May 11, 2010
LKB Project #9404-02

Walter Goyzueta, PE
Chief, Division of Residuals Operations
NYCDEP Bureau of Wastewater Treatment
96-05 Horace Harding Expressway
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Corona, NY 11368- 5107

Re: Results of First Year of Post-Closure Monitoring
Pennsylvania Avenue landfill, Brooklyn, NY
NYSDEC Site No. 224002

Dear Mr. Goyzueta,

The first year of post-closure ground-water and landfill-gas monitoring at the Pennsylvania Avenue landfill (PAL) has been completed by the OM&M Contractor. Lockwood, Kessler & Bartlett, Inc. (LKB) has reviewed the results and believes that they support reclassifying the PAL from a Class 2 site to a Class 4 site on the New York State Registry of Inactive Hazardous Waste Disposal Sites. LKB also believes that the results warrant reducing the monitoring frequency for certain parameters in ground water from quarterly to semiannually. The specific findings from our review are summarized below.

Post-Closure Monitoring Work Performed

Post-closure monitoring at the PAL began within 30 days of the NYCDEP's receipt of the NYSDEC's letter dated March 26, 2009 accepting the Final Engineering Report. Four rounds of quarterly post-closure monitoring were conducted in April/May, September and December of 2009 and February of 2010, respectively. The monitoring was performed in accordance with the Post-Closure Monitoring Sampling and Analysis Plan dated June 2008 (Plan), and the subsequent modifications to the ground water-monitoring portion of the Plan approved by the NYSDEC. Specifically, four rounds of ground-water samples have been collected from the ten monitoring wells listed in the Plan. The samples were analyzed for the USEPA Target Compound List (TCL) and Target Analyte List (TAL) parameters to be consistent with the Remedial Investigation (RI). LKB noted that there are several parameters on the 6NYCRR Part 360 baseline parameter list that are not on the TCL or TAL. Therefore, with the concurrence of the NYSDEC, the samples from the third quarter 2009 monitoring round were also analyzed for these additional parameters to obtain current data for these parameters.

LKB also noted that although the Plan calls for first using the low-flow purging and sampling procedure to collect samples for inorganic parameters, and then purging three well casing volumes and using a bailer to collect samples for organic parameters, the USEPA low-flow procedure can be used to collect samples for all parameters. Therefore, beginning with the third quarter 2009 monitoring round, the low-flow method was used to collect the samples for all parameters.

Finally, LKB noted that many of the laboratory methods listed in the Plan were obsolete. Therefore, the ground-water samples from all four rounds were analyzed utilizing current, approved laboratory methods. The samples were analyzed by a State-certified environmental laboratory, and that the results were validated by an independent data validation company per NYCRR Part 360 requirements.

The results of the first year of post-closure ground-water monitoring, for the parameters that were detected in at least one sample, are summarized in Tables 1 through 4 in Attachment 1. The Data Usability Summary Reports containing the validated results for each ground water-monitoring round are provided in Attachments 2a through 2d, respectively.

The landfill-gas monitoring rounds entailed measuring the percentages of methane, carbon dioxide and oxygen at each of the five gas vents along the northern boundary of the PAL during a low/falling barometer utilizing a LandTec GEM2000. The landfill-gas monitoring results are summarized in Table 5 in Attachment 1. The field reports for each landfill gas monitoring round are provided in Attachment 3.

This report also compares the results from the first year of post-closure ground-water monitoring to previous monitoring results, specifically the two RI monitoring rounds and the voluntary monitoring round performed by the NYCDEP in 2007. Tables 6 through 9 in Attachment 1 compare the results for the parameters detected in at least one sample during the first year of post-closure monitoring to the previous results for these parameters. The summary tables from the RI Report and the laboratory results from the 2007 monitoring round are provided in Attachments 4a and 4b, respectively.

Summary of Ground Water-Monitoring Results

Recall that the hydrogeology at the PAL from the surface downward consists of a saturated fill zone, which is underlain by a tidal marsh deposit that acts as a barrier to ground-water flow. The tidal marsh deposit is underlain by the Upper Glacial Aquifer. Five of the ten monitoring wells sampled are screened in the saturated zone above the tidal marsh deposit. Two wells are screened in the upper portion of the Upper Glacial Aquifer, and three wells are screened in the lower portion of the Upper Glacial Aquifer.

The results from the first year of post-closure ground-water monitoring indicate 1) that impacts to ground water attributable to the PAL are limited to the saturated zone above the tidal marsh deposit, 2) that the PAL is not a significant source of volatile organic compound (VOC), semivolatile organic compound (SVOC), pesticide, polychlorinated biphenyl (PCB) or toxic heavy metal releases to ground water, and 3) that the PAL is only a relatively minor source of leachate indicator parameter and less toxic metal releases to ground water.

The results also confirm that the ground water beneath the PAL meets both NYSDEC definitions of saline ground water, and is therefore unsuitable as a source of potable water. The saline ground water conditions are naturally occurring and are consistent with the PAL's seaside location.

The results for the VOCs, SVOCs, leachate indicators and metals that were detected in at least one ground-water sample are summarized in Tables 1 through 4, respectively. These results are also compared to the NYSDEC ambient water quality standards and guidance values for Class GA (potable) ground water from TOGS 1.1.1 to assess their significance as there are no NYSDEC quality standards for saline ground water. Pesticides and PCBs were not detected in any of the ground-water samples collected during the first year of post-closure monitoring, so summary tables for these parameter groups are not provided. The results for the other parameter groups are summarized below.

VOCs - The vast majority of the VOCs analyzed for were not detected. As shown in Table 1, only eight VOCs were detected in at least one ground-water sample during the first year of post-closure monitoring. These detections were mainly limited to relatively low concentrations of the aromatic hydrocarbons benzene and/or chlorobenzene in the wells that are screened in saturated zone above the tidal marsh deposit. VOC detections in the wells that are screened in the Upper Glacial Aquifer were limited to trace concentrations of the aromatic hydrocarbons MTBE and toluene in the third and/or fourth quarter 2009 samples from Well HP-101D. Since these two VOCs were not detected in the shallower wells at the PAL, and this well is located near the upgradient boundary of the PAL, these detections are attributed to background ground water-quality conditions at this location. In the wells in which VOCs were detected, the majority of the concentrations of each VOC decreased during the first year of post-closure monitoring, and no exceedances of the Class GA standards occurred during the most recent (first quarter 2010) monitoring round. Exceedances during prior monitoring rounds were limited to low-magnitude exceedances for benzene and/or chlorobenzene in the wells screened in the saturated zone above the tidal marsh deposit. No exceedances for VOCs occurred in the wells screened in the Upper Glacial Aquifer during the first year of post-closure monitoring.

SVOCs - The vast majority of the SVOCs analyzed for were also not detected. As shown in Table 2, only four SVOCs were detected in at least one sample during the first year of post-closure monitoring. The majority of these detections were very low concentrations of the polychlorinated aromatic hydrocarbon (PAH) acenaphthene, and the phthalate ester di-n-butyl phthalate, occurring primarily in the wells that are screened in the saturated zone above the tidal marsh deposit. The two other SVOCs detected, dibenzofuran and fluorine, were only detected in the third and fourth quarter 2009 samples from Well HP-318, which is screened in the saturated fill zone above the tidal marsh deposit. SVOC detections in the Upper Glacial Aquifer were limited to trace-level detections of acenaphthene and di-n-butyl phthalate during the second and third quarter 2009 monitoring rounds. The majority of the SVOC detections were much lower than their respective Class GA water quality standard or guidance value. The only exceedances were for dibenzofuran in the second and third quarter 2009 samples from Well HP-318. No exceedances for SVOCs occurred during the most recent (first quarter 2010) monitoring round.

Pesticides and PCBs - As noted above, pesticides and PCBs were not detected in any of the ground-water samples collected during the first year of post-closure monitoring.

Leachate Indicator Parameters - The majority of the leachate indicator parameters analyzed for during all four rounds were detected in at least one ground-water sample during the first year of post-closure monitoring. Only cyanide and phenols were not detected in any of the samples, and only nitrate was only detected sporadically at low concentrations. With respect to the other parameters, as shown in Table 3, most were detected in every sample. However, they typically

exhibit flat or decreasing trends in every well, which indicates that with respect to these parameters, post-closure ground water-quality conditions are stable or improving at the monitoring well locations. Saline ground-water conditions are confirmed by the fact that chloride concentrations exceeded 250 milligrams per Liter (mg/L) and total dissolved solids (TDS) concentrations exceeded 1,000 mg/L in most of the samples from the saturated fill zone above the tidal marsh deposit and in every sample from the Upper Glacial Aquifer. The detections of bromide, hardness and sulfate are primarily attributed to the naturally saline ground-water conditions because the highest concentrations of these parameters occurred in the wells that are screened in the lower portion of the Upper Glacial Aquifer. Nearly all of the detected concentrations of ammonia, chloride, sulfate and TDS exceed the Class GA standards. However, the observed concentrations of these parameters are attributed to the naturally saline ground-water conditions.

Inorganic Parameters - The majority of the inorganic parameters analyzed for were also detected in at least one ground-water sample during the first year of post-closure monitoring. However, as shown in Table 4, many, including the more toxic heavy metals, were only detected sporadically at low concentrations. The results for the other, less toxic metals are primarily attributed to the naturally saline ground-water conditions because the highest concentrations of most of them were detected in the wells that are screened in the lower portion of the Upper Glacial Aquifer. Beryllium, cadmium, selenium, silver and thallium were not detected in any of the ground-water samples collected during the first year of post-closure monitoring. Due to the large number of parameters in this group, the results for each detected metal are summarized individually below:

- Aluminum – Only detected sporadically at low concentrations. There is no ground water-quality standard for aluminum.
- Antimony – Only detected sporadically, but the detected concentrations exceeded the Class GA standard, which is very low.
- Arsenic – Only detected sporadically, mostly at low concentrations. The concentrations in one sample from the first monitoring round, and five samples from the second monitoring round, exceeded the Class GA standard.
- Barium – Detected in most samples, but primarily at low concentrations. The only exceedances of the Class GA standard occurred in the first two samples from Well HP407U and were minor in magnitude.
- Boron – Only analyzed for during the third quarter 2009 monitoring round. The concentrations detected in Well HP-407U and the wells screened in the Upper Glacial Aquifer exceeded the Class GA standard, but are most likely attributable to the naturally saline ground-water conditions.
- Calcium – Detected in every sample, as expected. The highest concentrations were detected in the wells screened in lower portion of Upper Glacial Aquifer, and are therefore attributed to the naturally saline ground-water conditions.
- Chromium – Only detected sporadically at low concentrations less than the ground-water standard.
- Cobalt – Only detected sporadically in Well HP-407U, at low concentrations less than the ground-water standard.

- Copper – Only detected once in the first quarter 2010 sample from Well HP-101D, at a very low concentration less than the ground-water standard.
- Iron – Detected in every sample from every well at concentrations that exceeded the Class GA standard, but this is an aesthetics-based standard.
- Lead – Only detected at low concentrations in the second quarter 2009 samples from two wells that are screened in the saturated zone above the tidal marsh deposit.
- Magnesium – Detected in every sample from every well. Primarily attributed to the naturally saline ground-water conditions as the highest concentrations occurred in the wells that are screened in the lower portion of the Upper Glacial Aquifer. There is no ground water-quality standard for magnesium. The majority of the concentrations detected are higher than the Class GA guidance value.
- Manganese – Detected in every sample from every well. Primarily attributed to the naturally saline ground-water conditions as the highest concentrations occurred in the wells that are screened in the lower portion of the Upper Glacial Aquifer. The majority of the concentrations detected exceeded the Class GA standard, but this is an aesthetics-based standard.
- Mercury – Only detected once at a very low concentration in the fourth quarter 2009 sample from Well HP-407D.
- Nickel – Only detected sporadically at low concentrations in the wells that are screened in the saturated zone above the tidal marsh deposit.
- Potassium – Detected in all but one sample. Primarily attributed to the naturally saline ground-water conditions as the highest concentrations occurred in the wells that are screened in the lower portion of the Upper Glacial Aquifer.
- Sodium – Detected in every sample from every well. Consistent with saline ground water conditions, nearly all concentrations exceeded the Class GA standard and the highest concentrations occurred in the wells that are screened in the lower portion of the Upper Glacial Aquifer.
- Vanadium – Only detected at low concentrations in the second and fourth quarter 2009 samples from Wells HP-407U and HP-101S.
- Zinc – Only detected sporadically at low concentrations less than the Class GA standard.

Summary of Landfill Gas-Monitoring Results

The results of the perimeter gas vent-monitoring rounds are summarized in Table 5. As shown in Table 5, methane concentrations were below the lower explosive limit of 5.0 percent gas at all five monitoring locations during all four quarterly monitoring rounds. The only location at which methane was detected is GMW-4. Methane concentrations at this location ranged from 0.7 to 3.0 percent. The OM&M contractor increased the vacuum on the gas collection system wells in this area to control subsurface landfill gas migration.

Comparison of Post-Closure Ground-Water Monitoring Results to Previous Results

The results from the first year of post-closure ground-water monitoring were compared to previous results to identify, and assess the magnitude of, changes in ground-water quality since the PAL was remediated. The previous results include the two rounds of ground-water monitoring performed during the RI, and the voluntary round of monitoring performed by the NYCDEP in 2007. To simplify the comparison, it was limited to the parameters that were detected in at least one sample during the first year of post-closure monitoring. Review of the previous results indicates that this approach is valid because for the most part, the same parameters were detected previously. To further simplify the comparison, the previous results were compared to the average of the results from the four rounds of post-closure monitoring. The results for VOCs, SVOCs, leachate indicator parameters and metals are compared in Tables 6 through 9, respectively. The findings discussed below by parameter group.

VOCs - Review of the previous VOC results indicates that even prior to remediating the PAL, VOC detections in the ten wells used for post-closure monitoring were limited to sporadic, low concentrations of a handful of VOCs, and that the two VOCs detected most often then were also the aromatic hydrocarbons benzene and chlorobenzene. The comparison therefore focused on these two VOCs. As shown in Table 6, the concentrations of these two VOCs have decreased in every well in which they have been detected since the RI, and are currently at non-detectable levels in the wells that are screened in the Upper Glacial Aquifer. Based on these findings, the remediation has been successful in reducing VOC concentrations in ground water, and the PAL is currently not a significant source of VOC releases to ground water.

SVOCs - Review of the previous SVOC results indicates that prior to remediating the PAL, SVOC detections in the ten wells used for post-closure monitoring were also limited to sporadic low concentrations of a handful of SVOCs, including those detected during the first year of post-closure monitoring. As shown in Table 7, the SVOCs detected during the first year of post-closure monitoring were detected at similar low concentrations previously. Based on these findings, the PAL continues to not be a significant source of SVOC releases to ground water.

Leachate Indicator Parameters - Review of Table 8 indicates that even with taking the higher degree of variability inherent in the results for these parameters into account, the majority of parameters in the majority of wells exhibit fiat or decreasing trends. This finding indicates that with respect to these parameters, ground-water quality has been relatively stable or improving since the RI monitoring rounds. The reason that significant reductions in the concentrations of these parameters are not observed is that their presence, especially in the wells that are screened in the Upper Glacial Aquifer, is primarily due to the naturally saline ground-water conditions. In fact, the concentrations of certain seawater-related parameters (e.g., chloride and TDS) have increased in the wells that are screened in the lower portion of the Upper Glacial Aquifer. These increases are attributed to a return to more saline ground-water conditions now that the PAL has been capped and storm water runoff is intercepted and discharged directly to the saline surface water.

Inorganic Parameters - Review of Table 9 indicates 1) that the inorganic parameters that were not detected, or only detected sporadically at low concentrations, during the RI did not increase in concentration after the PAL was remediated, and 2) that most of the inorganic parameters that were detected during the RI have stable or downward trends. The only exceptions are the

concentrations of certain seawater-related parameters such as potassium and sodium, primarily in the wells that are screened in the lower portion of the Upper Glacial Aquifer. These exceptions are also attributed to a return to more saline ground-water conditions now that the PAL has been capped and storm water runoff is intercepted and discharged directly to the saline surface water.

Key Findings Supporting Reclassifying the PAL

The PAL is presently still classified as a Class 2 site on the New York Registry of Inactive Hazardous Waste Disposal Sites. Now that the PAL has been successfully remediated, LKB recommends that NYCDEP request that it be reclassified to a Class 4 site. The key findings supporting reclassifying the PAL are summarized below:

1. Based on the post-closure ground water-monitoring results for chloride and TDS, the ground water in both the saturated zone above the tidal marsh deposit and the Upper Glacial Aquifer beneath the PAL meets both NYSDEC definitions of saline ground water (i.e., chloride greater than 250 mg/L and TDS greater than 1,000 mg/L). These saline ground-water conditions are naturally occurring and consistent with the PAL's seaside location. Since the ground water at the PAL is naturally saline, it is therefore unsuitable as a source of potable water. Also, the PAL is already served by the New York City water supply system. Consequently, a deed restriction on the use of ground water for drinking is not required.

2. There are no NYSDEC ambient water quality standards or guidance values for saline ground water. The ground water-monitoring results were compared to the Class GA standards and guidance values for fresh ground water to provide an overall indication of quality. The majority of the exceedances noted in the Tables 1 through 4 are for parameters that occur naturally in saline ground water and are not related to the PAL.

3. Based on the first year of post-closure ground-water monitoring, the PAL is not a significant source of VOC, SVOC, pesticide, PCB or toxic heavy metal releases to ground water; and is only a relatively minor source of leachate indicator parameter and less toxic metal releases to ground water, most of which already occur at similar or higher concentrations in the naturally saline ground water.

4. Based on the first year of post-closure landfill-gas monitoring, the landfill gas being generated by the PAL is being contained by the collection and treatment system and is not migrating offsite. Methane levels were less than the 6NYCRR Part 360 requirements (e.g., the lower explosive limit) in all five gas monitoring wells during all four monitoring rounds. It is expected that landfill gas concentrations will continue to decrease over time as the landfill ages.

5. Based on comparison of the averaged results from the first year of post-closure monitoring to the previous results from the two RI monitoring rounds and the voluntary round of monitoring performed by the NYCDEP in 2007, remediation of the PAL has been successful in reducing VOC concentrations in ground water. The concentrations of SVOCs attributable to the PAL continue to be limited to sporadic low concentrations. Pesticides and PCBs continue to not be detected. Detections of the more toxic heavy

metals continue to be limited to sporadic, low concentrations. The concentrations of most leachate indicator parameters and the less toxic metals are stable or decreasing over time, except for a few increases in the wells screened in lower portion of the Upper Glacial Aquifer that are attributable to a return to naturally saline ground water conditions following remediation of the PAL.

Key Findings Supporting Reducing the Scope of Post-Closure Ground-Water Monitoring

In a letter dated January 10, 2006 commenting on the Plan, the NYSDEC clarified that following one year of post-closure monitoring on a quarterly basis, the frequency of monitoring could be reduced to semiannually if the results are below the quantitation limits (i.e., estimated (J-qualified) or non-detectable). Accordingly, LKB recommends that the NYCDEP request that the monitoring frequency for pesticides and PCBs be reduced to semiannually as these parameters were not detected in any ground-water samples during the first year of post-closure monitoring. This modification will result in a significant cost savings to the NYCDEP by reducing the laboratory analysis and data validation costs for these parameters by fifty percent.

Moreover, although a few VOCs and SVOCs were detected during the first year of post-closure monitoring, LKB also recommends that the NYCDEP request that the frequency of monitoring for these parameters also be reduced to semiannually because 1) the detections of these parameters were limited to sporadic, low concentrations of just a few compounds, 2) the detections occurred primarily in the wells that are screened in the saturated zone above the tidal marsh deposit, not in the Upper Glacial Aquifer, 3) the concentrations of these parameters are decreasing over time, and 4) such reductions are consistent with the intent of the Plan and related correspondence. This modification will also result in a significant cost savings to the NYCDEP by reducing the laboratory analysis and data validation costs for these parameters by fifty percent.

Please note that until these requested modifications are approved by the NYSDEC, monitoring for all required parameters should continue to be performed on a quarterly basis.

LKB hopes that this information assists the NYCDEP to achieve its goal of reclassifying the PAL and in obtaining the recommended reductions in monitoring frequency. In the meantime, please contact this office if I can be of further assistance with these efforts.

Very truly yours,

John B. Gerlach

John B. Gerlach, CGWP, LEP
Director of Environmental Sciences

C.c. R. Raha, NYCDEP
T. Heneveld, LKB
LKB Project No. 9404 File

ATTACHMENT 1

Tables 1-9

Table 1
Summary of Target Volatile Organic Compounds (VOCs) Detected in Ground-Water Samples During First Year of Post-Closure Monitoring
Pennsylvania Avenue Landfill, Brooklyn, NY

VOCs Detected	NYSDEC Class GA Standard	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
		HP-101U				HP-407U				HP-104A				HP-318				HP-603			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Benzene	1	<1	<1	<1	<1	**3**	**2 J**	**2**	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	60	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	5	3	**7**	**7**	5	**6**	5 J	5	4	4	3 J	**6**	2	3	**13**	**22**	3	5	3	4	3
1,4-Dichlorobenzene	3	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	1	<1	<1
Isopropylbenzene	5	NA	<1	NA	NA	NA	1 J	NA	NA	NA	<1	NA	NA	NA	1	NA	NA	NA	<1	NA	NA
MTBE	10	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA
1,2,4,5-Tetramethylbenzene	5	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	1	NA	NA	NA	<1	NA	NA
Toluene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

VOCs Detected	NYSDEC Class GA Standard	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
		HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Benzene	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	60	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	5	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA
MTBE	10	NA	<1	NA	NA	NA	<1	NA	NA	NA	1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA
1,2,4,5-Tetramethylbenzene	5	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA	NA	<1	NA	NA
Toluene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Footnotes: Only the target VOCs detected in at least one ground-water sample are listed. The vast majority of the target VOCs analyzed for were not detected.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no VOC standards for saline ground water.
All data in the above table are in units of micrograms per Liter (ug/L), J = result qualified as estimated.
Results shown in bold font are higher than the potable ground-water standard.
NA = Not analyzed (These VOCs are the NYSDEC Part 360 baseline VOC parameters that are not on the USEPA TCL).

Table 2
Summary of Target Semivolatile Organic Compounds (SVOCs) Detected in Ground-Water Samples During First Year of Post-Closure Monitoring
Pennsylvania Avenue Landfill, Brooklyn, NY

SVOCs Detected	NYSDEC Class GA Standard	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
		HP-101U				HP-407U				HP-104A				HP-318				HP-603			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Acenaphthene	20 (GV)	<1	<1	<1	<1	1.3	1	<1	<1	<1	<1	<1	<1	<1	7.5	10	1.2	1.1	2.6	2.3	2.1
Di-n-butyl Phthalate	50	<1	1.3	<1.4	<1	<1	<1	<2.6	<1	<1	1.5	<1.5	<1	<1	<1	<1.5	<1	<1	<1	<2.9	<1
Dibenzofuran	**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**3.4**	**4.5**	<1	<1	<1	<1	<1
Fluorene	50 (GV)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.0	2.6	<1	<1	<1	<1	<1

SVOCs Detected	NYSDEC Class GA Standard	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
		HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Acenaphthene	20 (GV)	<1	1.3	<1	<1	<1	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Di-n-butyl Phthalate	50	<1	<1	<1.1	<1	<1	<1	<1.2	<1	<1	<1	<2.7	<1	<1	<1	<1	<1	1.6	<1	<1.5	<1
Dibenzofuran	**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Fluorene	50 (GV)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Footnotes: Only the target SVOCs detected in at least one ground-water sample are listed. The vast majority of the target SVOCs analyzed for were not detected.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no SVOC standards for saline ground water.
Standards with the (GV) notation are guidance values only.
All data in the above table are in units of micrograms per Liter (ug/L).
Results shown in bold font are higher than the potable ground water standard.
** = Limit is 7 x 10-7 as 2,3,7,8-TCDD equivalent, but this is a potable water standard that is not applicable to this site.

Table 3
Summary of Leachate Indicator Parameters Detected in Ground-Water Samples During First Year of Post-Closure Monitoring
Pennsylvania Avenue Landfill, Brooklyn, NY

Parameters Detected	NYSDEC Class GA Standard	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
		HP-101U				HP-407U				HP-104A				HP-318				HP-603			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Alkalinity	No Std.	460	460	560	580	1,700	1,800	1,700	1,500	800	840	840	720	60	520	820	220	360	350	460	380
Ammonia	2	1.4	**9.2**	**7.2**	**7.2**	**100**	**120**	**110**	**91**	**3.2**	**3.6**	**6.6**	**2.8**	**29**	**27**	**38**	**5.0**	**14**	**7.6**	**6.4**	**4.0**
BOD	No Std.	NA	<2	NA	NA	NA	20	NA	NA	NA	2.3	NA	NA	NA	26	NA	NA	NA	<2	NA	NA
Bromide	2 (GV)	NA	<0.5	NA	NA	NA	<0.5	NA	NA	NA	<0.5	NA	NA	NA	<0.5	NA	NA	NA	<0.5	NA	NA
Chloride	250	**440**	**1,300**	**1,000**	**900**	**450**	**390**	**340**	**330**	50	80	90	56	**720**	**570**	**970**	74	190	190	120	99
COD	No Std.	NA	<400	NA	NA	NA	<400	NA	NA	NA	50	NA	NA	NA	110	NA	NA	NA	<40	NA	NA
Color	No Std.	NA	20	NA	NA	NA	180	NA	NA	NA	15	NA	NA	NA	30	NA	NA	NA	25	NA	NA
Hardness	No Std.	390	490	440	410	900	820	820	770	750	690	680	2,000 J	500	310	620	320	760	660	620	570
Nitrate	10	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	5.3	1.6	1.6	3.5	<0.5	<0.5	0.5	<0.5
Sulfate	250	75	130	150	190	35	34	24	5	55	48	68	63	70	36	43	170	**430**	**380**	**290**	**300**
Total Dissolved Solids	1,000	**1,300**	**2,800**	**2,100**	**2,100**	**2,500**	**2,400**	**2,200**	**1,700**	**1,200**	**17,000**	910	890	**1,800**	**1,400**	**2,200**	620	**1,200**	920	900	**1,100**
Total Organic Carbon	No Std.	NA	8.3	NA	NA	NA	120	NA	NA	NA	5.9	NA	NA	NA	7.8	NA	NA	NA	4.5	NA	NA
Total Kjeldhal Nitrogen	No Std.	2.2	10	8.4	7.8	100	130	110	95	4.2	4.4	7.6	3.6	32	29	39	5.8	15	8.2	7.4	4.6

Parameters Detected	NYSDEC Class GA Standard	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
		HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Alkalinity	No Std.	1,000	980	1,100	840	600	540	500	600	820	780	820	820	240	260	240	380	300	230	480	300
Ammonia	2	**4.4**	**4.6**	**3.2**	**3.4**	**10**	**10**	**10**	**10**	**18**	**17**	**11**	**18**	1.6	1.8	2.0	**2.2**	**6.6**	**7.8**	**5.2**	**5.0**
BOD	No Std.	NA	2.4	NA	NA	NA	<2	NA	NA	NA	<2	NA	NA	NA	2.8	NA	NA	NA	<2	NA	NA
Bromide	2 (GV)	NA	1.4	NA	NA	NA	**19**	NA	NA	NA	<0.5	NA	NA	NA	**23**	NA	NA	NA	**35**	NA	NA
Chloride	250	**3,500**	**2,600**	**2,100**	**1,600**	**8,100**	**7,200**	**8,300**	**8,900**	**31,000**	**27,000**	**22,000**	**30,000**	**10,000**	**9,900**	**9,800**	**10,000**	**22,000**	**16,000**	**18,000**	**20,000**
COD	No Std.	NA	<400	NA	NA	NA	<400	NA	NA	NA	<800	NA	NA	NA	800	NA	NA	NA	<800	NA	NA
Color	No Std.	NA	60	NA	NA	NA	25	NA	NA	NA	50	NA	NA	NA	10	NA	NA	NA	15	NA	NA
Hardness	No Std.	590	580	600	580	3,000	2,700	2,800	2,700	2,500	2,500	3,300	2,400	4,000	3,300	3,100	3,300	3,400	5,000	5,000	5,200
Nitrate	10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sulfate	250	17	37	<5	<5	**650**	**900**	**880**	**780**	**1,700**	**1,200**	**1,200**	**1,100**	**1,300**	**1,000**	**1,200**	**1,200**	**1,900**	**1,900**	**1,900**	**1,900**
Total Dissolved Solids	<1,000	**5,300**	**4,900**	**3,300**	**3,300**	**14,000**	**14,000**	**15,000**	**14,000**	**46,000**	**44,000**	**28,000**	**42,000**	**18,800**	260	**18,000**	**17,000**	**28,000**	**25,000**	**28,000**	**28,000**
Total Organic Carbon	No Std.	NA	7.2	NA	NA	NA	8.3	NA	NA	NA	6.8	NA	NA	NA	<0.5	NA	NA	NA	<0.5	NA	NA
Total Kjeldhal Nitrogen	No Std.	5.0	5.4	4.2	4.2	11	11	12	11	18	18	12	19	2.2	2.2	2.2	2.6	7.6	8.2	5.4	5.8

Footnotes: Only the leachate indicator parameters detected in at least one ground-water sample are listed. Cyanide and phenols were not detected.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no saline ground water standards for these parameters.
Standards with the (GV) notation are guidance values only.
All data in the above table are in units of milligrams per Liter (mg/L), J = result qualified as estimated.
Results shown in bold font are higher than the potable ground-water standard.
NA = Not analyzed (these parameters were only analyzed for during the third quarter 2009 monitoring round).

Table 4
Summary of Metals Detected in Ground-Water Samples During First Year of Post-Closure Monitoring
Pennsylvania Avenue Landfill, Brooklyn, NY

Metals Detected	NYSDEC Class GA Standard	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
		HP-101U				HP-407U				HP-104A				HP-318				HP-603			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Aluminum	No Std.	0.13	<0.05	<0.01	<0.05	0.28	<0.05	<0.01	<0.05	0.98	<0.05	<0.01	0.08	0.24	0.74	0.04	<0.05	0.41	0.06	0.51	<0.05
Antimony	0.003	<0.005	<0.025	<0.005	<0.025	**0.006**	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	**0.005**	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025
Arsenic	0.025	0.014	<0.025	<0.005	<0.025	0.015	<0.025	<0.005	<0.025	0.017	<0.025	<0.005	<0.025	0.011	**0.039**	<0.005	<0.025	0.007	**0.029**	<0.005	<0.025
Barium	1	0.071	0.1	0.095	0.088	**1.2**	**1.1**	1.0	0.9	0.094	0.14	0.16	0.18	0.056	0.049	0.063	<0.025	0.088	0.063	0.074	0.063
Boron	1	NA	0.28	NA	NA	NA	**2.6**	NA	NA	NA	0.52	NA	NA	NA	0.69	NA	NA	NA	0.44	NA	NA
Calcium	No Std.	130	150	140	130	130	100	100	110	220	200	200	230	130	120	160	93	240	210	200	180
Chromium	0.05	<0.005	<0.025	<0.005	<0.025	0.015	<0.025	0.013	<0.025	0.008	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	0.031	<0.025
Cobalt	No Std.	<0.005	<0.025	<0.005	<0.025	0.009	<0.025	0.01	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025
Copper	0.2	<0.05	<0.05	<0.01	<0.05	<0.01	<0.05	<0.01	<0.05	<0.01	<0.05	<0.01	<0.05	<0.04	<0.05	<0.01	<0.05	<0.01	<0.05	<0.01	<0.05
Iron	0.3	**1.5**	**26**	**28**	**28**	**1.5**	**1.0**	**0.92**	**1.3**	**5.5**	**3.8**	**3.7**	**2.4 J**	**6.3**	**8.7**	**13**	**2.2**	**13**	**11**	**12**	**9.2**
Lead	0.025	0.006	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.0025	0.015	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025
Magnesium	35 (GV)	16	27	22	22	**140**	**140**	**140**	**120**	**50**	**47**	**44**	**350 J**	**43**	**38**	**53**	22	**40**	34	29	26
Manganese	0.3	0.08	**0.66**	**0.54**	**0.85**	**0.5**	**0.39**	**0.34**	**0.43**	**0.95**	**0.65**	**0.87**	**0.82**	0.2	0.24	**0.32**	0.17	**0.44**	**0.48**	**0.55**	**0.45**
Mercury	0.0007	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Nickel	0.1	<0.01	<0.01	<0.01	<0.05	<0.01	<0.05	0.01	<0.05	0.01	<0.05	<0.01	<0.05	<0.01	<0.05	0.01	<0.05	<0.01	<0.05	0.02	<0.05
Potassium	No Std.	10	<5	19	18	110	79	92	61	15	16	21	160 J	41	37	53	9.1	25	16	14	12
Sodium	20	**270**	**860**	**550**	**510**	**400**	**380**	**350**	**300**	**78**	**74**	**64**	**2,600 J**	**4,400**	**300**	**410**	**70**	**75**	**90**	**61**	**69**
Vanadium	No Std.	<0.005	<0.005	<0.005	<0.025	0.016	<0.025	0.014	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025	<0.005	<0.025
Zinc	2 (GV)	<0.19	0.06	0.03	0.15	<0.1	<0.05	<0.01	<0.05	<0.05	<0.05	0.01	<0.05	<0.07	0.08	0.02	<0.05	<0.04	<0.05	0.06	<0.05

Metals Detected	NYSDEC Class GA Standard	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
		HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
		2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10	2Q09	3Q09	4Q09	1Q10
Aluminum	No Std.	0.01	<0.05	<0.01	<0.05	0.05	<0.05	<0.01	<0.05	<0.05	<0.025	<0.05	<0.05	1.2	<0.05	<0.01	<0.05	3.3	0.08	0.08	0.26
Antimony	0.003	<0.005	<0.025	<0.005	<0.025	<0.025	<0.025	**0.01**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.005	<0.025	<0.005	<0.025	<0.025	**0.049**	<0.025	<0.025
Arsenic	0.025	0.011	<0.025	<0.005	<0.025	<0.025	<0.025	<0.005	<0.025	0.025	**0.056**	<0.025	<0.025	0.015	**0.031**	<0.005	<0.025	**0.05**	**0.037**	<0.025	<0.025
Barium	1	0.044	0.040	0.033	0.035	0.19	0.17	0.15	0.15	0.16	0.14	0.13	0.15	0.065	0.059	0.057	0.057	0.15	0.10	0.11	0.11
Boron	1	NA	**1.1**	NA	NA	NA	**1.5**	NA	NA	NA	**1.7**	NA	NA	NA	**1.7**	NA	NA	NA	**3.1**	NA	NA
Calcium	No Std.	<57	53	45	44	220	230	240	230	280	270	290	260	260	270	260	260	310	350	360	350
Chromium	0.05	<0.005	<0.025	0.006	<0.025	<0.025	<0.025	<0.005	<0.025	<0.025	0.038	<0.025	<0.025	0.006	<0.025	<0.005	<0.025	<0.025	0.03	<0.025	<0.025
Cobalt	No Std.	<0.005	<0.025	<0.005	<0.025	<0.025	<0.025	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025	<0.005	<0.025	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025
Copper	0.2	<0.01	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	0.05	<0.01	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
Iron	0.3	**0.84**	**0.85**	**0.81**	**0.84**	**12**	**14**	**14**	**14**	**10**	**9.3**	**13**	**7.6**	**26**	**24**	**24**	**27**	**10**	**5.6**	**5.1**	**5.7**
Lead	0.025	<0.005	<0.025	<0.005	<0.025	<0.025	<0.025	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025	<0.005	<0.025	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025
Magnesium	35 (GV)	**110**	**110**	**120**	**120**	**500**	**510**	**530**	**530**	**440**	**440**	**620**	**420**	**580**	**630**	**600**	**640**	**630**	**1,000**	**1,000**	**1,100**
Manganese	0.3	0.06	0.05	0.04	<0.05	**0.51**	**0.54**	**0.57**	**0.55**	**0.32**	0.30	**0.39**	0.28	**0.84**	**0.93**	**0.96**	**0.95**	**1.9**	**1.6**	**1.7**	**1.7**
Mercury	0.0007	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.0025	<0.00025	<0.00025	0.00039	<0.00025	<0.00025	<0.00025	<0.00025	<0.0025
Nickel	0.1	<0.01	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
Potassium	No Std.	97	90	87	82	290	240	230	270	400	380	340	310	200	290	210	320	78	560	490	480
Sodium	20	**1,900**	**1,700**	**1,100**	**980**	**4,000**	**4,100**	**3,800**	**3,800**	**16,000**	**13,000**	**13,000**	**16,000**	**4,800**	**5,000**	**5,000**	**4,500**	**660**	**10,000**	**7,000**	**8,600**
Vanadium	No Std.	0.008	<0.025	0.009	<0.025	<0.025	<0.025	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025	<0.005	<0.025	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025
Zinc	2 (GV)	<0.02	<0.05	<0.01	<0.05	<0.05	<0.05	0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.03	<0.05	0.03	<0.05	<0.07	0.09	<0.05	<0.05

Footnotes: Only the metals detected in at least one ground-water sample are listed. Beryllium, cadmium, selenium, silver and thallium were not detected.
Hexavalent chromium was analyzed for during the third quarter 2009 round but was not detected.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no saline ground water standards for these parameters.
Standards with the (GV) notation are guidance values only.
All data in the above table are in units of milligrams per Liter (mg/L), J = result qualified as estimated.
Results shown in bold font are higher than the potable ground water standard.
NA = Not analyzed (This parameter is a NYSDEC Part 360 baseline parameter that is not on the USEPA TAL).

Table 5
Summary of Perimeter Gas Vent Results for the First Year of Post-Closure Monitoring
Pennsylvania Avenue Landfill, Brooklyn, NY

Quarterly Monitoring Round	Monitoring Location and Result				
	GMW-1	GMW-2	GMW-3	GMW-4	GMW-5
	% Methane				
2Q09	0.0	0.0	0.0	0.7	0.0
3Q09	0.0	0.0	0.0	3.0	0.0
4Q09	0.0	0.0	0.0	1.7	0.0
1Q10	0.0	0.0	0.0	1.4	0.0
	% Carbon Dioxide				
2Q09	1.2	1.4	3.0	5.3	2.9
3Q09	4.2	4.1	7.1	6.8	5.2
4Q09	1.0	0.8	1.8	1.7	1.6
1Q10	3.8	3.6	3.5	6.3	4.9
	% Oxygen				
2Q09	20.4	20.5	18.8	0.1	19.3
3Q09	18.8	19.0	14.7	0.1	18.5
4Q09	19.8	20.2	18.2	0.0	18.5
1Q10	20.0	20.0	19.8	0.8	19.0

Table 6
Comparison of Previous Volatile Organic Compounds Results to Post-Closure Monitoring Results
Pennsylvania Avenue Landfill, Brooklyn, NY

VOCs Detected	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
	HP-101U				HP-407U				HP-104A				HP-318				HP-603			
	RI 1	RI 2	2007	Y1 PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Benzene	2 J	ND	<1	<1	21	11	<1	2	2 J	1 J	NS	<1	ND	7 J	<1	<1	2 J	NS	NS	<1
Carbon Disulfide	ND	ND	<1	<1	ND	ND	<1	<1	ND	ND	NS	<1	ND	ND	<1	<1	ND	NS	NS	<1
Chlorobenzene	27	ND	11	5.5	21	11	6	5	30	18	NS	3.8	85	45	11	10.3	48	NS	NS	3.8
1,4-Dichlorobenzene	4 J	ND	<1	0.8	4 J	3 J	<1	<1	5 J	4 J	NS	<1	ND	4 J	<1	0.3	ND	NS	NS	0.3
Toluene	ND	ND	<1	<1	ND	ND	<1	<1	ND	ND	NS	<1	ND	ND	<1	<1	ND	NS	NS	<1

VOCs Detected	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
	HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Benzene	ND	ND	<1	<1	ND	ND	<1	<1	ND	NS	<1	<1	ND	ND	<1	<1	4 J	1 J	<1	<1
Carbon Disulfide	ND	ND	<1	<1	ND	ND	<1	<1	ND	NS	<1	<1	ND	ND	<1	<1	ND	ND	<1	<1
Chlorobenzene	ND	ND	<1	<1	ND	ND	<1	<1	ND	NS	<1	<1	ND	ND	<1	<1	16	12	<1	<1
1,4-Dichlorobenzene	ND	ND	<1	<1	ND	ND	<1	<1	ND	NS	<1	<1	ND	ND	<1	<1	3 J	ND	<1	<1
Toluene	ND	ND	1	<1	ND	ND	13	<1	ND	NS	<1	0.8	ND	ND	<1	<1	ND	ND	1	<1

Footnotes: Only the target VOCs detected in at least one post-closure ground-water sample are listed.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no VOC standards for saline ground water.
All data in the above table are in units of micrograms per Liter (ug/L).
RI 1 and RI 2 = data are the results from the two monitoring rounds performed during the remedial investigation.
2007 = data are the results from the preliminary monitoring round performed by the NYCDEP (Wells HP-104A and HP-603 were not sampled because they were not post-closure monitoring wells in 2007).
Y1PC Avg = the average of the results from the first year of post-closure monitoring.
ND = not detected, NS = not sampled, J = data qualified as estimated.
Note: Acetone at 360 ugL and methyl ethyl keytone at 49,000 ug/L were detected in the 2007 sample from Well 101S, but these detections are attributed to laboratory contamination.
Note: Acetone at 30 ugL was also detected in the 2007 sample from Well 101S, but this detection is also attributed to laboratory contamination.
Note: 1,1-Dichloroethene at 120 ug/L and 1,2-dichloroethene at 140 ug/L were detected in the RI 2 sample from Well HP-407D, but these detections appear to be anomalous and/or spurious.

Table 7
Comparison of Previous Semivolatile Organic Compounds Results to Post-Closure Monitoring Results
Pennsylvania Avenue Landfill, Brooklyn, NY

SVOCs Detected	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
	HP-101U				HP-407U				HP-104A				HP-318				HP-603			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Acenaphthene	0.6 J	ND	<1	<1	1 J	ND	1.2	0.6	2 J	0.2 J	NS	<1	ND	14	9.4	4.7	14	NS	NS	2
Di-n-butyl Phthalate	ND	R	<1	0.7	ND	R	<1	<1	ND	R	NS	0.4	ND	R	<1	<1	R	NS	NS	<1
Dibenzofuran	ND	ND	<1	<1	ND	ND	<1	<1	ND	ND	NS	<1	ND	5 J	2	2	3 J	NS	NS	<1
Fluorene	0.3 J	ND	<1	<1	ND	ND	<1	<1	1 J	ND	NS	<1	ND	3 J	<1	1.2	2 J	NS	NS	<1

SVOCs Detected	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
	HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Acenaphthene	ND	NA	<1	0.3	ND	NA	<1	<1	ND	NS	<1	0.3	ND	NA	<1	<1	ND	NA	<1	<1
Di-n-butyl Phthalate	0.1 J	NA	<1	<1	ND	NA	<1	<1	ND	NS	<1	<1	ND	NA	<1	<1	R	NA	<1	0.4
Dibenzofuran	ND	NA	<1	<1	ND	NA	<1	<1	ND	NS	<1	<1	ND	NA	<1	<1	ND	NA	<1	<1
Fluorene	ND	NA	<1	<1	ND	NA	<1	<1	ND	NS	<1	<1	ND	NA	<1	<1	ND	NA	<1	<1

Footnotes: Only the target SVOCs detected in at least one post-closure ground-water sample are listed.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no SVOC standards for saline ground water.
Standards with the (GV) notation are guidance values only.
All data in the above table are in units of micrograms per Liter (ug/L).
** = Limit is 7 x 10-7 as 2,3,7,8-TCDD equivalent, but this is a potable water standard that is not applicable to this site/
RI 1 and RI 2 = data are the results from the two monitoring rounds performed during the remedial investigation.
2007 = data are the results from the preliminary monitoring round performed by the NYCDEP.
Y1PC Avg = the average of the results from the first year of post-closure monitoring.
ND = not detected, NA = not analyzed for, NS = not sampled, R = data qualified as rejected, J = data qualified as estimated.

Table 8
Comparison of Previous Leachate Indicator Parameter Results to Post-Closure Monitoring Results
Pennsylvania Avenue Landfill, Brooklyn, NY

Parameters Detected	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
	HP-101U				HP-407U				HP-104A				HP-318				HP-603			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Alkalinity	715	217	520	515	2,640	2,250	2,200	1,675	1,360	1,540	NS	800	R	NA	880	405	1,450	NS	NS	388
Ammonia	10.3	0.26	8.4	6.3	244	168	150	105	94.2	116	NS	4.1	110	NA	39	24.8	80.8	NS	NS	8
Chloride	875	53.4	1,700	910	564	518	400	378	152	168	NS	69	574	NA	1,300	584	164	NS	NS	150
Hardness	542	349	310	433	880	860	860	828	1,090	965	NS	1,030	1,410	NA	900	438	652	NS	NS	653
Nitrate	ND	0.28	<0.5	0.4	ND	0.1	<0.5	<0.5	ND	0.21	NS	<0.5	ND	NA	12	3.0	ND	NS	NS	0.1
Sulfate	ND	98	95	136	ND	85.2	65	25	19.8	54.7	NS	58.5	28	NA	37	79.8	11.5	NS	NS	350
Total Dissolved Solids	1,750	563	3,100	2,075	2,940	2,670	2,400	2,200	1,330	R	NS	5,000	2,750	NA	2,600	1,505	1,230	NS	NS	1,030
Total Kjeldhal Nitrogen	44.3	1.02	11	7.1	741	275	160	109	240	117	NS	5.0	128	NA	44	26.5	230	NS	NS	8.8

Parameters Detected	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
	HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Alkalinity	885	225	980	980	399	1,050	600	560	461	NA	700	810	74	NA	220	280	935	NA	220	328
Ammonia	7.2	0.2	6.2	3.9	1.4	3.9	9	10	12	NA	7.4	16	0.4	NA	1.6	1.9	37	NA	14	6.2
Chloride	5,400	116	350	2,450	5,120	6,700	7,500	8,125	15,900	NA	22,000	27,500	2,090	NA	9,800	9,925	148	NA	17,000	19,000
Hardness	852	347	690	588	1,680	2,200	2,300	2,800	1,000	NA	4,000	2,675	602	NA	3,000	3,425	700	NA	5,000	4,650
Nitrate	ND	0.21	<0.5	<0.5	ND	ND	<0.5	0.4	19	NA	<0.5	<0.5	0.19	NA	<0.5	<0.5	14.7	NA	<0.5	<0.5
Sulfate	375	104	150	27	478	442	850	803	361	NA	1,500	1,300	208	NA	1,100	1,175	10.3	NA	2,000	1,900
Total Dissolved Solids	10,000	611	440	4,200	8,510	11,900	12,000	14,250	24,600	NA	34,000	40,000	3,060	NA	17,000	13,515	1,140	NA	27,000	27,250
Total Kjeldhal Nitrogen	10	0.9	6.6	4.7	0.8	3	9	11	16	NA	8.8	17	0.8	NA	2	2.3	94	NA	15	6.8

Footnotes: Only the leachate indicator parameters detected in at least one ground-water sample are listed. Cyanide and phenols were not detected.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no saline ground water standards for these parameters.
All data in the above table are in units of milligrams per Liter (mg/L).
RI 1 and RI 2 = data are the results from the two monitoring rounds performed during the remedial investigation.
2007 = data are the results from the preliminary monitoring round performed by the NYCDEP.
Y1PC Avg = the average of the results from the first year of post-closure monitoring.
ND = not detected, NA = not analyzed for, NS = not sampled, R = data qualified as rejected.

Table 9
Comparison of Previous Inorganic Parameter Results to Post-Closure Monitoring Results
Pennsylvania Avenue Landfill, Brooklyn, NY

Parameters Detected	Wells Screened in the Saturated Zone Above the Tidal Marsh Deposit																			
	HP-101U				HP-407U				HP-104A				HP-318				HP-603			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Aluminum	1.74	1.43	0.34	0.03	2.47	0.619	0.01	0.07	3.55	2.32	NS	0.27	0.155 J	1.21	0.096	0.26	1.74	NS	NS	0.25
Antimony	ND	ND	0.007	<0.025	ND	ND	0.007	0.0015	ND	0.037 J	NS	<0.025	ND	ND	<0.02	0.001	ND	NS	NS	<0.025
Arsenic	0.005 J	0.002 J	0.007	0.004	0.003 J	ND	<0.005	0.004	0.003 J	0.003 J	NS	0.004	0.002 J	0.007 J	0.03	0.013	0.004 J	NS	NS	0.009
Barium	0.111 J	0.121 J	0.077	0.0885	0.634	0.63	0.24	1.1	0.360	0.371 J	NS	0.14	0.304	0.191 J	0.11	0.042	0.227	NS	NS	0.072
Calcium	156	132	100	138	99.7	122	96	110	145	155 J	NS	213	209	302 J	240	126	159	NS	NS	208
Chromium	0.005 J	ND	<0.005	<0.025	0.025 J	0.016 J	<0.005	0.007	0.025 J	0.019	NS	0.002	0.006 J	ND	<0.02	<0.025	0.010 J	NS	NS	0.008
Cobalt	0.005 J	ND	<0.005	<0.025	0.017 J	0.014 J	<0.005	0.005	0.009 J	0.009 J	NS	<0.025	0.007 J	0.005 J	<0.02	<0.025	0.009 J	NS	NS	<0.025
Copper	0.066	0.168	0.08	<0.05	0.017 J	0.004 J	<0.01	<0.01	0.028	0.016 J	NS	<0.05	ND	0.010 J	<0.04	<0.05	0.013 J	NS	NS	<0.05
Iron	38.4	5.03	16	20.9	15.1	17.4	0.41	1.2	38.3	29.7 J	NS	3.9	16.3	30.1 J	14	7.6	26	NS	NS	11
Lead	0.173	0.138 J	0.028	0.0015	0.012 J	0.004 J	<0.005	<0.025	0.097 J	0.056 J	NS	0.004	0.004	0.006 J	<0.02	<0.025	0.007 J	NS	NS	<0.025
Magnesium	20.6	8.87	16	22	143	14.1	180	135	126	131	NS	123	192	58.8 J	75	39	55.5	NS	NS	32
Manganese	0.349	0.039	0.65	0.53	0.202	0.468	0.08	0.42	0.391	0.297 J	NS	0.82	0.222	0.478	0.38	0.23	0.329	NS	NS	0.48
Mercury	ND	ND	<0.00025	<0.00025	ND	ND	0.00035	<0.00025	ND	ND	NS	<0.00025	ND	ND	<0.00025	<0.00025	ND	NS	NS	<0.00025
Nickel	0.029	0.027 J	0.02	<0.01	0.018 J	ND	<0.01	0.003	0.011 J	0.018 J	NS	0.0025	ND	ND	<0.04	0.003	0.010 J	NS	NS	0.005
Potassium	16.7	3.47 J	18	12	126	12.4	120	86	46.3	57	NS	53	100	30.3	66	35	59.1	NS	NS	17
Sodium	466	85.1	1,000	548	562	600	68	358	100	151	NS	704	393	77.8	700	1,295	142	NS	NS	74
Vanadium	0.022 J	0.014 J	<0.005	<0.025	0.045 J	0.023 J	<0.005	0.008	0.024 J	0.026 J	NS	<0.025	0.011 J	ND	<0.02	<0.025	0.025 J	NS	NS	<0.025
Zinc	0.464 J	0.734	0.17	0.06	0.038 J	0.015 J	<0.01	<0.05	0.106 J	0.097	NS	0.0025	0.024 J	0.04	<0.04	0.03	0.032 J	NS	NS	0.015

Metals Detected	Wells Screened in the Upper Portion of the Upper Glacial Aquifer								Wells Screened in the Lower Portion of the Upper Glacial Aquifer											
	HP-101S				HP-407S				HP-101D				HP-407D				HP-103D			
	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg	RI 1	RI 2	2007	Y1PC Avg
Aluminum	0.061 J	0.068 J	<0.2	0.003	0.462	0.052 J	0.19	0.015	0.027 J	NS	0.03	<0.05	0.720	NA	0.09	0.30	0.446	NA	3.1	0.93
Antimony	ND	ND	<0.1	<0.025	ND	0.028 J	0.33	0.003	ND	NS	<0.005	<0.025	ND	NA	<0.025	0.000	ND	NA	<0.01	0.012
Arsenic	0.008 J	0.012	<0.1	0.003	0.009 J	ND	0.023	<0.025	0.001 J	NS	0.012	0.020	ND	NA	<0.025	0.012	0.002 J	NA	0.018	0.022
Barium	0.285	0.408	<0.1	0.038	0.104 J	0.153 J	0.12	0.17	0.446	NS	0.11	0.15	0.025 J	NA	0.055	0.060	0.822	NA	0.099	0.12
Calcium	75.6	128	75	36	176	193	200	230	147	NS	330	275	24	NA	260	263	201	NA	370	343
Chromium	0.007 J	ND	<0.1	0.002	ND	ND	<0.02	<0.025	ND	NS	<0.005	0.01	ND	NA	<0.025	0.002	0.009 J	NA	0.009	0.008
Cobalt	0.0035 J	0.005 J	<0.1	<0.025	ND	ND	<0.02	<0.025	ND	NS	<0.005	<0.025	ND	NA	<0.025	<0.025	0.007 J	NA	<0.005	<0.025
Copper	0.0013 J	0.023 J	<0.2	<0.025	0.011 J	0.003 J	<0.04	<0.01	0.013 J	NS	0.02	<0.05	0.010 J	NA	<0.05	<0.01	0.012 J	NA	0.02	<0.05
Iron	32.3	60.6	2.2	0.84	3.27	7.87	9.8	14	76.1	NS	16	10	1.39	NA	21	25	42.1	NA	9.2	6.6
Lead	0.024 J	0.018	<0.1	<0.025	ND	0.002 J	<0.02	<0.025	0.034 J	NS	<0.005	<0.025	0.001 J	NA	<0.025	<0.024	0.059 J	NA	0.009	<0.025
Magnesium	140	9.7	120	115	310	394	440	518	63.2	NS	770	480	31.9	NA	580	613	36	NA	1,000	933
Manganese	1.23	2.35	<0.2	0.04	0.296	0.454	0.46	0.54	0.307	NS	0.82	0.32	0.179	NA	0.98	0.92	5.21	NA	2.5	1.7
Mercury	ND	ND	<0.00025	<0.00025	ND	ND	<0.00025	<0.00025	ND	NS	0.00073	<0.00025	ND	NA	<0.00025	0.00010	ND	NA	0.00038	<0.00025
Nickel	ND	0.035 J	<0.2	<0.01	ND	ND	<0.04	<0.01	ND	NS	<0.01	<0.05	ND	NA	<0.05	<0.01	0.01 J	NA	<0.01	<0.05
Potassium	84.2	3.26 J	140	89	90.2	126	200	258	44.5	NS	380	358	11.1	NA	270	255	28.3	NA	460	402
Sodium	3,980	41.2	3,600	1,420	2,740	3,280	3,400	3,925	6,450	NS	10,000	14,500	289	NA	4,600	4,825	104	NA	8,000	6,565
Vanadium	0.049 J	0.072	<0.1	0.004	0.05 J	0.028 J	<0.02	<0.025	ND	NS	<0.005	<0.025	0.014 J	NA	<0.025	<0.025	0.03 J	NA	0.009	<0.025
Zinc	0.315 J	1.87	<0.2	<0.05	ND	ND	0.09	0.005	ND	NS	0.03	<0.05	ND	NA	0.07	0.008	0.063 J	NA	0.07	0.023

Footnotes: Only the inorganic parameters detected in at least one ground-water sample are listed. Beryllium, cadmium, selenium, silver and thallium were not detected.
Hexavalent chromium was analyzed for during the third quarter 2009 round but was not detected.
The NYSDEC Class GA Standards are for potable ground water. In fact, the ground water at the site is naturally saline and therefore non-potable. There are no saline ground water standards for these parameters.
Standards with the (GV) notation are guidance values only.
All data in the above table are in units of milligrams per Liter (ug/L).
RI 1 and RI 2 = data are the results from the two monitoring rounds performed during the remedial investigation.
2007 = data are the results from the preliminary monitoring round performed by the NYCDEP.
Y1PC Avg = the average of the results from the first year of post-closure monitoring.
ND = not detected, NA = not analyzed for, NS = not sampled, R = data qualified as rejected, J = data qualified as estimated.

ATTACHMENT 2a

Second Quarter 2009 Validated Ground Water-Monitoring Results

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
PENNSYLVANIA AVENUE LANDFILL, NEW YORK

Client: ST Environmental Services, Inc., Glen Cove, New York
SDG: 1452
Laboratory: EcoTest Laboratories, Inc., North Babylon, New York
Site: Pennsylvania Avenue Landfill, New York
Date: September 25, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HP-318	291406.00	Water
2	HP-603	291514.02	Water
3	HP-407-D	291573.02	Water
4	HP-407-U	291573.04	Water
5	HP-101-U	291629.00	Water
6	HP-101-D	291630.01	Water
7	HP-101-S	291630.02	Water
8	HP-104-A	291631.01	Water
8MS	HP-104-AMS	291631.01MS	Water
8MSD	HP-104-AMSD	291631.01MSD	Water
9*	TRIP BLANK	291631.02	Water
10	HP-407-S	291779.01	Water
11	HP-103-D	291779.02	Water
12	BLIND DUPLICATE	291779.03	Water
13	FIELD BLANK	291779.04	Water

* - VOC only

A Data Usability Summary Review was performed on the analytical data for seventeen water samples, one aqueous equipment rinsate sample and one aqueous trip blank sample collected by Severn Trent Environmental Services at the Pennsylvania Avenue Landfill site in New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pest/PCB	USEPA SW-846 Methods 8081A/8082
Metals	USEPA Method 200.7
Mercury	USEPA Method 245.2
Wet Chemistry	USEPA Methods - various

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- One VOC compound was qualified as estimated in four samples due to a low LCS recovery.
- Five SVOC compounds were qualified as estimated in one sample due to low LCS recoveries.
- One SVOC compound was qualified as nondetected in all samples due to method blank and field blank contamination.
- Two SVOC compounds were qualified as estimated in several samples due to high initial calibration %RSD values.
- Several metals compounds were qualified as nondetected in several samples due to field blank contamination.
- One metals compound was qualified as estimated in four samples due to high ICP serial dilution %D values.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
8	2-Hexanone	135%/135%/Ok	None - ND
	Dibromochloromethane	Ok/113%/Ok	None - ND
	1,1,2,2-Tetrachloroethane	Ok/119%/Ok	None - ND

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
LCS	Methyl ethyl ketone	137.2%	None	All ND
	1,1,2,2-Tetrachloroethane	13.4%	J/UJ	10-13

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-	-
FIELD BLANK	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	HP-407-S ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
LCS	2,4,6-Trichlorophenol	29.0%	J/UJ	1
	2,4,5-Trichlorophenol	30.6%	J/UJ	1
	2,4-Dinitrophenol	9.5%	J/UJ	1
	2-Methyl-4,6-dinitrophenol	22.7%	J/UJ	1
	Pentachlorophenol	20.8%	J/UJ	1

Method Blank

- The following table presents compounds detected in the method blanks. Concentrations of common laboratory contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
MB 04/16	bis (2-Ethylhexyl) phthalate	1.7	17	U	1
MB 04/28	bis (2-Ethylhexyl) phthalate	2.01	20.1	U	2-4
MB 05/04	bis (2-Ethylhexyl) phthalate	2.1	21	U	5-8

Field Blank

- The following table presents compounds detected in the method blanks. Concentrations of common laboratory contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
Field Blank	bis (2-Ethylhexyl) phthalate	4.2	42	U	10-12

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 30 percent relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives.

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
04/03/09	n-Nitroso-di-n-propylamine	30.08%	J/UJ	1
05/12/09	2,4-Dinitrophenol	33.52%	J/UJ	10-13

Continuing Calibration

- The following table presents compounds that exceeded 25 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
04/16/09	n-Nitroso-di-n-propylamine	25.3%	None	Already qualified due to ICAL

Compound Quantitation

- No discrepancies were identified.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	HP-407-S ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for preserved water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
10 PCB	DCB1/DCB2	147%/Ok	None - All ND
12 Pest	DCB1/DCB2	164%/146%	None *
13 Pest	DCB1/DCB2	175%/160%	None *

* - The laboratory inadvertently double spiked these samples. No action was taken by the reviewer.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and relative percent differences (RPD).

Laboratory Control Samples

- The LCS sample exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Pest/PCBs				
Compound	HP-407-S ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals/Wet Chemistry

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury, 180 days for all other metals and the recommended holding times for all wet chemistry analyses.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table presents compounds detected in the method blanks. Concentrations of contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FIELD BLANK	Calcium	10	100	U	7
	Copper	0.14	1.4	U	1, 5, 8
	Iron	0.04	0.4	None	All >10X
	Magnesium	0.29	2.9	None	All >10X
	Sodium	3.2	32	None	All >10X
	Zinc	0.1	1.0	U	1, 2, 3, 4, 5, 7, 8, 11
	Hardness	26	260	None	All >10X
	Chloride	9	90	None	No Action for wet chemistry parameters
	TDS	58	580	None	
	Alkalinity	32	320	None	

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

ICP Serial Dilution

- The ICP serial dilution sample exhibited acceptable %D values.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Metals				
Compound	HP-407-S mg/L	BLIND DUPLICATE mg/L	RPD	Qualifier
Aluminum	0.05	0.10	67%	None
Barium	0.19	0.19	0%	None
Calcium	220	220	0%	None
Iron	12	12	0%	None
Magnesium	500	500	0%	None
Manganese	0.51	0.52	2%	None
Potassium	290	250	15%	None
Sodium	4000	3800	5%	None
Hardness	3000	2600	14%	None
Ammonia	10	9.8	2%	None
Chloride	8100	8200	1%	None
Sulfate	650	850	27%	None
TDS	14000	13000	7%	None
TKN	11	10	10%	None
Alkalinity	600	600	0%	None

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 10/01/09

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: MP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		041509	1	EPA8260
Bromomethane	ug/L	< 1		041509	1	EPA8260
Vinyl Chloride	ug/L	< 1		041509	1	EPA8260
Chloroethane	ug/L	< 1		041509	1	EPA8260
Methylene Chloride	ug/L	< 1		041509	1	EPA8260
Acetone	ug/L	< 10		041509	10	EPA8260
Carbon disulfide	ug/L	1		041509	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		041509	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		041509	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		041509	2	EPA8260
Chloroform	ug/L	< 1		041509	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		041509	1	EPA8260
2-Butanone	ug/L	< 10		041509	10	EPA8260
111 Trichloroethane	ug/L	< 1		041509	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		041509	1	EPA8260
Bromodichloromethane	ug/L	< 1		041509	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		041509	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		041509	1	EPA8260
Trichloroethene	ug/L	< 1		041509	1	EPA8260
Chlorodibromomethane	ug/L	< 1		041509	1	EPA8260
112 Trichloroethane	ug/L	< 1		041509	1	EPA8260
Benzene	ug/L	< 1		041509	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		041509	1	EPA8260
Bromoform	ug/L	< 1		041509	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		041509	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		041509	10	EPA8260
Tetrachloroethene	ug/L	< 1		041509	1	EPA8260
Toluene	ug/L	< 1		041509	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		041509	1	EPA8260
Chlorobenzene	ug/L	3		041509	1	EPA8260
Ethyl Benzene	ug/L	< 1		041509	1	EPA8260
Styrene	ug/L	< 1		041509	1	EPA8260
o Xylene	ug/L	< 1		041509	1	EPA8260
m + p Xylene	ug/L	< 2		041509	2	EPA8260
Xylene	ug/L	< 3		041509	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.291514.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210

MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

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
111 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
c-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
112 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
t-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

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MW 9/25/09

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LAB NO.291514.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/l.	< 10		042009	10	EPA8260
Tetrachloroethane	ug/l.	< 1		042009	1	EPA8260
Toluene	ug/l.	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/l.	< 1		042009	1	EPA8260
Chlorobenzene	ug/l.	5		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

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291573.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECRIVED:04/22/09
TIME COL'D:1410
MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042509	1	EPA8260
Bromomethane	ug/L	< 1		042509	1	EPA8260
Vinyl Chloride	ug/L	< 1		042509	1	EPA8260
Chloroethane	ug/L	< 1		042509	1	EPA8260
Methylene Chloride	ug/L	< 1		042509	1	EPA8260
Acetone	ug/L	< 10		042509	10	EPA8260
Carbon disulfide	ug/L	< 1		042509	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042509	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042509	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042509	2	EPA8260
Chloroform	ug/L	< 1		042509	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042509	1	EPA8260
2-Butanone	ug/L	< 10		042509	10	EPA8260
111 Trichloroethane	ug/L	< 1		042509	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042509	1	EPA8260
Bromodichloromethane	ug/L	< 1		042509	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042509	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		042509	1	EPA8260
Trichloroethene	ug/L	< 1		042509	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042509	1	EPA8260
112 Trichloroethane	ug/L	< 1		042509	1	EPA8260
Benzene	ug/L	< 1		042509	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		042509	1	EPA8260
Bromoform	ug/L	< 1		042509	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042509	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

LW 5/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291573.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410

MATRIX:Water SAMPLE: HP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042509	10	EPA8260
Tetrachloroethene	ug/L	< 1		042509	1	EPA8260
Toluene	ug/L	< 1		042509	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042509	1	EPA8260
Chlorobenzene	ug/L	< 1		042509	1	EPA8260
Ethyl Benzene	ug/L	< 1		042509	1	EPA8260
Styrene	ug/L	< 1		042509	1	EPA8260
o Xylene	ug/L	< 1		042509	1	EPA8260
m + p Xylene	ug/L	< 2		042509	2	EPA8260
Xylene	ug/L	< 3		042509	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291573.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042509	1	EPA8260
Bromomethane	ug/L	< 1		042509	1	EPA8260
Vinyl Chloride	ug/L	< 1		042509	1	EPA8260
Chloroethane	ug/L	< 1		042509	1	EPA8260
Methylene Chloride	ug/L	< 1		042509	1	EPA8260
Acetone	ug/L	< 10		042509	10	EPA8260
Carbon disulfide	ug/L	< 1		042509	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042509	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042509	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042509	2	EPA8260
Chloroform	ug/L	< 1		042509	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042509	1	EPA8260
2-Butanone	ug/L	< 10		042509	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042509	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042509	1	EPA8260
Bromodichloromethane	ug/L	< 1		042509	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042509	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042509	1	EPA8260
Trichloroethene	ug/L	< 1		042509	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042509	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042509	1	EPA8260
Benzene	ug/L	3		042509	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042509	1	EPA8260
Bromoform	ug/L	< 1		042509	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042509	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

NY ID# 10320 Page 1 of 8

9/25/09

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LAB NO.291573.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042509	10	EPA8260
Tetrachloroethene	ug/L	< 1		042509	1	EPA8260
Toluene	ug/L	< 1		042509	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042509	1	EPA8260
Chlorobenzene	ug/L	6		042509	1	EPA8260
Ethyl Benzene	ug/L	< 1		042509	1	EPA8260
Styrene	ug/L	< 1		042509	1	EPA8260
o Xylene	ug/L	< 1		042509	1	EPA8260
m + p Xylene	ug/L	< 2		042509	2	EPA8260
Xylene	ug/L	< 3		042509	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MW 9/25/09

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.291629.00 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042809	1	EPA8260
Bromomethane	ug/L	< 1		042809	1	EPA8260
Vinyl Chloride	ug/L	< 1		042809	1	EPA8260
Chloroethane	ug/L	< 1		042809	1	EPA8260
Methylene Chloride	ug/L	< 1		042809	1	EPA8260
Acetone	ug/L	< 10		042809	10	EPA8260
Carbon disulfide	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042809	2	EPA8260
Chloroform	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042809	1	EPA8260
2-Butanone	ug/L	< 10		042809	10	EPA8260
111 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042809	1	EPA8260
Bromodichloromethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042809	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Trichloroethene	ug/L	< 1		042809	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042809	1	EPA8260
112 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Benzene	ug/L	< 1		042809	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Bromoform	ug/L	< 1		042809	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042809	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-U (low flow sampling) collected at 16:15
HP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

cn = 8807 NYSDOH ID # 10320 Page 1 of 10

RW 4/25/09

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.291629.00 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042809	10	EPA8260
Tetrachloroethene	ug/L	< 1		042809	1	EPA8260
Toluene	ug/L	< 1		042809	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042809	1	EPA8260
Chlorobenzene	ug/L	3		042809	1	EPA8260
Ethyl Benzene	ug/L	< 1		042809	1	EPA8260
Styrene	ug/L	< 1		042809	1	EPA8260
o Xylene	ug/L	< 1		042809	1	EPA8260
m + p Xylene	ug/L	< 2		042809	2	EPA8260
Xylene	ug/L	< 3		042809	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-U (low flow sampling) collected at 16:15
MP-101-U (with bailer after purging 3 well volumes)
collected at 16;40.

DIRECTOR

cn = 8808 NY400H ID # 10320 Page 2 of 10

MW 9/25/09

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.291630.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042809	1	EPA8260
Bromomethane	ug/L	< 1		042809	1	EPA8260
Vinyl Chloride	ug/L	< 1		042809	1	EPA8260
Chloroethane	ug/L	< 1		042809	1	EPA8260
Methylene Chloride	ug/L	< 1		042809	1	EPA8260
Acetone	ug/L	< 10		042809	10	EPA8260
Carbon disulfide	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042809	2	EPA8260
Chloroform	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042809	1	EPA8260
2-Butanone	ug/L	< 10		042809	10	EPA8260
111 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042809	1	EPA8260
Bromodichloromethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042809	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Trichloroethene	ug/L	< 1		042809	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042809	1	EPA8260
112 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Benzene	ug/L	< 1		042809	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Bromoform	ug/L	< 1		042809	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042809	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-D (low flow sampling) collected at 11:10
HP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

cw = 8818 NYSDOH ID # 10320 Page 1 of 1

MW 9/25/09

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.291630.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042809	10	EPA8260
Tetrachloroethene	ug/L	< 1		042809	1	EPA8260
Toluene	ug/L	< 1		042809	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042809	1	EPA8260
Chlorobenzene	ug/L	< 1		042809	1	EPA8260
Ethyl Benzene	ug/L	< 1		042809	1	EPA8260
Styrene	ug/L	< 1		042809	1	EPA8260
o Xylene	ug/L	< 1		042809	1	EPA8260
m + p Xylene	ug/L	< 2		042809	2	EPA8260
Xylene	ug/L	< 3		042809	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-D (low flow sampling) collected at 11:10
MP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

rn = 8819 NYSDOH ID # 10320 Page 2 of 10

NW 9/25/09

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.291630.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042809	1	EPA8260
Bromomethane	ug/L	< 1		042809	1	EPA8260
Vinyl Chloride	ug/L	< 1		042809	1	EPA8260
Chloroethane	ug/L	< 1		042809	1	EPA8260
Methylene Chloride	ug/L	< 1		042809	1	EPA8260
Acetone	ug/L	< 10		042809	10	EPA8260
Carbon disulfide	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042809	2	EPA8260
Chloroform	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042809	1	EPA8260
2-Butanone	ug/L	< 10		042809	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042809	1	EPA8260
Bromodichloromethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042809	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Trichloroethene	ug/L	< 1		042809	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042809	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Benzene	ug/L	< 1		042809	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Bromoform	ug/L	< 1		042809	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042809	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-S (low flow sampling) collected at 13:10
MP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

nw 9/25/09

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.291630.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042809	10	EPA8260
Tetrachloroethene	ug/L	< 1		042809	1	EPA8260
Toluene	ug/L	< 1		042809	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042809	1	EPA8260
Chlorobenzene	ug/L	< 1		042809	1	EPA8260
Ethyl Benzene	ug/L	< 1		042809	1	EPA8260
Styrene	ug/L	< 1		042809	1	EPA8260
o Xylene	ug/L	< 1		042809	1	EPA8260
m + p Xylene	ug/L	< 2		042809	2	EPA8260
Xylene	ug/L	< 3		042809	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-S (low flow sampling) collected at 13:10
HP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

9/25/09

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.291631.01 05/07/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042809	1	EPA8260
Bromomethane	ug/L	< 1		042809	1	EPA8260
Vinyl Chloride	ug/L	< 1		042809	1	EPA8260
Chloroethane	ug/L	< 1		042809	1	EPA8260
Methylene Chloride	ug/L	< 1		042809	1	EPA8260
Acetone	ug/L	< 10		042809	10	EPA8260
Carbon disulfide	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042809	2	EPA8260
Chloroform	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042809	1	EPA8260
2-Butanone	ug/L	< 10		042809	10	EPA8260
111 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042809	1	EPA8260
Bromodichloromethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042809	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Trichloroethene	ug/L	< 1		042809	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042809	1	EPA8260
112 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Benzene	ug/L	< 1		042809	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Bromoform	ug/L	< 1		042809	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042809	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

9/25/09

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.291631.01 05/07/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042809	10	EPA8260
Tetrachloroethene	ug/L	< 1		042809	1	EPA8260
Toluene	ug/L	< 1		042809	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042809	1	EPA8260
Chlorobenzene	ug/L	4		042809	1	EPA8260
Ethyl Benzene	ug/L	< 1		042809	1	EPA8260
Styrene	ug/L	< 1		042809	1	EPA8260
o Xylene	ug/L	< 1		042809	1	EPA8260
m + p Xylene	ug/L	< 2		042809	2	EPA8260
Xylene	ug/L	< 3		042809	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-104-A (low flow sampling) collected at 13:15
MP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

MW 9/25/09

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.291631.02 05/07/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042809	1	EPA8260
Bromomethane	ug/L	< 1		042809	1	EPA8260
Vinyl Chloride	ug/L	< 1		042809	1	EPA8260
Chloroethane	ug/L	< 1		042809	1	EPA8260
Methylene Chloride	ug/L	< 1		042809	1	EPA8260
Acetone	ug/L	< 10		042809	10	EPA8260
Carbon disulfide	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042809	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042809	2	EPA8260
Chloroform	ug/L	< 1		042809	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042809	1	EPA8260
2-Butanone	ug/L	< 10		042809	10	EPA8260
111 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042809	1	EPA8260
Bromodichloromethane	ug/L	< 1		042809	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042809	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Trichloroethene	ug/L	< 1		042809	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042809	1	EPA8260
112 Trichloroethane	ug/L	< 1		042809	1	EPA8260
Benzene	ug/L	< 1		042809	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		042809	1	EPA8260
Bromoform	ug/L	< 1		042809	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042809	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ELAP # 10320 NYSDOH ID # 10320 Page 1 of 2

9/25/09

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.291631.02 05/07/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042809	10	EPA8260
Tetrachloroethene	ug/L	< 1		042809	1	EPA8260
Toluene	ug/L	< 1		042809	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042809	1	EPA8260
Chlorobenzene	ug/L	< 1		042809	1	EPA8260
Ethyl Benzene	ug/L	< 1		042809	1	EPA8260
Styrene	ug/L	< 1		042809	1	EPA8260
o Xylene	ug/L	< 1		042809	1	EPA8260
m + p Xylene	ug/L	< 2		042809	2	EPA8260
Xylene	ug/L	< 3		042809	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

9/25/09

Certified Environmental 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.291779.01 05/22/09

ST. Environmental Services. Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		051109	1	EPA8260
Bromomethane	ug/L	< 1		051109	1	EPA8260
Vinyl Chloride	ug/L	< 1		051109	1	EPA8260
Chloroethane	ug/L	< 1		051109	1	EPA8260
Methylene Chloride	ug/L	< 1		051109	1	EPA8260
Acetone	ug/L	< 10		051109	10	EPA8260
Carbon disulfide	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		051109	1	EPA8260
t,2 Dichloroethene	ug/L	< 2		051109	2	EPA8260
Chloroform	ug/L	< 1		051109	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		051109	1	EPA8260
2-Butanone	ug/L	< 10		051109	10	EPA8260
111 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		051109	1	EPA8260
Bromodichloromethane	ug/L	< 1		051109	1	EPA8260
,2 Dichloropropane	ug/L	< 1		051109	1	EPA8260
s-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Trichloroethene	ug/L	< 1		051109	1	EPA8260
Chlorodibromomethane	ug/L	< 1		051109	1	EPA8260
12 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Benzene	ug/L	< 1		051109	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Bromoform	ug/L	< 1		051109	1	EPA8260
-Methyl-2-Pentanone	ug/L	< 10		051109	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

cm = 9504 NYSDOH ID # 10320 Page 1 of 10

Analytical results relate to the

9/25/09

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.291779.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 1		051109	10	EPA8260
Tetrachloroethene	ug/L	< 1		051109	1	EPA8260
Toluene	ug/L	< 1		051109	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	UJ	051109	1	EPA8260
Chlorobenzene	ug/L	< 1		051109	1	EPA8260
Ethyl Benzene	ug/L	< 1		051109	1	EPA8260
Styrene	ug/L	< 1		051109	1	EPA8260
o Xylene	ug/L	< 1		051109	1	EPA8260
m + p Xylene	ug/L	< 2		051109	2	EPA8260
Xylene	ug/L	< 3		051109	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-407-S (low flow sampling) collected at 11:35
HP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

LW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		051109	1	EPA8260
Bromomethane	ug/L	< 1		051109	1	EPA8260
Vinyl Chloride	ug/L	< 1		051109	1	EPA8260
Chloroethane	ug/L	< 1		051109	1	EPA8260
Methylene Chloride	ug/L	< 1		051109	1	EPA8260
Acetone	ug/L	< 10		051109	10	EPA8260
Carbon disulfide	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		051109	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		051109	2	EPA8260
Chloroform	ug/L	< 1		051109	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		051109	1	EPA8260
2-Butanone	ug/L	< 10		051109	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		051109	1	EPA8260
Bromodichloromethane	ug/L	< 1		051109	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		051109	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Trichloroethene	ug/L	< 1		051109	1	EPA8260
Chlorodibromomethane	ug/L	< 1		051109	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Benzene	ug/L	< 1		051109	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Bromoform	ug/L	< 1		051109	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		051109	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-103-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

ELAP # 11694 NYSDOH ID # 10320 Page 1 of 10

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 1		051109	10	EPA8260
Tetrachloroethene	ug/L	< 1		051109	1	EPA8260
Toluene	ug/L	< 1		051109	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	UJ	051109	1	EPA8260
Chlorobenzene	ug/L	< 1		051109	1	EPA8260
Ethyl Benzene	ug/L	< 1		051109	1	EPA8260
Styrene	ug/L	< 1		051109	1	EPA8260
o Xylene	ug/L	< 1		051109	1	EPA8260
m + p Xylene	ug/L	< 2		051109	2	EPA8260
Xylene	ug/L	< 3		051109	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-104-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

NW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.03 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		051109	1	EPA8260
Bromomethane	ug/L	< 1		051109	1	EPA8260
Vinyl Chloride	ug/L	< 1		051109	1	EPA8260
Chloroethane	ug/L	< 1		051109	1	EPA8260
Methylene Chloride	ug/L	< 1		051109	1	EPA8260
Acetone	ug/L	< 10		051109	10	EPA8260
Carbon disulfide	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		051109	1	EPA8260
1,2-Dichloroethene	ug/L	< 2		051109	2	EPA8260
Chloroform	ug/L	< 1		051109	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		051109	1	EPA8260
2-Butanone	ug/L	< 10		051109	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		051109	1	EPA8260
Bromodichloromethane	ug/L	< 1		051109	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		051109	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Trichloroethene	ug/L	< 1		051109	1	EPA8260
Chlorodibromomethane	ug/L	< 1		051109	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Benzene	ug/L	< 1		051109	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Bromoform	ug/L	< 1		051109	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		051109	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 9614 NYSDOH ID # 10320 Page 1 of 10

DW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.03 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 1		051109	10	EPA8260
Tetrachloroethene	ug/L	< 1		051109	1	EPA8260
Toluene	ug/L	< 1		051109	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	UJ	051109	1	EPA8260
Chlorobenzene	ug/L	< 1		051109	1	EPA8260
Ethyl Benzene	ug/L	< 1		051109	1	EPA8260
Styrene	ug/L	< 1		051109	1	EPA8260
o Xylene	ug/L	< 1		051109	1	EPA8260
m + p Xylene	ug/L	< 2		051109	2	EPA8260
Xylene	ug/L	< 3		051109	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.04 05/22/09

SF. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		051109	1	EPA8260
Bromomethane	ug/L	< 1		051109	1	EPA8260
Vinyl Chloride	ug/L	< 1		051109	1	EPA8260
Chloroethane	ug/L	< 1		051109	1	EPA8260
Methylene Chloride	ug/L	< 1		051109	1	EPA8260
Acetone	ug/L	< 10		051109	10	EPA8260
Carbon disulfide	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		051109	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		051109	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		051109	2	EPA8260
Chloroform	ug/L	< 1		051109	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		051109	1	EPA8260
2-Butanone	ug/L	< 10		051109	10	EPA8260
111 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		051109	1	EPA8260
Bromodichloromethane	ug/L	< 1		051109	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		051109	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Trichloroethene	ug/L	< 1		051109	1	EPA8260
Chlorodibromomethane	ug/L	< 1		051109	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		051109	1	EPA8260
Benzene	ug/L	< 1		051109	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		051109	1	EPA8260
Bromoform	ug/L	< 1		051109	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		051109	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 9624 NYSDOH ID # 10320 Page 1 of 10

9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291779.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930

MATRIX;Water SAMPLE; Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 1		051109	10	EPA8260
Tetrachloroethene	ug/L	< 1		051109	1	EPA8260
Toluene	ug/L	< 1		051109	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	UJ	051109	1	EPA8260
Chlorobenzene	ug/L	< 1		051109	1	EPA8260
Ethyl Benzene	ug/L	< 1		051109	1	EPA8260
Styrene	ug/L	< 1		051109	1	EPA8260
o Xylene	ug/L	< 1		051109	1	EPA8260
m + p Xylene	ug/L	< 2		051109	2	EPA8260
Xylene	ug/L	< 3		051109	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 9625 NYSDOH ID # 10320 Page 2 of 10

9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		041609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		041609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		041609	1	EPA8270
Carbazole	ug/L	< 1		041609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		041609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		041609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1	UJ	041609	1	EPA8270
Hexachloroethane	ug/L	< 1		041609	1	EPA8270
Nitrobenzene	ug/L	< 1		041609	1	EPA8270
Isophorone	ug/L	< 1		041609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		041609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		041609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		041609	1	EPA8270
4-Chloroaniline	ug/L	< 1		041609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		041609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		041609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		041609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		041609	1	EPA8270
2-Nitroaniline	ug/L	< 1		041609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		041609	1	EPA8270
Acenaphthylene	ug/L	< 1		041609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		041609	1	EPA8270
3-Nitroaniline	ug/L	< 1		041609	1	EPA8270
Acenaphthene	ug/L	< 1		041609	1	EPA8270
Dibenzofuran	ug/L	< 1		041609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7522 NYSDOH ID # 10320 Page 3 of 10

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: MP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		041609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		041609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		041609	1	EPA8270
Fluorene	ug/L	< 1		041609	1	EPA8270
4-Nitroaniline	ug/L	< 1		041609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		041609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		041609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		041609	1	EPA8270
Phenanthrene	ug/L	< 1		041609	1	EPA8270
Anthracene	ug/L	< 1		041609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		041609	1	EPA8270
Fluoranthene	ug/L	< 1		041609	1	EPA8270
Pyrene	ug/L	< 1		041609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		041609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		041609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		041609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 7521 NYSDOH ID # 10320 Page 4 of 10

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		041609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	5.6 u	#	041609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		041609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		041609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		041609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		041609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		041609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		041609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		041609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

#Method blank contains 1.7 ug/L of bis(2-ethylhexyl) phthalate.

DIRECTOR

cn = 7524 NYSDOH ID # 10320 Page 5 of 10

dw 9/25/09

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.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530
MATRIX:Water SAMPLE: MP-318

ANALYTICAL PARAMETERS	UNITS	RESULT		FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1			041609	1	EPA8270
2-Chlorophenol	ug/L	< 1			041609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1			041609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1			041609	1	EPA8270
2-Nitrophenol	ug/L	< 1			041609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1			041609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1			041609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1			041609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1	UJ	*	041609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1	↓	*	041609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10	↓	*	041609	10	EPA8270
4-Nitrophenol	ug/L	< 10			041609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10	UJ	*	041609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10	↓	*	041609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: *LCS recovery for these compounds were below limits.

DIRECTOR

cn = 7525 NYSDOH ID # 10320 Page 6 of 10

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QW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291514.02 05/04/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042809	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
Carbazole	ug/L	< 1		042809	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042809	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042809	1	EPA8270
Hexachloroethane	ug/L	< 1		042809	1	EPA8270
Nitrobenzene	ug/L	< 1		042809	1	EPA8270
Isophorone	ug/L	< 1		042809	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042809	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		042809	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042809	1	EPA8270
4-Chloroaniline	ug/L	< 1		042809	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042809	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042809	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042809	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042809	1	EPA8270
2-Nitroaniline	ug/L	< 1		042809	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042809	1	EPA8270
Acenaphthylene	ug/L	< 1		042809	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042809	1	EPA8270
3-Nitroaniline	ug/L	< 1		042809	1	EPA8270
Acenaphthene	ug/L	1.1		042809	1	EPA8270
Dibenzofuran	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ru = 3290 NYSDOH ID # 10320 Page 3 of 9

qw 9/25/09

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.291514.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042809	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042809	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042809	1	EPA8270
Fluorene	ug/L	< 1		042809	1	EPA8270
4-Nitroaniline	ug/L	< 1		042809	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042809	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042809	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042809	1	EPA8270
Phenanthrene	ug/L	< 1		042809	1	EPA8270
Anthracene	ug/L	< 1		042809	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042809	1	EPA8270
Fluoranthene	ug/L	< 1		042809	1	EPA8270
Pyrene	ug/L	< 1		042809	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042809	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		042809	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

LW 9/25/09

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.291514.02 05/04/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042809	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	11 U	@	042809	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042809	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042809	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042809	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042809	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042809	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042809	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 2.01 ug/L in method blank.

DIRECTOR

MW 9/25/09

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.291514.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042809	1	EPA8270
2-Chlorophenol	ug/L	< 1		042809	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042809	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042809	1	EPA8270
2-Nitrophenol	ug/L	< 1		042809	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042809	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042809	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042809	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042809	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042809	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042809	10	EPA8270
4-Nitrophenol	ug/L	< 10		042809	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042809	10	EPA8270
Pentachlorophenol (ma)	ug/L	< 10		042809	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

WW 9/25/09

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.291573.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN; Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410
MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042809	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
Carbazole	ug/L	< 1		042809	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042809	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042809	1	EPA8270
Hexachloroethane	ug/L	< 1		042809	1	EPA8270
Nitrobenzene	ug/L	< 1		042809	1	EPA8270
Isophorone	ug/L	< 1		042809	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042809	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		042809	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042809	1	EPA8270
4-Chloroaniline	ug/L	< 1		042809	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042809	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042809	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042809	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042809	1	EPA8270
2-Nitroaniline	ug/L	< 1		042809	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042809	1	EPA8270
Acenaphthylene	ug/L	< 1		042809	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042809	1	EPA8270
3-Nitroaniline	ug/L	< 1		042809	1	EPA8270
Acenaphthene	ug/L	< 1		042809	1	EPA8270
Dibenzofuran	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 8535 NYSDOH ID # 10320 Page 3 of 8

LW 9/25/09

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.291573.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410
MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042809	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042809	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042809	1	EPA8270
Fluorene	ug/L	< 1		042809	1	EPA8270
4-Nitroaniline	ug/L	< 1		042809	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042809	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042809	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042809	1	EPA8270
Phenanthrene	ug/L	< 1		042809	1	EPA8270
Anthracene	ug/L	< 1		042809	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042809	1	EPA8270
Fluoranthene	ug/L	< 1		042809	1	EPA8270
Pyrene	ug/L	< 1		042809	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042809	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		042809	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 8536 NYSDOH ID # 10320 Page 4 of 8

MW 9/25/09

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.291573.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410
MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042809	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	9.3 u	@	042809	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042809	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042809	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042809	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042809	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042809	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042809	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 2.01 ug/L in method blank.

DIRECTOR

rm = 8537 NYSDOH ID # 10320 Page 5 of 8

NW 9/25/09

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.291573.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042809	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
Carbazole	ug/L	< 1		042809	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042809	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042809	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042809	1	EPA8270
Hexachloroethane	ug/L	< 1		042809	1	EPA8270
Nitrobenzene	ug/L	< 1		042809	1	EPA8270
Isophorone	ug/L	< 1		042809	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042809	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		042809	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042809	1	EPA8270
4-Chloroaniline	ug/L	< 1		042809	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042809	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042809	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042809	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042809	1	EPA8270
2-Nitroaniline	ug/L	< 1		042809	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042809	1	EPA8270
Acenaphthylene	ug/L	< 1		042809	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042809	1	EPA8270
3-Nitroaniline	ug/L	< 1		042809	1	EPA8270
Acenaphthene	ug/L	1.3		042809	1	EPA8270
Dibenzofuran	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

9/25/09

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.291573.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410

MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042809	1	EPA8270
2-Chlorophenol	ug/L	< 1		042809	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042809	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042809	1	EPA8270
2-Nitrophenol	ug/L	< 1		042809	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042809	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042809	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042809	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042809	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042809	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042809	10	EPA8270
4-Nitrophenol	ug/L	< 10		042809	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042809	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042809	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

NW 9/25/09

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.291573.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042809	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042809	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042809	1	EPA8270
Fluorene	ug/L	< 1		042809	1	EPA8270
4-Nitroaniline	ug/L	< 1		042809	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042809	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042809	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042809	1	EPA8270
Phenanthrene	ug/L	< 1		042809	1	EPA8270
Anthracene	ug/L	< 1		042809	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042809	1	EPA8270
Fluoranthene	ug/L	< 1		042809	1	EPA8270
Pyrene	ug/L	< 1		042809	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042809	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		042809	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 8546 NYSDOH ID #10320 Page 4 of 8

CW 9/25/09

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.291573.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042809	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	10 u	@	042809	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042809	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042809	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042809	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042809	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042809	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042809	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 2.01 ug/L in method blank.

DIRECTOR

cn = 8547 NYSDOH ID # 10420 Page 5 of 8

LW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291573.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: HP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042809	1	EPA8270
2-Chlorophenol	ug/L	< 1		042809	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042809	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042809	1	EPA8270
2-Nitrophenol	ug/L	< 1		042809	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042809	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042809	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042809	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042809	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042809	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042809	10	EPA8270
4-Nitrophenol	ug/L	< 10		042809	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042809	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042809	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 8548 NYSDOH ID # 10320 Page 6 of 8

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291629.00 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		050409	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Carbazole	ug/L	< 1		050409	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		050409	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		050409	1	EPA8270
Hexachloroethane	ug/L	< 1		050409	1	EPA8270
Nitrobenzene	ug/L	< 1		050409	1	EPA8270
Isophorone	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		050409	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		050409	1	EPA8270
Naphthalene(sv)	ug/L	< 1		050409	1	EPA8270
4-Chloroaniline	ug/L	< 1		050409	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		050409	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		050409	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		050409	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		050409	1	EPA8270
2-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		050409	1	EPA8270
Acenaphthylene	ug/L	< 1		050409	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
3-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Acenaphthene	ug/L	< 1		050409	1	EPA8270
Dibenzofuran	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-U (low flow sampling) collected at 16:15
HP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291629.00 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
Diethyl Phthalate	ug/L	< 1		050409	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Fluorene	ug/L	< 1		050409	1	EPA8270
4-Nitroaniline	ug/L	< 1		050409	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		050409	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Hexachlorobenzene	ug/L	< 1		050409	1	EPA8270
Phenanthrene	ug/L	< 1		050409	1	EPA8270
Anthracene	ug/L	< 1		050409	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		050409	1	EPA8270
Fluoranthene	ug/L	< 1		050409	1	EPA8270
Pyrene	ug/L	< 1		050409	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		050409	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		050409	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-U (low flow sampling) collected at 16:15
MP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

cc = 8810 NYSDOH ID # 10320 Page 4 of 10

9/25/09

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.291629.00 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		050409	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	11 u	@	050409	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		050409	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		050409	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		050409	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		050409	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-U (low flow sampling) collected at 16:15
HP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.
@Detected 2.10 ug/L in method blank.

DIRECTOR

WS 9/25/09

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.291629.00 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		050409	1	EPA8270
2-Chlorophenol	ug/L	< 1		050409	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		050409	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		050409	1	EPA8270
2-Nitrophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		050409	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		050409	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		050409	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		050409	10	EPA8270
4-Nitrophenol	ug/L	< 10		050409	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		050409	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		050409	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-U (low flow sampling) collected at 16:15
HP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

CW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291630.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		050409	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Carbazole	ug/L	< 1		050409	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		050409	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		050409	1	EPA8270
Hexachloroethane	ug/L	< 1		050409	1	EPA8270
Nitrobenzene	ug/L	< 1		050409	1	EPA8270
Isophorone	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		050409	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		050409	1	EPA8270
Naphthalene(sv)	ug/L	< 1		050409	1	EPA8270
4-Chloroaniline	ug/L	< 1		050409	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		050409	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		050409	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		050409	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		050409	1	EPA8270
2-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		050409	1	EPA8270
Acenaphthylene	ug/L	< 1		050409	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
3-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Acenaphthene	ug/L	< 1		050409	1	EPA8270
Dibenzofuran	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-D (low flow sampling) collected at 11:10
MP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

rm = 8840 NYSDOH ID # 10320 Page 1 of 1

AW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291630.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
Diethyl Phthalate	ug/L	< 1		050409	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Fluorene	ug/L	< 1		050409	1	EPA8270
4-Nitroaniline	ug/L	< 1		050409	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		050409	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Hexachlorobenzene	ug/L	< 1		050409	1	EPA8270
Phenanthrene	ug/L	< 1		050409	1	EPA8270
Anthracene	ug/L	< 1		050409	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		050409	1	EPA8270
Fluoranthene	ug/L	< 1		050409	1	EPA8270
Pyrene	ug/L	< 1		050409	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		050409	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		050409	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-D (low flow sampling) collected at 11:10
MP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

MW 9/25/09

* Indicates deviation from the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291630.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		050409	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	9 u	@	050409	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		050409	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		050409	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		050409	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		050409	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-D (low flow sampling) collected at 11:10
HP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.
@Detected 2.10 ug/L in method blank.

DIRECTOR

cn = 8822 NYSDOH ID # 10320 Page 5 of 1Page 74

MW 9/25/09

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.291630.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		050409	1	EPA8270
2-Chlorophenol	ug/L	< 1		050409	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		050409	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		050409	1	EPA8270
2-Nitrophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		050409	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		050409	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		050409	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		050409	10	EPA8270
4-Nitrophenol	ug/L	< 10		050409	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		050409	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		050409	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-D (low flow sampling) collected at 11:10
HP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

rm = 8823 NYSDOH ID # 10320 Page 6 of 7

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Analytical results relate to the samples as received by the laboratory

MW 9/25/09

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.291630.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		050409	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Carbazole	ug/L	< 1		050409	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		050409	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		050409	1	EPA8270
Hexachloroethane	ug/L	< 1		050409	1	EPA8270
Nitrobenzene	ug/L	< 1		050409	1	EPA8270
Isophorone	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		050409	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		050409	1	EPA8270
Naphthalene(sv)	ug/L	< 1		050409	1	EPA8270
4-Chloroaniline	ug/L	< 1		050409	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		050409	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		050409	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		050409	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		050409	1	EPA8270
2-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		050409	1	EPA8270
Acenaphthylene	ug/L	< 1		050409	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
3-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Acenaphthene	ug/L	< 1		050409	1	EPA8270
Dibenzofuran	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-S (low flow sampling) collected at 13:10
MP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

LW 9/25/09

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.291630.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
Diethyl Phthalate	ug/L	< 1		050409	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Fluorene	ug/L	< 1		050409	1	EPA8270
4-Nitroaniline	ug/L	< 1		050409	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		050409	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Hexachlorobenzene	ug/L	< 1		050409	1	EPA8270
Phenanthrene	ug/L	< 1		050409	1	EPA8270
Anthracene	ug/L	< 1		050409	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		050409	1	EPA8270
Fluoranthene	ug/L	< 1		050409	1	EPA8270
Pyrene	ug/L	< 1		050409	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		050409	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		050409	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-S (low flow sampling) collected at 13:10
HP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

LWS 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291630.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
Diethyl Phthalate	ug/L	< 1		050409	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Fluorene	ug/L	< 1		050409	1	EPA8270
4-Nitroaniline	ug/L	< 1		050409	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		050409	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Hexachlorobenzene	ug/L	< 1		050409	1	EPA8270
Phenanthrene	ug/L	< 1		050409	1	EPA8270
Anthracene	ug/L	< 1		050409	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		050409	1	EPA8270
Fluoranthene	ug/L	< 1		050409	1	EPA8270
Pyrene	ug/L	< 1		050409	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		050409	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		050409	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-S (low flow sampling) collected at 13:10
MP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

LW 9/25/09

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.291630.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		050409	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	15	@	050409	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		050409	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		050409	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		050409	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		050409	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-S (low flow sampling) collected at 13:10
HP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.
@Detected 2.10 ug/L in method blank.

DIRECTOR

9/25/09

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.291630.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		050409	1	EPA8270
2-Chlorophenol	ug/L	< 1		050409	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		050409	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		050409	1	EPA8270
2-Nitrophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		050409	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		050409	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		050409	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		050409	10	EPA8270
4-Nitrophenol	ug/L	< 10		050409	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		050409	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		050409	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-S (low flow sampling) collected at 13:10
HP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

9/25/09

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.291631.01 05/07/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		050409	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Carbazole	ug/L	< 1		050409	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		050409	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		050409	1	EPA8270
Hexachloroethane	ug/L	< 1		050409	1	EPA8270
Nitrobenzene	ug/L	< 1		050409	1	EPA8270
Isophorone	ug/L	< 1		050409	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		050409	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		050409	1	EPA8270
Naphthalene(sv)	ug/L	< 1		050409	1	EPA8270
4-Chloroaniline	ug/L	< 1		050409	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		050409	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		050409	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		050409	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		050409	1	EPA8270
2-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		050409	1	EPA8270
Acenaphthylene	ug/L	< 1		050409	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
3-Nitroaniline	ug/L	< 1		050409	1	EPA8270
Acenaphthene	ug/L	< 1		050409	1	EPA8270
Dibenzofuran	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

lw 9/25/09

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.291631.01 05/07/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		050409	1	EPA8270
Diethyl Phthalate	ug/L	< 1		050409	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Fluorene	ug/L	< 1		050409	1	EPA8270
4-Nitroaniline	ug/L	< 1		050409	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		050409	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		050409	1	EPA8270
Hexachlorobenzene	ug/L	< 1		050409	1	EPA8270
Phenanthrene	ug/L	< 1		050409	1	EPA8270
Anthracene	ug/L	< 1		050409	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		050409	1	EPA8270
Fluoranthene	ug/L	< 1		050409	1	EPA8270
Pyrene	ug/L	< 1		050409	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		050409	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		050409	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

MW 9/25/09

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.291631.01 05/07/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		050409	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	11 u	@	050409	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		050409	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		050409	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		050409	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		050409	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		050409	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		050409	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.
@Detected 2.10 ug/L in method blank.

DIRECTOR

rm = 8844 NYSDOH ID # 10320 Page 5 of 10

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9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291631.01 05/07/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		050409	1	EPA8270
2-Chlorophenol	ug/L	< 1		050409	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		050409	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		050409	1	EPA8270
2-Nitrophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		050409	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		050409	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		050409	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		050409	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		050409	10	EPA8270
4-Nitrophenol	ug/L	< 10		050409	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		050409	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		050409	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-104-A (low flow sampling) collected at 13:15
MP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

rm = 8845 NYSDOH ID # 10320 Page 6 of 10

LW 9/25/09

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.291779.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		051209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Carbazole	ug/L	< 1		051209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		051209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		051209	1	EPA8270
Hexachloroethane	ug/L	< 1		051209	1	EPA8270
Nitrobenzene	ug/L	< 1		051209	1	EPA8270
Isophorone	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		051209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		051209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		051209	1	EPA8270
4-Chloroaniline	ug/L	< 1		051209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		051209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		051209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		051209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		051209	1	EPA8270
2-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		051209	1	EPA8270
Acenaphthylene	ug/L	< 1		051209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
3-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Acenaphthene	ug/L	< 1		051209	1	EPA8270
Dibenzofuran	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-407-S (low flow sampling) collected at 11:35
HP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

9/25/09

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.291779.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		051209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Fluorene	ug/L	< 1		051209	1	EPA8270
4-Nitroaniline	ug/L	< 1		051209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		051209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		051209	1	EPA8270
Phenanthrene	ug/L	< 1		051209	1	EPA8270
Anthracene	ug/L	< 1		051209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		051209	1	EPA8270
Fluoranthene	ug/L	< 1		051209	1	EPA8270
Pyrene	ug/L	< 1		051209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		051209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		051209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

NYSDOH ID # 10320 Page 4 of 10

LW 9/25/09

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.291779.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		051209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	13 u	#	051209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		051209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		051209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		051209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		051209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.
#No phthalates detected in method blank.

DIRECTOR

ww 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291779.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		051209	1	EPA8270
2-Chlorophenol	ug/L	< 1		051209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		051209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		051209	1	EPA8270
2-Nitrophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		051209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		051209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		051209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10	UJ	051209	10	EPA8270
4-Nitrophenol	ug/L	< 10		051209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		051209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		051209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennaylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		051209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Carbazole	ug/L	< 1		051209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		051209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		051209	1	EPA8270
Hexachloroethane	ug/L	< 1		051209	1	EPA8270
Nitrobenzene	ug/L	< 1		051209	1	EPA8270
Isophorone	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		051209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		051209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		051209	1	EPA8270
4-Chloroaniline	ug/L	< 1		051209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		051209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		051209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		051209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		051209	1	EPA8270
2-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		051209	1	EPA8270
Acenaphthylene	ug/L	< 1		051209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
3-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Acenaphthene	ug/L	< 1		051209	1	EPA8270
Dibenzofuran	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-103-D (low flow sampling) collected at 10:20
HP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		051209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Fluorene	ug/L	< 1		051209	1	EPA8270
4-Nitroaniline	ug/L	< 1		051209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		051209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		051209	1	EPA8270
Phenanthrene	ug/L	< 1		051209	1	EPA8270
Anthracene	ug/L	< 1		051209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.6	#	051209	1	EPA8270
Fluoranthene	ug/L	< 1		051209	1	EPA8270
Pyrene	ug/L	< 1		051209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		051209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		051209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-103-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.
#No phthalates detected in method blank.

DIRECTOR

JW 9/25/09

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.291/79.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		051209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	26 u	#	051209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		051209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		051209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		051209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		051209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-103-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.
#No phthalates detected in method blank.

DIRECTOR

LW 9/25/09

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LAB NO.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		051209	1	EPA8270
2-Chlorophenol	ug/L	< 1		051209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		051209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		051209	1	EPA8270
2-Nitrophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		051209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		051209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		051209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10	UJ	051209	10	EPA8270
4-Nitrophenol	ug/L	< 10		051209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		051209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		051209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-103-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

LW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		051209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Carbazole	ug/L	< 1		051209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		051209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		051209	1	EPA8270
Hexachloroethane	ug/L	< 1		051209	1	EPA8270
Nitrobenzene	ug/L	< 1		051209	1	EPA8270
Isophorone	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		051209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		051209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		051209	1	EPA8270
4-Chloroaniline	ug/L	< 1		051209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		051209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		051209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		051209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		051209	1	EPA8270
2-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		051209	1	EPA8270
Acenaphthylene	ug/L	< 1		051209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
3-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Acenaphthene	ug/L	< 1		051209	1	EPA8270
Dibenzofuran	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		051209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Fluorene	ug/L	< 1		051209	1	EPA8270
4-Nitroaniline	ug/L	< 1		051209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		051209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		051209	1	EPA8270
Phenanthrene	ug/L	< 1		051209	1	EPA8270
Anthracene	ug/L	< 1		051209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		051209	1	EPA8270
Fluoranthene	ug/L	< 1		051209	1	EPA8270
Pyrene	ug/L	< 1		051209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		051209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		051209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cm = 9617 NYSDOH ID # 10320 Page 4 of 10

QW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291779.03 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		051209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	13 u	#	051209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		051209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		051209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		051209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		051209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #No phthalates detected in method blank.

DIRECTOR

rm = 9618 NYSDOH ID # 10320 Page 5 of 10

MW 9/25/09

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.291779.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		051209	1	EPA8270
2-Chlorophenol	ug/L	< 1		051209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		051209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		051209	1	EPA8270
2-Nitrophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		051209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		051209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		051209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10	UJ	051209	10	EPA8270
4-Nitrophenol	ug/L	< 10		051209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		051209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		051209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

mw 9/25/09

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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.291779.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		051209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Carbazole	ug/L	< 1		051209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		051209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		051209	1	EPA8270
Hexachloroethane	ug/L	< 1		051209	1	EPA8270
Nitrobenzene	ug/L	< 1		051209	1	EPA8270
Isophorone	ug/L	< 1		051209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		051209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		051209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		051209	1	EPA8270
4-Chloroaniline	ug/L	< 1		051209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		051209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		051209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		051209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		051209	1	EPA8270
2-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		051209	1	EPA8270
Acenaphthylene	ug/L	< 1		051209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
3-Nitroaniline	ug/L	< 1		051209	1	EPA8270
Acenaphthene	ug/L	< 1		051209	1	EPA8270
Dibenzofuran	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MW 9/25/09

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.291779.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		051209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		051209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Fluorene	ug/L	< 1		051209	1	EPA8270
4-Nitroaniline	ug/L	< 1		051209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		051209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		051209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		051209	1	EPA8270
Phenanthrene	ug/L	< 1		051209	1	EPA8270
Anthracene	ug/L	< 1		051209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		051209	1	EPA8270
Fluoranthene	ug/L	< 1		051209	1	EPA8270
Pyrene	ug/L	< 1		051209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		051209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		051209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		051209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

QW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291779.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		051209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.2	#	051209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		051209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		051209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		051209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		051209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		051209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		051209	1	EPA8270

cc:

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REMARKS: #No phthalates detected in method blank.

DIRECTOR

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291779.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
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TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		051209	1	EPA8270
2-Chlorophenol	ug/L	< 1		051209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		051209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		051209	1	EPA8270
2-Nitrophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		051209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		051209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		051209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		051209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10	UJ	051209	10	EPA8270
4-Nitrophenol	ug/L	< 10		051209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		051209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		051209	10	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.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX;Water SAMPLE: HP-318

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
p,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
p,p-DDD	ug/L	< 0.05		041809	0.05	EPA608
p,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 I	ug/L	< 0.1		041809	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

lw 9/25/09

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.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Thomas Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: HP-318

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

rm = 7527 NYSDOH ID # 10320 Page 8 of Page 26

MW 9/25/09

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.291514.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

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,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,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
p,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
a BHC	ug/L	< 0.05		042309	0.05	EPA608
b BHC	ug/L	< 0.05		042309	0.05	EPA608
d BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan I	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

NW 9/25/09

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.291514.02 05/04/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with baller after purging 3 well volumes)

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

NY ID # 11393 NYSDOH ID # 10320 Page 8 of 9

NW 9/25/09

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.291573.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410

MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor	ug/L	< 0.05		050209	0.05	EPA608
Aldrin	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050209	0.05	EPA608
Dieldrin	ug/L	< 0.05		050209	0.05	EPA608
Endrin	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050209	0.1	EPA608
Chlordane	ug/L	< 0.2		050209	0.2	EPA608
Toxaphene	ug/L	< 1		050209	1	EPA608
Endrin Ketone	ug/L	< 0.1		050209	0.1	EPA608
α BHC	ug/L	< 0.05		050209	0.05	EPA608
β BHC	ug/L	< 0.05		050209	0.05	EPA608
δ BHC	ug/L	< 0.05		050209	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		050209	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MW 9/25/09

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LAB NO.291573.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1410
MATRIX:Water SAMPLE: MP-407-D (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050209	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050209	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050209	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050209	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050509	0.065	EPA608
Phenols as Phenol		< 0.001		042709	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 8540 NYSDOH ID # 10320 Page 8 of 8

Page 49

lw 9/25/09

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.291573.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320

MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor	ug/L	< 0.05		050209	0.05	EPA608
Aldrin	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050209	0.05	EPA608
Dieldrin	ug/L	< 0.05		050209	0.05	EPA608
Endrin	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050209	0.1	EPA608
Chlordane	ug/L	< 0.2		050209	0.2	EPA608
Toxaphene	ug/L	< 1		050209	1	EPA608
Endrin Ketone	ug/L	< 0.1		050209	0.1	EPA608
a BHC	ug/L	< 0.05		050209	0.05	EPA608
b BHC	ug/L	< 0.05		050209	0.05	EPA608
d BHC	ug/L	< 0.05		050209	0.05	EPA608
Endosulfan I	ug/L	< 0.1		050209	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291573.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1320
MATRIX:Water SAMPLE: MP-407-U (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050209	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050209	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050209	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050209	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050509	0.065	EPA608
Phenols as Phenol		< 0.001		042709	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cw = 8550 NYSDOH ID # 10320 Page 8 of 8

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cw 9/25/09

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.291629.00 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor	ug/L	< 0.05		050209	0.05	EPA608
Aldrin	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050209	0.05	EPA608
Dieldrin	ug/L	< 0.05		050209	0.05	EPA608
Endrin	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050209	0.1	EPA608
Chlordane	ug/L	< 0.2		050209	0.2	EPA608
Toxaphene	ug/L	< 1		050209	1	EPA608
Endrin Ketone	ug/L	< 0.1		050209	0.1	EPA608
α BHC	ug/L	< 0.05		050209	0.05	EPA608
β BHC	ug/L	< 0.05		050209	0.05	EPA608
δ BHC	ug/L	< 0.05		050209	0.05	EPA608
Endosulfan I	ug/L	< 0.1		050209	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-U (low flow sampling) collected at 16:15
HP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

CL = 8813 NYSDOH ID # 10320 Page 7 of 10

dlw 9/25/09

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.291629.00 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050209	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050209	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050209	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050209	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050509	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-U (low flow sampling) collected at 16:15
MP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

rm = RR14 NYSDOH ID # 10320 Page 8 of 9

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MW 9/25/09

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.291630.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor	ug/L	< 0.05		050209	0.05	EPA608
Aldrin	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050209	0.05	EPA608
Dieldrin	ug/L	< 0.05		050209	0.05	EPA608
Endrin	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050209	0.1	EPA608
Chlordane	ug/L	< 0.2		050209	0.2	EPA608
Toxaphene	ug/L	< 1		050209	1	EPA608
Endrin Ketone	ug/L	< 0.1		050209	0.1	EPA608
α BHC	ug/L	< 0.05		050209	0.05	EPA608
β BHC	ug/L	< 0.05		050209	0.05	EPA608
δ BHC	ug/L	< 0.05		050209	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		050209	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-D (low flow sampling) collected at 11:10
HP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

cn = 8824 NYSDOH ID # 10320 Page 7 of 7

9125109

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.291630.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050209	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050209	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050209	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050209	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050509	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-D (low flow sampling) collected at 11:10
MP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

MW 9/25/09

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.291630.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor	ug/L	< 0.05		050209	0.05	EPA608
Aldrin	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050209	0.05	EPA608
Dieldrin	ug/L	< 0.05		050209	0.05	EPA608
Endrin	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050209	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050209	0.1	EPA608
Chlordane	ug/L	< 0.2		050209	0.2	EPA608
Toxaphene	ug/L	< 1		050209	1	EPA608
Endrin Ketone	ug/L	< 0.1		050209	0.1	EPA608
α BHC	ug/L	< 0.05		050209	0.05	EPA608
β BHC	ug/L	< 0.05		050209	0.05	EPA608
δ BHC	ug/L	< 0.05		050209	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		050209	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-S (low flow sampling) collected at 13:10
HP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

NY ID # 8834 NYSDOH ID # 10320 Page 7 of 10

MW 9/25/09

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.291630.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050209	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050209	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050209	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050209	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050509	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-S (low flow sampling) collected at 13:10
MP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

cm = 8845 NYSDOH ID # 10320 Page 8 of 10

9/25/09

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.291631.01 05/07/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor	ug/L	< 0.05		050209	0.05	EPA608
Aldrin	ug/L	< 0.05		050209	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050209	0.05	EPA608
p,p-DDE	ug/L	< 0.05		050209	0.05	EPA608
Dieldrin	ug/L	< 0.05		050209	0.05	EPA608
Endrin	ug/L	< 0.05		050209	0.05	EPA608
p,p-DDD	ug/L	< 0.05		050209	0.05	EPA608
p,p-DDT	ug/L	< 0.1		050209	0.1	EPA608
Chlordane	ug/L	< 0.2		050209	0.2	EPA608
Toxaphene	ug/L	< 1		050209	1	EPA608
Endrin Ketone	ug/L	< 0.1		050209	0.1	EPA608
a BHC	ug/L	< 0.05		050209	0.05	EPA608
b BHC	ug/L	< 0.05		050209	0.05	EPA608
d BHC	ug/L	< 0.05		050209	0.05	EPA608
Endosulfan I	ug/L	< 0.1		050209	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

LW 9/25/09

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.291631.01 05/07/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050209	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050209	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050209	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050209	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050509	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

9/25/09

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.291779.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050909	0.05	EPA608
Heptachlor	ug/L	< 0.05		050909	0.05	EPA608
Aldrin	ug/L	< 0.05		050909	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050909	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050909	0.05	EPA608
Dieldrin	ug/L	< 0.05		050909	0.05	EPA608
Endrin	ug/L	< 0.05		050909	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050909	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050909	0.1	EPA608
Chlordane	ug/L	< 0.2		050909	0.2	EPA608
Toxaphene	ug/L	< 1		050909	1	EPA608
Endrin Ketone	ug/L	< 0.1		050909	0.1	EPA608
α BHC	ug/L	< 0.05		050909	0.05	EPA608
β BHC	ug/L	< 0.05		050909	0.05	EPA608
δ BHC	ug/L	< 0.05		050909	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		050909	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

cs # 9600 NYSDOH ID # 10320 Page 7 of 10

LW 9/25/09

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.291779.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050909	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050909	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050909	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050909	0.3	EPA608
Aroclor 1016	ug/L	< 0.065	*	050809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065	*	050809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065	*	050809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065	*	050809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065	*	050809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065	*	050809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065	*	050809	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.
*Surrogate % recovery for sample was above QC limit
(147% vs 142%).

DIRECTOR

MW 9/25/09

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.291779.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		050909	0.05	EPA608
Heptachlor	ug/L	< 0.05		050909	0.05	EPA608
Aldrin	ug/L	< 0.05		050909	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		050909	0.05	EPA608
o,p-DDE	ug/L	< 0.05		050909	0.05	EPA608
Dieldrin	ug/L	< 0.05		050909	0.05	EPA608
Endrin	ug/L	< 0.05		050909	0.05	EPA608
o,p-DDD	ug/L	< 0.05		050909	0.05	EPA608
o,p-DDT	ug/L	< 0.1		050909	0.1	EPA608
Chlordane	ug/L	< 0.2		050909	0.2	EPA608
Toxaphene	ug/L	< 1		050909	1	EPA608
Endrin Ketone	ug/L	< 0.1		050909	0.1	EPA608
α BHC	ug/L	< 0.05		050909	0.05	EPA608
β BHC	ug/L	< 0.05		050909	0.05	EPA608
Γ BHC	ug/L	< 0.05		050909	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		050909	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-103-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

lw 9/25/09

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.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		050909	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		050909	0.3	EPA608
Methoxychlor	ug/L	< 0.1		050909	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		050909	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050809	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-103-D (low flow sampling) collected at 10:20
HP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

cn = 9611 NYSDOH ID # 10320 Page 8 of 10

lw 9/25/09

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.291779.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
indane	ug/L	< 0.05	*	050909	0.05	EPA608
leptachlor	ug/L	< 0.05	*	050909	0.05	EPA608
ldrin	ug/L	< 0.05	*	050909	0.05	EPA608
leptachlor Epoxide	ug/L	< 0.05	*	050909	0.05	EPA608
,p-DDE	ug/L	< 0.05	*	050909	0.05	EPA608
ieldrin	ug/L	< 0.05	*	050909	0.05	EPA608
ndrin	ug/L	< 0.05	*	050909	0.05	EPA608
,p-DDD	ug/L	< 0.05	*	050909	0.05	EPA608
,p-DDT	ug/L	< 0.1	*	050909	0.1	EPA608
hlordane	ug/L	< 0.2	*	050909	0.2	EPA608
oxaphene	ug/L	< 1	*	050909	1	EPA608
ndrin Ketone	ug/L	< 0.1	*	050909	0.1	EPA608
BHC	ug/L	< 0.05	*	050909	0.05	EPA608
BHC	ug/L	< 0.05	*	050909	0.05	EPA608
BHC	ug/L	< 0.05	*	050909	0.05	EPA608
ndosulfan 1	ug/L	< 0.1	*	050909	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Surrogate % recovery for the sample (164%) was above QC Limit (145%). Surrogate was added twice by mistake prior to extraction.

DIRECTOR

LW 9/25/09

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.291779.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1	*	050909	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3	*	050909	0.3	EPA608
Methoxychlor	ug/L	< 0.1	*	050909	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3	*	050909	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050809	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Surrogate % recovery for the sample (175%) was above QC Limit (140%). Surrogate was added twice by mistake prior to extraction.

DIRECTOR

lwl 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05	*	050909	0.05	EPA608
Heptachlor	ug/L	< 0.05	*	050909	0.05	EPA608
Aldrin	ug/L	< 0.05	*	050909	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05	*	050909	0.05	EPA608
o,p-DDE	ug/L	< 0.05	*	050909	0.05	EPA608
Dieldrin	ug/L	< 0.05	*	050909	0.05	EPA608
Endrin	ug/L	< 0.05	*	050909	0.05	EPA608
o,p-DDD	ug/L	< 0.05	*	050909	0.05	EPA608
o,p-DDT	ug/L	< 0.1	*	050909	0.1	EPA608
Chlordane	ug/L	< 0.2	*	050909	0.2	EPA608
Toxaphene	ug/L	< 1	*	050909	1	EPA608
Endrin Ketone	ug/L	< 0.1	*	050909	0.1	EPA608
α BHC	ug/L	< 0.05	*	050909	0.05	EPA608
β BHC	ug/L	< 0.05	*	050909	0.05	EPA608
δ BHC	ug/L	< 0.05	*	050909	0.05	EPA608
Endosulfan 1	ug/L	< 0.1	*	050909	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Surrogate % recovery for the sample (175%) was above QC Limit (145%). Surrogate was added twice by mistake prior to extraction.

DIRECTOR

lw 9/25/09

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.291779.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1	*	050909	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3	*	050909	0.3	EPA608
Methoxychlor	ug/L	< 0.1	*	050909	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3	*	050909	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		050809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		050809	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Surrogate % recovery for the sample (175%) was above QC Limit (145%). Surrogate was added twice by mistake prior to extraction.

DIRECTOR

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Thomas Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530
MATRIX:Water SAMPLE: MP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.24		041509	0.01	EPA200.7
Antimony as Sb	mg/L	0.005		041509	0.005	EPA200.7
Arsenic as As	mg/L	0.011		041509	0.005	EPA200.7
Barium as Ba	mg/L	0.056		041509	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		041509	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		041509	0.005	EPA200.7
Calcium as Ca	mg/L	130		041509	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		041509	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		041509	0.005	EPA200.7
Copper as Cu	mg/L	0.04	U	041509	0.01	EPA200.7
Iron as Fe	mg/L	6.3		041509	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		041509	0.005	EPA200.7
Magnesium as Mg	mg/L	43		041509	0.005	EPA200.7
Manganese as Mn	mg/L	0.2		041509	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		041409	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		041509	0.01	EPA200.7
Potassium as K	mg/L	41		041609	10	EPA200.7
Selenium as Se	mg/L	< 0.01		041509	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		041509	0.005	EPA200.7
Sodium as Na	mg/L	4400		041609	10	EPA200.7
Thallium as Tl	mg/L	< 0.005		041509	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		041509	0.005	EPA200.7
Zinc as Zn	mg/L	0.07	U	041509	0.01	EPA200.7
Hardness as CaCO3	mg/L	500		041509	0.5	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 7528 NYSDOH ID # 10320 Page 9 of 19

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291406.00 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Thomas Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/13/09 RECEIVED:04/13/09
TIME COL'D:1530

MATRIX:Water SAMPLE: MP-318

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		041709	0.4	4500NH3C
Chloride as Cl	mg/L	720		042109	20	204500CLB
Nitrate as N	mg/L	5.3		041409	0.5	EPA353.2
Sulfate as SO4	mg/L	70		042309	25	ASD516.02
Tot Dissolved Solids	mg/L	1800		042009	10	2540C
Phenols as Phenol	mg/L	< 0.001		041709	0.001	EPA420.1
Alkalinity tot CaCo3	mg/L	60		042009	2	1823208
Tot. Kjeldahl N.	mg/L	32		042009	0.4	4500NORGB

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

9/25/09

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.291514.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MP-603 (low flow sampling)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.41		042209	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		042209	0.005	EPA200.7
Arsenic as As	mg/L	0.007		042209	0.005	EPA200.7
Barium as Ba	mg/L	0.088		042209	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		042209	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		042209	0.005	EPA200.7
Calcium as Ca	mg/L	240		042209	0.4	EPA200.7
Chromium as Cr	mg/L	< 0.005		042209	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		042209	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		042209	0.01	EPA200.7
Iron as Fe	mg/L	13		042209	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		042209	0.005	EPA200.7
Magnesium as Mg	mg/L	40		042209	0.01	EPA200.7
Manganese as Mn	mg/L	0.44		042209	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042409	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		042209	0.01	EPA200.7
Potassium as K	mg/L	25		042209	2	EPA200.7
Selenium as Se	mg/L	< 0.01		042209	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		042209	0.005	EPA200.7
Sodium as Na	mg/L	75		042209	2	EPA200.7
Thallium as Tl	mg/L	< 0.005		042209	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		042209	0.005	EPA200.7
Zinc as Zn	mg/L	0.04 u		042209	0.01	EPA200.7
Hardness as CaCO3	mg/L	760		042209	0.5	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 8294 NYSDOH ID # 10320 Page 1 of 2

lw 9/25/09

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.291514.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MP-603 (low flow sampling)

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.	14		042209	0.2	4500NH3C
Chloride as Cl	mg/l.	190		042209	20	204500CLB
Nitrate as N	mg/l.	< 0.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/l.	430		042309	100	ASD516.02
Tot Dissolved Solids	mg/l.	1200		042209	10	2540C
Tot. Kjeldahl N.	mg/l.	15		042309	0.2	4500NORGB
Alkalinity tot CaCo3	mg/l.	360		042709	20	182320B

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ELAP # 11295 NYSDOH ID # 10420 Page 2 of 2

dlw 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291514.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/20/09 RECEIVED:04/20/09
TIME COL'D:1210
MATRIX:Water SAMPLE: MP-603 (with bailer after purging 3 well volumes)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenols as Phenol	mg/L	< 0.001		042709	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

lw 9/29/09

Analytical results relate only 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.291573.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MP-407-D (low flow sampling)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	1.2		042709	0.01	EPA200.7
ntimony as Sb	mg/L	< 0.005		042709	0.005	EPA200.7
rsenic as As	mg/L	0.015		042709	0.005	EPA200.7
arium as Ba	mg/L	0.065		042709	0.005	EPA200.7
eryllium as Be	mg/L	< 0.001		042709	0.001	EPA200.7
admium as Cd	mg/L	< 0.005		042709	0.005	EPA200.7
alcium as Ca	mg/L	260		042909	4	EPA200.7
hromium as Cr	mg/L	0.006		042709	0.005	EPA200.7
obalt as Co	mg/L	< 0.005		042709	0.005	EPA200.7
opper as Cu	mg/L	< 0.01		042709	0.01	EPA200.7
ron as Fe	mg/L	26		042709	0.01	EPA200.7
ead as Pb	mg/L	< 0.005		042709	0.005	EPA200.7
agnesium as Mg	mg/L	580		042909	0.1	EPA200.7
anganese as Mn	mg/L	0.84		042709	0.01	EPA200.7
ercury as Hg	mg/L	< 0.00025		042809	0.000	EPA245.2
ickel as Ni	mg/L	< 0.01		042709	0.01	EPA200.7
otassium as K	mg/L	200		050409	200	EPA200.7
elenium as Se	mg/L	< 0.01		042709	0.01	EPA200.7
ilver as Ag	mg/L	< 0.005		042709	0.005	EPA200.7
odium as Na	mg/L	4800		050409	200	EPA200.7
hallium as Tl	mg/L	< 0.005		042709	0.005	EPA200.7
anadium as V	mg/L	< 0.005		042709	0.005	EPA200.7
inc as Zn	mg/L	0.03 u		042709	0.01	EPA200.7
ardness as CaCO3	mg/L	4000		042709	10	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291573.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MP-407-D (low flow sampling)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042809	0.02	EPA335.4
Ammonia as N	mg/L	1.6		042409	0.2	4500NH3C
Chloride as Cl	mg/L	10000		042409	100	204500CLB
Nitrate as N	mg/L	< 0.5		042409	0.5	EPA353.2
Sulfate as S04	mg/L	1300		042309	250	ASD516.02
Tot Dissolved Solids	mg/L	18000		042709	100	2540C
Tot. Kjeldahl N.	mg/L	2.2		042709	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	240		042709	20	1823208

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 8532 NYSDOH ID # 10320 Page 2 of 2

MW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291573.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1240
MATRIX:Water SAMPLE: MP-407-U (low flow sampling)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.28		042709	0.01	EPA200.7
Antimony as Sb	mg/L	0.006		042709	0.005	EPA200.7
Arsenic as As	mg/L	0.015		042709	0.005	EPA200.7
Barium as Ba	mg/L	1.2		042709	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		042709	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		042709	0.005	EPA200.7
Calcium as Ca	mg/L	130		042709	0.2	EPA200.7
Chromium as Cr	mg/L	0.015		042709	0.005	EPA200.7
Cobalt as Co	mg/L	0.009		042709	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		042709	0.01	EPA200.7
Iron as Fe	mg/L	1.5		042709	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		042709	0.005	EPA200.7
Magnesium as Mg	mg/L	140		042709	0.005	EPA200.7
Manganese as Mn	mg/L	0.5		042709	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042809	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		042709	0.01	EPA200.7
Potassium as K	mg/L	110		042909	10	EPA200.7
Selenium as Se	mg/L	< 0.01		042709	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		042709	0.005	EPA200.7
Sodium as Na	mg/L	400		042909	10	EPA200.7
Thallium as Tl	mg/L	< 0.005		042709	0.005	EPA200.7
Vanadium as V	mg/L	0.016		042709	0.005	EPA200.7
Zinc as Zn	mg/L	0.1	u	042709	0.01	EPA200.7
Hardness as CaCO3	mg/L	900		u42709	0.5	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

pm = 8541 NYSDOH ID # 10320 Page 1 of

lw 9/25/09

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.291573.03 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/22/09 RECEIVED:04/22/09
TIME COL'D:1240
MATRIX:Water SAMPLE: HP-407-U (low flow sampling)

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042809	0.02	EPA335.4
Ammonia as N	mg/L	100		042409	0.2	4500NH3C
Chloride as Cl	mg/L	450		042409	100	204500CLB
Nitrate as N	mg/L	< 0.5		042409	0.5	EPA353.2
Sulfate as SO4	mg/L	35		042309	10	ASD516.02
Tot Dissolved Solids	mg/L	2500		042709	100	2540C
Tot. Kjeldahl N.	mg/L	100		042709	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	1700		042709	20	182320B

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

NJ # 8542 NYSDOH ID # 10320 Page 2 of 2

LW 9/25/09

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.291629.00 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.13		043009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		043009	0.005	EPA200.7
Arsenic as As	mg/L	0.014		043009	0.005	EPA200.7
Barium as Ba	mg/L	0.071		043009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		043009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		043009	0.005	EPA200.7
Calcium as Ca	mg/L	130		043009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		043009	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		043009	0.005	EPA200.7
Copper as Cu	mg/L	0.05	u	043009	0.01	EPA200.7
Iron as Fe	mg/L	1.5		043009	0.01	EPA200.7
Lead as Pb	mg/L	0.006		043009	0.005	EPA200.7
Magnesium as Mg	mg/L	16		043009	0.005	EPA200.7
Manganese as Mn	mg/L	0.08		043009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		043009	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		043009	0.01	EPA200.7
Potassium as K	mg/L	10		050509	5	EPA200.7
Selenium as Se	mg/L	< 0.01		043009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		043009	0.005	EPA200.7
Sodium as Na	mg/L	270		050509	5	EPA200.7
Thallium as Tl	mg/L	< 0.005		043009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		043009	0.005	EPA200.7
Zinc as Zn	mg/L	0.19	u	043009	0.01	EPA200.7
Hardness as CaCO3	mg/L	390		043009	0.5	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-U (low flow sampling) collected at 16:15
MP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

NJ = 3815 NYSDOH ID # 10320 Page 9 of 9

MW 9/25/09

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.291629.00 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042809	0.02	EPA335.4
Ammonia as N	mg/L	1.4		042909	0.2	4500NH3C
Chloride as Cl	mg/L	440		043009	20	204500CLB
Nitrate as N	mg/L	1.7		042909	0.5	EPA353.2
Sulfate as SO4	mg/L	75		043009	25	ASD516.02
Tot Dissolved Solids	mg/L	1300		050409	100	2540C
Tot. Kjeldahl N.	mg/L	2.2		050109	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	460		050109	20	1823208
Phenols as Phenol	mg/L	< 0.001		050509	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-U (low flow sampling) collected at 16:15
MP-101-U (with bailer after purging 3 well volumes)
collected at 16:40.

DIRECTOR

cn = 8816 NYSDOH ID # 10320 Page 10 of Page 69

Analytical results relate to the samples as received by the laboratory. 9/25/09

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.291630.01 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		050409	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		050409	0.025	EPA200.7
Arsenic as As	mg/L	0.025		050409	0.025	EPA200.7
Barium as Ba	mg/L	0.16		050409	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		050409	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		050409	0.025	EPA200.7
Calcium as Ca	mg/L	280		050409	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		050409	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		050409	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		050409	0.05	EPA200.7
Iron as Fe	mg/L	10		050409	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		050409	0.025	EPA200.7
Magnesium as Mg	mg/L	440		050409	0.025	EPA200.7
Manganese as Mn	mg/L	0.32		050409	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		043009	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		050409	0.05	EPA200.7
Potassium as K	mg/L	400		050509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		050409	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		050409	0.025	EPA200.7
Sodium as Na	mg/L	16000		050709	200	EPA200.7
Thallium as Tl	mg/L	< 0.05		050409	0.05	EPA200.7
Vanadium as V	mg/L	< 0.025		050409	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		050409	0.05	EPA200.7
Hardness as CaCO3	mg/L	2500		050409	2.5	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-101-D (low flow sampling) collected at 11:10
HP-101-D (with bailer after purging 3 well volumes) collected at 18:50.

DIRECTOR

cn = 8826 NYSDOH ID # 10320 Page 9 of 10

LW 9/25/09

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.291630.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE-TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042809	0.02	EPA335.4
Ammonia as N	mg/L	18		042909	0.2	4500NH3C
Chloride as Cl	mg/L	31000		050709	2000	204500CLB
Nitrate as N	mg/L	< 0.5		042909	0.5	EPA353.2
Sulfate as SO4	mg/L	1700		043009	250	ASD516.02
Tot Dissolved Solids	mg/L	46000		050409	100	2540C
Tot. Kjeldahl N.	mg/L	18		050109	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	820		050109	20	182320B
Phenols as Phenol	mg/L	< 0.001		050509	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS; ** HP-101-D (low flow sampling) collected at 11:10
HP-101-D (with bailer after purging 3 well volumes)
collected at 18:50.

DIRECTOR

ELAP # 8827 NYSDOH ID # 10320 Page 10 of 10

LW 9/25/09

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.291630.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.01		043009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		043009	0.005	EPA200.7
Arsenic as As	mg/L	0.011		043009	0.005	EPA200.7
Barium as Ba	mg/L	0.044		043009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		043009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		043009	0.005	EPA200.7
Calcium as Ca	mg/L	57 u		043009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		043009	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		043009	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		043009	0.01	EPA200.7
Iron as Fe	mg/L	0.84		043009	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		043009	0.005	EPA200.7
Magnesium as Mg	mg/L	110		043009	0.005	EPA200.7
Manganese as Mn	mg/L	0.06		043009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		043009	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		043009	0.01	EPA200.7
Potassium as K	mg/L	97		050509	50	EPA200.7
Selenium as Se	mg/L	< 0.01		043009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		043009	0.005	EPA200.7
Sodium as Na	mg/L	1900		050509	50	EPA200.7
Thallium as Tl	mg/L	< 0.005		043009	0.005	EPA200.7
Vanadium as V	mg/L	0.008		043009	0.005	EPA200.7
Zinc as Zn	mg/L	0.02 u		043009	0.01	EPA200.7
Hardness as CaCO3	mg/L	590		043009		EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-S (low flow sampling) collected at 13:10
MP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

LW 9/25/09

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.291630.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/24/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042809	0.02	EPA335.4
Ammonia as N	mg/L	4.4		042909	0.2	4500NH3C
Chloride as Cl	mg/L	3500		043009	1000	204500CL8
Nitrate as N	mg/L	< 0.5		042909	0.5	EPA353.2
Sulfate as SO4	mg/L	17		043009	5	ASD516.02
Tot Dissolved Solids	mg/L	5300		050409	100	2540C
Tot. Kjeldahl N.	mg/L	5.0		050109	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	1000		050109	20	182320B
Phenols as Phenol	mg/L	< 0.001		050509	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-101-S (low flow sampling) collected at 13:10
MP-101-S (with bailer after purging 3 well volumes)
collected at 14:05.

DIRECTOR

ELAP # 10917 NYSDOH ID # 10320 Page 10 of Page 90

MW 9/25/09

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.291631.01 05/07/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**

MATRIX:Water SAMPLE: MP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.98		043009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		043009	0.005	EPA200.7
Arsenic as As	mg/L	0.017		043009	0.005	EPA200.7
Barium as Ba	mg/L	0.094		043009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		043009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		043009	0.005	EPA200.7
Calcium as Ca	mg/L	220		043009	0.2	EPA200.7
Chromium as Cr	mg/L	0.008		043009	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		043009	0.005	EPA200.7
Copper as Cu	mg/L	0.01	u	043009	0.01	EPA200.7
Iron as Fe	mg/L	5.5		043009	0.01	EPA200.7
Lead as Pb	mg/L	0.015		043009	0.005	EPA200.7
Magnesium as Mg	mg/L	50		043009	0.005	EPA200.7
Manganese as Mn	mg/L	0.95		043009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		043009	0.000	EPA245.2
Nickel as Ni	mg/L	0.01		043009	0.01	EPA200.7
Potassium as K	mg/L	15		050409	5	EPA200.7
Selenium as Se	mg/L	< 0.01		043009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		043009	0.005	EPA200.7
Sodium as Na	mg/L	78		043009	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		043009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		043009	0.005	EPA200.7
Zinc as Zn	mg/L	0.05	u	043009	0.01	EPA200.7
Hardness as CaCO3	mg/L	750		043009	0.5	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-104-A (low flow sampling) collected at 13:15
MP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

lw 9/25/09

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.291631.01 05/07/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/27/09 RECEIVED:04/27/09
TIME COL'D:**
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042809	0.02	EPA335.4
Ammonia as N	mg/L	3.2		042909	0.2	4500NH3C
Chloride as Cl	mg/L	50		043009	20	204500CL-B
Nitrate as N	mg/L	< 0.5		042909	0.5	EPA353.2
Sulfate as SO4	mg/L	55		043009	25	ASD516.02
Tot Dissolved Solids	mg/L	1200		050409	100	2540C
Tot. Kjeldahl N.	mg/L	4.2		050109	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	800		050109	20	182320B
Phenols as Phenol	mg/L	< 0.001		050509	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-104-A (low flow sampling) collected at 13:15
HP-104-A (with bailer after purging 3 well volumes)
collected at 14:35.

DIRECTOR

rm = 8849 NYSDOH ID # 10320 Page 10 of 10

LW 9/25/09

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.291779.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.05		051209	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		051209	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		051209	0.025	EPA200.7
Barium as Ba	mg/L	0.19		051209	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		051209	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		051209	0.025	EPA200.7
Calcium as Ca	mg/L	220		051209	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		051209	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		051209	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		051209	0.05	EPA200.7
Iron as Fe	mg/L	12		051209	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		051209	0.025	EPA200.7
Magnesium as Mg	mg/L	500		051209	0.025	EPA200.7
Manganese as Mn	mg/L	0.51		051209	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		051309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		051209	0.05	EPA200.7
Potassium as K	mg/L	290		051209	50	EPA200.7
Selenium as Se	mg/L	< 0.05		051209	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		051209	0.025	EPA200.7
Sodium as Na	mg/L	4000		051209	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		051209	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		051209	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		051209	0.05	EPA200.7
Hardness as CaCO3	mg/L	3000		051209	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

lw 9/25/09

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.291779.01 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/04/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.04		051209	0.04	EPA335.4
Ammonia as N	mg/L	10		050809	0.2	4500NH3C
Chloride as Cl	mg/L	8100		051309	100	204500CL8
Nitrate as N	mg/L	< 0.5		050709	0.5	EPA353.2
Sulfate as SO4	mg/L	650		051209	500	ASD516.02
Tot Dissolved Solids	mg/L	14000		051809	100	2540C
Tot. Kjeldahl N.	mg/L	11		051209	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	600		050809	20	182320B
Phenols as Phenol	mg/L	< 0.001		050809	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-407-S (low flow sampling) collected at 11:35
MP-407-S (with bailer after purging 3 well volumes)
collected at 13:00.

DIRECTOR

MW 9/25/09

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LAB NO.291779.02 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	3.3		051209	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		051209	0.025	EPA200.7
Arsenic as As	mg/L	0.05		051209	0.025	EPA200.7
Barium as Ba	mg/L	0.15		051209	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		051209	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		051209	0.025	EPA200.7
Calcium as Ca	mg/L	310		051209	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		051209	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		051209	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		051209	0.05	EPA200.7
Iron as Fe	mg/L	10		051209	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		051209	0.025	EPA200.7
Magnesium as Mg	mg/L	630		051209	0.025	EPA200.7
Manganese as Mn	mg/L	1.9		051209	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		051309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		051209	0.05	EPA200.7
Potassium as K	mg/L	78		051209	50	EPA200.7
Selenium as Se	mg/L	< 0.05		051209	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		051209	0.025	EPA200.7
Sodium as Na	mg/L	660		051209	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		051209	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		051209	0.025	EPA200.7
Zinc as Zn	mg/L	0.07 u		051209	0.05	EPA200.7
Hardness as CaCO3	mg/L	3400		051209	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** MP-103-D (low flow sampling) collected at 10:20
MP-103-D (with bailer after purging 3 well volumes) collected at 16:00.

DIRECTOR

cm = 9612 NY ELAP ID # 10320 Page 9 of 10

9/25/09

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.02 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:**

MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		051209	0.02	EPA335.4
Ammonia as N	mg/L	6.6		050809	0.2	4500NH3C
Chloride as Cl	mg/L	22000		051309	1000	20450OCL B
Nitrate as N	mg/L	< 0.5		050709	0.5	EPA353.2
Sulfate as SO4	mg/L	1900		051209	500	ASD516.02
Tot Dissolved Solids	mg/L	28000		051809	100	2540C
Tot. Kjeldahl N.	mg/L	7.6		051209	0.2	4500NORG B
Alkalinity tot CaCo3	mg/L	300		050809	20	1823208 EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS: ** HP-103-D (low flow sampling) collected at 10:20
HP-103-D (with bailer after purging 3 well volumes)
collected at 16:00.

DIRECTOR

lw 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.03 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.1		051209	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		051209	0.025	EPA200.7
Arsenic as As	mg/L	0.025		051209	0.025	EPA200.7
Barium as Ba	mg/L	0.19		051209	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		051209	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		051209	0.025	EPA200.7
Calcium as Ca	mg/L	220		051209	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		051209	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		051209	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		051209	0.05	EPA200.7
Iron as Fe	mg/L	12		051209	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		051209	0.025	EPA200.7
Magnesium as Mg	mg/L	500		051209	0.025	EPA200.7
Manganese as Mn	mg/L	0.52		051209	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		051309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		051209	0.05	EPA200.7
Potassium as K	mg/L	250		051209	50	EPA200.7
Selenium as Se	mg/L	< 0.05		051209	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		051209	0.025	EPA200.7
Sodium as Na	mg/L	3800		051209	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		051209	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		051209	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		051209	0.05	EPA200.7
Hardness as CaCO3	mg/L	2600		051209	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

lw 9/25/09

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.03 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		051209	0.02	EPA335.4
Ammonia as N	mg/L	9.8		050809	0.2	4500NH3C
Chloride as Cl	mg/L	8200		051309	100	204500CLB
Nitrate as N	mg/L	< 0.5		050709	0.5	EPA353.2
Sulfate as SO4	mg/L	850		051209	250	ASD516.02
Tot Dissolved Solids	mg/L	13000		051809	100	2540C
Tot. Kjeldahl N.	mg/L	10		051209	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	600		050809	20	182320B
Phenols as Phenol	mg/L	< 0.001		050809	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

LW 9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291779.04 05/22/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		051209	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		051209	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		051209	0.005	EPA200.7
Barium as Ba	mg/L	< 0.005		051209	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		051209	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		051209	0.005	EPA200.7
Calcium as Ca	mg/L	10		051209	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		051209	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		051209	0.005	EPA200.7
Copper as Cu	mg/L	0.14		051209	0.01	EPA200.7
Iron as Fe	mg/L	0.04		051209	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		051209	0.005	EPA200.7
Magnesium as Mg	mg/L	0.29		051209	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		051209	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		051309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		051209	0.01	EPA200.7
Potassium as K	mg/L	< 1		051209	1	EPA200.7
Selenium as Se	mg/L	< 0.01		051209	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		051209	0.005	EPA200.7
Sodium as Na	mg/L	3.2		051209	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		051209	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		051209	0.005	EPA200.7
Zinc as Zn	mg/L	0.1		051209	0.01	EPA200.7
Hardness as CaCO3	mg/L	26		051209	0.2	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

9/25/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291779.04 05/22/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/05/09 RECEIVED:05/06/09
TIME COL'D:0930
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		051209	0.02	EPA335.4
Ammonia as N	mg/L	< 0.2		050809	0.2	4500NH3C
Chloride as Cl	mg/L	9		051309	2	204500CLB
Nitrate as N	mg/L	< 0.5		050709	0.5	EPA353.2
Sulfate as SO4	mg/L	< 5		051209	5	ASD516.02
Tot Dissolved Solids	mg/L	58		051809	10	2540C
Tot. Kjeldahl N.	mg/L	< 0.2		051209	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	32		050809	2	182320B
Phenols as Phenol	mg/L	< 0.001		050809	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

NYSDOH ID # 10320 Page 10 of 10

CW 9/25/09

ATTACHMENT 2b

Third Quarter 2009 Validated Ground Water-Monitoring Results

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
PENNSYLVANIA AVENUE LANDFILL, NEW YORK

Client: ST Environmental Services, Inc., Glen Cove, New York
SDG: 293853, 293896
Laboratory: EcoTest Laboratories, Inc., North Babylon, New York
Site: Pennsylvania Avenue Landfill, New York
Date: December 15, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HP-101-D	293853-01	Water
2	HP-101-U	293853-02	Water
3	HP-101-S	293853-03	Water
4	HP-407-U	293853-04	Water
5	HP-407-S	293853-05	Water
6	Blind Duplicate	293853-06	Water
7	HP-103-D	293853-07	Water
8MS	HP-103-DMS	293853-07MS	Water
9MSD	HP-103-DMSD	293853-07MSD	Water
10	HP-603	293853-10	Water
11	HP-104-A	293853-11	Water
12	HP-407-D	293853-12	Water
13	Field Blank	293853-13	Water
14*	Trip Blank	293853-14	Water
15	HP-318	293896-00	Water

* - VOC only

A Data Usability Summary Review was performed on the analytical data for eleven water samples, one aqueous equipment field blank sample and one aqueous trip blank sample collected by Severn Trent Environmental Services at the Pennsylvania Avenue Landfill site in New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pest/PCB	USEPA SW-846 Methods 8081A/8082
Metals	USEPA Method 200.7
Mercury	USEPA Method 245.2
Wet Chemistry	USEPA Methods - various

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- Several VOC compounds were qualified as estimated in two samples due to high surrogate recoveries.
- Several VOC compounds were qualified as estimated in several samples due to high continuing calibration %D values.
- Several VOC compounds were qualified as estimated in one sample due to a low internal standard recovery.
- One SVOC compound was qualified as nondetected in all samples due to method blank contamination.
- Four SVOC compounds were qualified as estimated in all samples due to high initial calibration %RSD values.
- One SVOC compound was qualified as estimated in four samples due to a high continuing calibration %D value.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
4	1,2-Dichloroethane	119%	J - Positive results
11	1,2-Dichloroethane	115%	J - Positive results

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
7	Chlorodifluoromethane	145%/144%/Ok	None - All ND
	Vinyl chloride	119%/Ok/Ok	
	Trichlorofluoromethane	125%/118%/Ok	
	Freon 113	126%/128%/Ok	
	1,1-Dichloroethene	117%/118%/Ok	
	Acetone	141%/140%/Ok	
	Methylene chloride	116%/Ok/Ok	
	trans-1,2-Dichloroethene	116%/Ok/Ok	
	tert-butyl methyl Ether	121%/118%/Ok	
	cis-1,2-Dichloroethene	118%/Ok/Ok	
	Methyl ethyl ketone	137%/137%/Ok	
	Bromochloromethane	116%/Ok/Ok	
	1,1,1-Trichloroethane	Ok/114%/Ok	
	Trichloroethene	114%/Ok/Ok	
	Methyl isobutyl ketone	143%/134%/Ok	
	2-Chlorotoluene	Ok/112%/12	
	tert-Butylbenzene	Ok/116%/Ok	
	sec-Butylbenzene	Ok/116%/Ok	
	p-Isoproyltoluene	Ok/114%/Ok	
	1,3-Dichlorobenzene	Ok/113%/Ok	
	1,4-Dichlorobenzene	108%/113%/Ok	
	n-Butylbenzene	Ok/120%/15	
	Hexachlorobutadiene	Ok/134%/26	
	Carbon disulfide	Ok/117%/Ok	
	2-Hexanone	154%/147%/Ok	
	Vinyl acetate	112%/Ok/Ok	

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
LCS	2,2-Dichloropropane	120%	None	All ND
	Bromochloromethane	115%		
	1,1,1-Trichloroethane	114%		
	p-Ethyl toluene	111%		
	p-Diethylbenzene	107%		

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-	-
FIELD BLANK	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/14/09	2,2-Dichloropropane	27.3%	J/UJ	1-7, 10-14
09/17/09	Dichlorodifluoromethane	28.9%	J/UJ	15
	2,2-Dichloropropane	23.2%		
	trans-1,3-Dichloropropene	20.5%		

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard (IS) areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
6	IS4=1,4-Dichlorobenzene-d4	Low	J/UJ - Associated compounds

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	HP-101-S ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The following table presents compounds detected in the method blanks. Concentrations of common laboratory contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
MB 09/14/09	bis(2-Ethylhexyl)phthalate	1.15	11.50	U	1-7, 10-13, 15

Field Blank

- The following table presents compounds detected in the method blanks. Concentrations of common laboratory contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	Di-n-octyl phthalate	6.64	66.4	None	All ND

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 30 percent relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives.

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
09/14/09	2,4-Dinitrophenol	22.44%	J/UJ	All samples
	Dibenzo(a,h)anthracene	22.03%		
	Indeno(1,2,3-cd)pyrene	24.83%		
	Benzo(g,h,i)perylene	32.36%		

Continuing Calibration

- The following table presents compounds that exceeded 25 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/15/09	4-Nitroaniline	22.2%	J/UJ	10-13

Compound Quantitation

- No discrepancies were identified.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	HP-101-S ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
Acenaphthene	1.26	1.0 U	NC	-

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for preserved water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate recoveries.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable percent recoveries (%R) and relative percent differences (RPD).

Laboratory Control Samples

- The LCS sample exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Pest/PCBs				
Compound	HP-101-S ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals/Wet Chemistry

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury, 180 days for all other metals and the recommended holding times for all wet chemistry analyses.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table presents compounds detected in the method blanks. Concentrations of contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FIELD BLANK	Chloride	6	60	None	No action for wet chemistry parameters
	TDS	33	330	None	

Initial and Continuing Calibration Verification

- All initial and continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

ICP Serial Dilution

- The ICP serial dilution sample exhibited acceptable %D values.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Metals/Wet Chemistry				
Compound	HP-101-S mg/L	BLIND DUPLICATE mg/L	RPD	Qualifier
Boron	1.1	1.1	0%	None
Barium	0.04	0.04	0%	None
Calcium	53	53	0%	None
Iron	0.85	0.86	1%	None
Magnesium	110	120	9%	None
Manganese	0.05	0.05	0%	None
Potassium	90	93	3%	None
Sodium	1700	1800	6%	None
Hardness	580	620	7%	None
Ammonia	4.6	4.2	9%	None
Chloride	2600	2000	26%	None
Sulfate	37	31	18%	None
TDS	4900	4800	2%	None
TKN	5.4	4.6	16%	None
Alkalinity	980	880	11%	None
BOD5	2.4	2.4	0%	None
COD	80	80	0%	None
Color	60	60	0%	None
TOC	7.2	6.6	9%	None
Bromide	1.4	0.5 U	NC	None

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 12/21/09

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.01

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.01

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140915.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	2	
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.01

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140915.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.01

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140915.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.02

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.02

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140916.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.02

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.02

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140916.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	7	
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	3	
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.02

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.02

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140916.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.03

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.03

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140922.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.03

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.03

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140922.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

MW 12/15/09

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.03

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.03

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140922.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.04

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.04

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140923.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q	
1. 75-71-8	Dichlordifluoromethane	1	U	
2. 74-87-3	Chloromethane	1	U	
3. 75-01-4	Vinyl Chloride	1	U	
4. 74-83-9	Bromomethane	1	U	
5. 75-00-3	Chloroethane	1	U	
6. 75-69-4	Trichlorofluoromethane	1	U	
7. 75-35-4	1,1 Dichloroethene	1	U	
8. 75-09-2	Methylene Chloride	1	U	
9. 156-60-5	t-1,2-Dichloroethene	1	U	
10. 75-34-3	1,1 Dichloroethane	1	U	
11. 594-20-7	2,2-Dichloropropane	1	~~U~~	UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U	
13. 74-97-5	Bromochloromethane	1	U	
14. 67-66-3	Chloroform	1	U	
15. 71-55-6	111 Trichloroethane	1	U	
16. 56-23-5	Carbon Tetrachloride	1	U	
17. 563-58-6	1,1-Dichloropropene	1	U	
18. 71-43-2	Benzene	2		J
19. 107-06-2	1,2 Dichloroethane	1	U	
20. 79-01-6	Trichloroethene	1	U	
21. 78-87-5	1,2 Dichloropropane	1	U	
22. 74-95-3	Dibromomethane	1	U	
23. 75-27-4	Bromodichloromethane	1	U	
24. 10061-01-5	c-1,3Dichloropropene	1	U	
25. 108-88-3	Toluene	1	U	
26. 10061-02-6	t-1,3Dichloropropene	1	U	
27. 79-00-5	112 Trichloroethane	1	U	
28. 127-18-4	Tetrachloroethene	1	U	
29. 142-28-9	1,3-Dichloropropane	1	U	
30. 124-48-1	Chlorodibromomethane	1	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.04

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.04

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140923.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q	
1. 106-93-4	1,2 Dibromoethane	1	U	
2. 108-90-7	Chlorobenzene	5		J
3. 100-41-4	Ethyl Benzene	1	U	
4. 630-20-6	1112Tetrachloroethane	1	U	
5.	m + p Xylene	2	U	
6. 95-47-6	o Xylene	1	U	
7. 100-42-5	Styrene	1	U	
8. 75-25-2	Bromoform	1	U	
9. 98-82-8	Isopropylbenzene	1		J
10. 108-86-1	Bromobenzene	1	U	
11. 79-34-5	1122Tetrachloroethane	1	U	
12. 96-18-4	123-Trichloropropane	1	U	
13. 103-65-1	n-Propylbenzene	1	U	
14. 95-49-8	2-Chlorotoluene	1	U	
15. 108-67-8	135-Trimethylbenzene	1	U	
16. 106-43-4	4-Chlorotoluene	1	U	
17. 98-06-6	tert-Butylbenzene	1	U	
18. 95-63-6	124-Trimethylbenzene	1	U	
19. 135-98-8	sec-Butylbenzene	1	U	
20. 99-87-6	p-Isopropyltoluene	1	U	
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U	
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U	
23. 104-51-8	n-Butylbenzene	1	U	
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U	
25. 96-12-8	Dibromochloropropane	1	U	
26. 120-82-1	124-Trichlorobenzene (v)	1	U	
27. 87-68-3	Hexachlorobutadiene	1	U	
28. 91-20-3	Naphthalene(v)	1	U	
29. 87-61-6	123-Trichlorobenzene	1	U	
30. 1634-04-4	ter.ButylMethylEther	1	U	

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12/15/09

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.04

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.04

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140923.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.05

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.05

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140924.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.05

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.05

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140924.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.05

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.05

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140924.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.06

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.06

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140925.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.06

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.06

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140925.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.06

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.06

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140925.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.07

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.07

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140914.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.07

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.07

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140914.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.07

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.07

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140914.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.10

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.10

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140926.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.10

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.10

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140926.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	3	
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.10

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.10

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140926.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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11

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.11

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.11

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140927.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

12/15/09

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.11

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.11

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140927.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	3	J
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.11

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293853.11

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140927.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.12

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.12

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140928.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.12

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.12

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140928.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

12

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.12

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293853.12

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140928.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.13

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: Field Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140913.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

13

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.13

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: Field Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140913.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.13

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: Field Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140913.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.14

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: Trip Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140912.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	~~U~~ UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.14

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: Trip Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140912.D

Level: (low/med) _____ Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.14

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: Trip Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09140912.D

Level: (low/med) Date Received: 9/11/09

% Solid: na Date Analyzed: 9/14/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293896.00

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293896.00

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09170926.D

Level: (low/med) Date Received: 9/15/09

% Solid: na Date Analyzed: 9/17/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q	
1. 75-71-8	Dichlordifluoromethane	1	~~U~~	UJ
2. 74-87-3	Chloromethane	1	U	
3. 75-01-4	Vinyl Chloride	1	U	
4. 74-83-9	Bromomethane	1	U	
5. 75-00-3	Chloroethane	1	U	
6. 75-69-4	Trichlorofluoromethane	1	U	
7. 75-35-4	1,1 Dichloroethene	1	U	
8. 75-09-2	Methylene Chloride	1	U	
9. 156-60-5	t-1,2-Dichloroethene	1	U	
10. 75-34-3	1,1 Dichloroethane	1	U	
11. 594-20-7	2,2-Dichloropropane	1	~~U~~	UJ
12. 156-59-2	c-1,2-Dichloroethene	1	U	
13. 74-97-5	Bromochloromethane	1	U	
14. 67-66-3	Chloroform	1	U	
15. 71-55-6	111 Trichloroethane	1	U	
16. 56-23-5	Carbon Tetrachloride	1	U	
17. 563-58-6	1,1-Dichloropropene	1	U	
18. 71-43-2	Benzene	1	U	
19. 107-06-2	1,2 Dichloroethane	1	U	
20. 79-01-6	Trichloroethene	1	U	
21. 78-87-5	1,2 Dichloropropane	1	U	
22. 74-95-3	Dibromomethane	1	U	
23. 75-27-4	Bromodichloromethane	1	U	
24. 10061-01-5	c-1,3Dichloropropene	1	U	
25. 108-88-3	Toluene	1	U	
26. 10061-02-6	t-1,3Dichloropropene	1	~~U~~	UJ
27. 79-00-5	112 Trichloroethane	1	U	
28. 127-18-4	Tetrachloroethene	1	U	
29. 142-28-9	1,3-Dichloropropane	1	U	
30. 124-48-1	Chlorodibromomethane	1	U	

MW
12/15/09

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293896.00

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 293896.00

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09170926.D

Level: (low/med) _____ Date Received: 9/15/09

% Solid: na Date Analyzed: 9/17/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	13	
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter.ButylMethylEther	1	U

12/15/09

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293896.00

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 293896.00

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 09170926.D

Level: (low/med) Date Received: 9/15/09

% Solid: na Date Analyzed: 9/17/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
9. 107-13-1	Acrylonitrile	5	U
10. 075-15-0	Carbon Disufide	1	U
11. 591-78-6	2- Hexanone	10	U
12. 108-05-4	Vinyl Acetate	10	U
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12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.01

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150914.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.05	ug/L	
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

NW
12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.01

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150914.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	3.95	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	~~U~~	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	~~U~~	UJ
191-24-2	Benzo(ghi)perylene	1.00	ug/L	~~U~~	UJ
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	~~U~~	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

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NW 12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.02

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.02

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150915.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

MJ
12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.02

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293853.02

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150915.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.25	ug/L		
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	7.55	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	~~U~~	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	~~U~~	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	~~U~~	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	~~U~~	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

NW 12/15/09

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.03

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293853.03

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150916.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.26	ug/L	
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.03

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.03

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150916.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	4.13	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	~~U~~	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	~~U~~	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	~~U~~	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	~~U~~	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.04

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.04

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150917.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

NW 12/15/09

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.04

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.04

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150917.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	UJ
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

MW 12/15/09

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.05

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.05

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150918.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

lw 12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.05

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.05

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150918.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2.87	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

MD
12/15/09

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.06

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.06

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150919.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

MW 12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.06

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.06

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150919.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2.74	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

NW
12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.07

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.07

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150910.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

MW
12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.07

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293853.07

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150910.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	4.25	ug/L		u
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	uJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	uJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

FORM I SV 3/90

kw
12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.10

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix (soil/water) Water Lab Sample ID: 293853.10

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150923.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	2.58	ug/L	
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U UJ
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

NW 12/15/09

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.10

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.10

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150923.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	3.95	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

MW 12/15/09

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.11

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293853.11

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150924.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	~~U~~ UJ
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

NW
12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.11

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293853.11

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150924.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/15/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.49	ug/L		
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	9.48	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

MS 12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.12

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293853.12

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150925.d

Level: (low/med) _____ Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

MW 12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.12

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.12

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150925.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	9.11	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

MW 12/15/09

13

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.13

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.13

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150926.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	~~U~~ UJ
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

ND
12/15/09

13

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.13

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293853.13

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09150926.d

Level: (low/med) Date Received: 9/11/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/14/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	4.82	ug/L		u
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	6.64	ug/L		
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	uJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	uJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

MW 12/15/09

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293896.00

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 293896.00

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09180913.d

Level: (low/med) _____ Date Received: 9/15/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/17/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/18/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	7.48	ug/L	
132-64-9	Dibenzofuran	3.42	ug/L	
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	2.04	ug/L	
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

MW
12/15/09

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293896.00

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 293896.00

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 09180913.d

Level: (low/med) Date Received: 9/15/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 9/17/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/18/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q	
120-12-7	Anthracene	1.00	ug/L	U	
86-74-8	Carbazole	1.00	ug/L	U	
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U	
206-44-0	Fluoranthene	1.00	ug/L	U	
129-00-0	Pyrene	1.00	ug/L	U	
85-68-7	BenzylButylPhthalate	1.00	ug/L	U	
117-81-7	Bis(2-ethylhexyl)phthalate	8.66	ug/L		U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U	
218-01-9	Chrysene	1.00	ug/L	U	
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U	
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U	
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U	
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U	
50-32-8	Benzo(a)pyrene	1.00	ug/L	U	
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U	↓
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U	
108-95-2	Phenol	1.00	ug/L	U	
95-57-8	2-Chlorophenol	1.00	ug/L	U	
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U	
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U	
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U	
88-75-5	2-Nitrophenol	1.00	ug/L	U	
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U	
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U	
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U	
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U	
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U	UJ
100-02-7	4-Nitrophenol	10.0	ug/L	U	
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U	
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U	

LW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.01

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

LW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.: 293853.02

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

NW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.03

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

ww
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.04

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

NW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.05

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

MW
12/15/09

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1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.06

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

MW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.07

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

VW 12/15/09

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1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.10

Lab Name: Ecotest Labs Inc. Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID:

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID:

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

NW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293853.11

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

NW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.: 293853.12

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

hw
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.: 293853.13

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

NW
12/15/09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. 293896.00

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: 100 decanted: (Y/N) N Date Received: 9/14/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 9/16/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 9/17/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

MW 12/15/09

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.01

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

MW
12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.02

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

NW
12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.03

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

MW 12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.04

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

NW
12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.05

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

tw
12/15/09

6

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.06

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

JW 12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

293853.07

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

LW
12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.10

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

MW 12/15/09

11

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.11

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

lw
12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.12

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293853.13

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/11/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/16/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

LW
12/15/09

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
293896.00

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 09/15/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 09/15/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/17/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

MW
12/15/09

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.293853.01 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:0940
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.025	091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025	091609	0.025	EPA200.7
Arsenic as As	mg/L	0.056	091609	0.025	EPA200.7
Barium as Ba	mg/L	0.14	091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005	091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025	091609	0.025	EPA200.7
Calcium as Ca	mg/L	270	091609	1	EPA200.7
Chromium as Cr	mg/L	0.038	091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025	091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05	091609	0.05	EPA200.7
Iron as Fe	mg/L	9.3	091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025	091609	0.025	EPA200.7
Magnesium as Mg	mg/L	440	091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.3	091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025	091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05	091609	0.05	EPA200.7
Potassium as K	mg/L	380	091609	50	EPA200.7
Selenium as Se	mg/L	< 0.05	091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025	091609	0.025	EPA200.7
Sodium as Na	mg/L	13000	091609	5	EPA200.7
Thallium as Tl	mg/L	< 0.025	091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025	091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05	091609	0.05	EPA200.7
Boron as B	mg/L	1.7	091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	2500	091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 21391 NYSDOH ID # 10320 NW 12/15/09 Page 10 of 11

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.293853.02 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		091609	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		091609	0.025	EPA200.7
Barium as Ba	mg/L	0.1		091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		091609	0.025	EPA200.7
Calcium as Ca	mg/L	150		091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		091609	0.05	EPA200.7
Iron as Fe	mg/L	26		091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		091609	0.025	EPA200.7
Magnesium as Mg	mg/L	27		091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.66		091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		091609	0.05	EPA200.7
Potassium as K	mg/L	< 5		091609	5	EPA200.7
Selenium as Se	mg/L	< 0.05		091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		091609	0.025	EPA200.7
Sodium as Na	mg/L	860		091609	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		091609	0.025	EPA200.7
Zinc as Zn	mg/L	0.06		091609	0.05	EPA200.7
Boron as B	mg/L	0.28		091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	490		091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 21402 NYSDOH ID # 10320 Page 10 of 11

12/15/09

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.293853.03 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1405

MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		091609	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		091609	0.025	EPA200.7
Barium as Ba	mg/L	0.04		091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		091609	0.025	EPA200.7
Calcium as Ca	mg/L	53		091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		091609	0.05	EPA200.7
Iron as Fe	mg/L	0.85		091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		091609	0.025	EPA200.7
Magnesium as Mg	mg/L	110		091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.05		091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		091609	0.05	EPA200.7
Potassium as K	mg/L	90		091609	50	EPA200.7
Selenium as Se	mg/L	< 0.05		091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		091609	0.025	EPA200.7
Sodium as Na	mg/L	1700		091609	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		091609	0.05	EPA200.7
Boron as B	mg/L	1.1		091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	580		091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit.

REMARKS:

DIRECTOR

rn = 21413 NYSDOH ID # 10320 Page 10 of 11

12/15/09

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.293853.04 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1610
MATRIX:Water SAMPLE: MP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05	091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025	091609	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025	091609	0.025	EPA200.7
Barium as Ba	mg/L	1.1	091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005	091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025	091609	0.025	EPA200.7
Calcium as Ca	mg/L	100	091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025	091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025	091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05	091609	0.05	EPA200.7
Iron as Fe	mg/L	1.0	091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025	091609	0.025	EPA200.7
Magnesium as Mg	mg/L	140	091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.39	091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025	091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05	091609	0.05	EPA200.7
Potassium as K	mg/L	79	091609	50	EPA200.7
Selenium as Se	mg/L	< 0.05	091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025	091609	0.025	EPA200.7
Sodium as Na	mg/L	380	091609	50	EPA200.7
Thallium as Tl	mg/L	< 0.025	091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025	091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05	091609	0.05	EPA200.7
Boron as B	mg/L	2.6	091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	820	091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

12/15/09

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.293853.05 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1723

MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		091609	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		091609	0.025	EPA200.7
Barium as Ba	mg/L	0.17		091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		091609	0.025	EPA200.7
Calcium as Ca	mg/L	230		091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		091609	0.05	EPA200.7
Iron as Fe	mg/L	14		091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		091609	0.025	EPA200.7
Magnesium as Mg	mg/L	510		091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.54		091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		091609	0.05	EPA200.7
Potassium as K	mg/L	240		091609	50	EPA200.7
Selenium as Se	mg/L	< 0.05		091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		091609	0.025	EPA200.7
Sodium as Na	mg/L	4100		091609	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.005		091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		091609	0.05	EPA200.7
Boron as B	mg/L	1.5		091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	2700		091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.06 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		091609	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		091609	0.025	EPA200.7
Barium as Ba	mg/L	0.04		091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		091609	0.025	EPA200.7
Calcium as Ca	mg/L	53		091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		091609	0.05	EPA200.7
Iron as Fe	mg/L	0.86		091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		091609	0.025	EPA200.7
Magnesium as Mg	mg/L	120		091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.05		091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		091609	0.05	EPA200.7
Potassium as K	mg/L	93		091609	50	EPA200.7
Selenium as Se	mg/L	< 0.05		091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		091609	0.025	EPA200.7
Sodium as Na	mg/L	1800		091609	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		091609	0.05	EPA200.7
Boron as B	mg/L	1.1		091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	620		091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

12/15/09

7

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.07 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:0940
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	TIME	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.08		091609		0.05	EPA200.7
Antimony as Sb	mg/L	0.049		091609		0.025	EPA200.7
Arsenic as As	mg/L	0.037		091609		0.025	EPA200.7
Barium as Ba	mg/L	0.1		091609		0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		091609		0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		091609		0.025	EPA200.7
Calcium as Ca	mg/L	350		091609		1	EPA200.7
Chromium as Cr	mg/L	0.03		091609		0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		091609		0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		091609		0.05	EPA200.7
Iron as Fe	mg/L	5.6		091609		0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		091609		0.025	EPA200.7
Magnesium as Mg	mg/L	1000		091609		0.025	EPA200.7
Manganese as Mn	mg/L	1.6		091609		0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709		0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		091609		0.05	EPA200.7
Potassium as K	mg/L	560		091809		50	EPA200.7
Selenium as Se	mg/L	< 0.05		091609		0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		091609		0.025	EPA200.7
Sodium as Na	mg/L	10000		091609		500	EPA200.7
Thallium as Tl	mg/L	< 0.025		091609		0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		091609		0.025	EPA200.7
Zinc as Zn	mg/L	0.09		091609		0.05	EPA200.7
Boron as B	mg/L	3.1		091609		0.05	EPA200.7
Hardness as CaCO3	mg/L	5000		091609		2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 21457 NYSDOH ID # 10320 Page 10 of 11

12/15/09

Analytical results relate to the samples as received by the...

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.293853.10 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:1500
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.06	091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025	091609	0.025	EPA200.7
Arsenic as As	mg/L	0.029	091609	0.025	EPA200.7
Barium as Ba	mg/L	0.063	091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005	091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025	091609	0.025	EPA200.7
Calcium as Ca	mg/L	210	091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025	091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025	091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05	091609	0.05	EPA200.7
Iron as Fe	mg/L	11	091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025	091609	0.025	EPA200.7
Magnesium as Mg	mg/L	34	091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.48	091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025	091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05	091609	0.05	EPA200.7
Potassium as K	mg/L	16	091609	5	EPA200.7
Selenium as Se	mg/L	< 0.05	091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025	091609	0.025	EPA200.7
Sodium as Na	mg/L	90	091609	5	EPA200.7
Thallium as Tl	mg/L	< 0.025	091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025	091609	0.025	EPA200.7
Zinc as Zn	mg/L	0.83	091609	0.05	EPA200.7
Boron as B	mg/L	0.44	091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	660	091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.11 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:1640
MATRIX:Water SAMPLE: MP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05	091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025	091609	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025	091609	0.025	EPA200.7
Barium as Ba	mg/L	0.14	091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005	091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025	091609	0.025	EPA200.7
Calcium as Ca	mg/L	200	091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025	091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025	091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05	091609	0.05	EPA200.7
Iron as Fe	mg/L	3.8	091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025	091609	0.025	EPA200.7
Magnesium as Mg	mg/L	47	091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.65	091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025	091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05	091609	0.05	EPA200.7
Potassium as K	mg/L	16	091609	5	EPA200.7
Selenium as Se	mg/L	< 0.05	091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025	091609	0.025	EPA200.7
Sodium as Na	mg/L	74	091609	5	EPA200.7
Thallium as Tl	mg/L	< 0.025	091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025	091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05	091609	0.05	EPA200.7
Boron as B	mg/L	0.52	091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	690	091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

12/15/09

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.293853.12 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:1800
MATRIX:Water SAMPLE: MP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05	091609	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025	091609	0.025	EPA200.7
Arsenic as As	mg/L	0.031	091609	0.025	EPA200.7
Barium as Ba	mg/L	0.059	091609	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.001	091609	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025	091609	0.025	EPA200.7
Calcium as Ca	mg/L	270	091609	1	EPA200.7
Chromium as Cr	mg/L	< 0.025	091609	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025	091609	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05	091609	0.05	EPA200.7
Iron as Fe	mg/L	24	091609	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025	091609	0.025	EPA200.7
Magnesium as Mg	mg/L	630	091609	0.025	EPA200.7
Manganese as Mn	mg/L	0.93	091609	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025	091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05	091609	0.05	EPA200.7
Potassium as K	mg/L	290	091609	50	EPA200.7
Selenium as Se	mg/L	< 0.05	091609	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025	091609	0.025	EPA200.7
Sodium as Na	mg/L	5000	091609	50	EPA200.7
Thallium as Tl	mg/L	< 0.025	091609	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025	091609	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05	091609	0.05	EPA200.7
Boron as B	mg/L	1.7	091609	0.05	EPA200.7
Hardness as CaCO3	mg/L	3300	091609	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cc = 21512 NYSDOH ID # 10320 Page 10 of 11

12/15/09

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.293853.13 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		091609	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		091609	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		091609	0.005	EPA200.7
Barium as Ba	mg/L	< 0.005		091609	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		091609	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		091609	0.005	EPA200.7
Calcium as Ca	mg/L	< 0.2		091609	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		091609	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		091609	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		091609	0.01	EPA200.7
Iron as Fe	mg/L	< 0.01		091609	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		091609	0.005	EPA200.7
Magnesium as Mg	mg/L	< 0.005		091609	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		091609	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		091609	0.01	EPA200.7
Potassium as K	mg/L	< 1		091609	1	EPA200.7
Selenium as Se	mg/L	< 0.01		091609	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		091609	0.005	EPA200.7
Sodium as Na	mg/L	< 1		091609	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		091609	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		091609	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		091609	0.01	EPA200.7
Boron as B	mg/L	< 0.01		091609	0.01	EPA200.7
Hardness as CaCO3	mg/L	< 0.52		091609	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Lic # 21523 NYSDOH ID # 10320 Page 10 of 11

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293896.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/14/09 RECEIVED:09/15/09
TIME COL'D:1445

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.74		092109	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		092109	0.025	EPA200.7
Arsenic as As	mg/L	0.039		092109	0.025	EPA200.7
Barium as Ba	mg/L	0.049		092109	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		092109	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.005		092109	0.025	EPA200.7
Calcium as Ca	mg/L	120		092109	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		092109	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		092109	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		092109	0.05	EPA200.7
Iron as Fe	mg/L	8.7		092109	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		092109	0.025	EPA200.7
Magnesium as Mg	mg/L	38		092109	0.025	EPA200.7
Manganese as Mn	mg/L	0.24		092109	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		091709	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		092109	0.05	EPA200.7
Potassium as K	mg/L	37		092109	5	EPA200.7
Selenium as Se	mg/L	< 0.05		092109	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		092109	0.025	EPA200.7
Sodium as Na	mg/L	300		092109	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		092109	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		092109	0.025	EPA200.7
Zinc as Zn	mg/L	0.08		092109	0.05	EPA200.7
Boron as B	mg/L	0.69		092109	0.05	EPA200.7
Hardness as CaCO3	mg/L	310		092109	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

12/15/09

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.293853.01 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:0940
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	780		091509	20	1823208
Ammonia as N	mg/L	17		091409	0.2	4500NH3C
BOD5	mg/L	< 2		091109 1600	2	5210B
COD	mg/L	< 800		091609	800	EPA410.4
Chloride as Cl	mg/L	27000		091809	1000	204500C1B
Color units		50		091509	10	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	1200		091709	250	AS D516-02
Tot Dissolved Solids	mg/L	44000		091709	100	2540C
Tot. Kjeldahl N.	mg/L	18		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	6.8		091809	0.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

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rn = 21392 NYSDOH ID # 10320 Page 11 of 11

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12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.02 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	460		091509	20	182320B
Ammonia as N	mg/L	9.2		091409	0.2	4500NH3C
BOD5	mg/L	< 2		091109 1600	2	5210B
COD	mg/L	< 400		091609	400	EPA410.4
Chloride as Cl	mg/L	1300		091809	20	204500C1B
Color units		20		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	130		091709	50	AS D516-02
Tot Dissolved Solids	mg/L	2800		091509	10	2540C
Tot. Kjeldahl N.	mg/L	10		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	8.3		091809	0.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

rn = 21403 NYSDOH ID # 10320 Page 11 of 11

hw 12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.03 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1405
MATRIX:Water SAMPLE: MP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT		DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	980		091509	20	182320B
Ammonia as N	mg/L	4.6		091409	0.2	4500NH3C
BOD5	mg/L	2.4		091109 1600	2	5210B
COD	mg/L	< 400		091609	400	EPA410.4
Chloride as Cl	mg/L	2600		091809	20	204500CLB
Color units		60		091509	10	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	37		091709	5	AS D516-02
Tot Dissolved Solids	mg/L	4900		091509	10	2540C
Tot. Kjeldahl N.	mg/L	5.4		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	7.2		092809	0.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	1.4	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

rn = 21414 NYSDOH ID # 10320 Page 11 of 11

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Analytical results relate to the samples as received.

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.04 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1610
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	1800		091509	20	182320B
Ammonia as N	mg/L	120		091409	0.4	4500NH3C
BOD5	mg/L	20		091109 1600	6	5210B
COD	mg/L	< 400		091609	400	EPA410.4
Chloride as Cl	mg/L	390		091809	20	204500C1B
Color units		180		091509	30	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	34		091709	5	AS D516-02
Tot Dissolved Solids	mg/L	2400		091509	10	2540C
Tot. Kjeldahl N.	mg/L	130		091609	0.4	4500NORGB
Tot Organic Carbon	mg/L	120		091809	25	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

rp = 21425 NYSDOH ID # 10320 Page 11 of 11

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.05 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09
TIME COL'D:1723
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	540		091509	20	182320B
Ammonia as N	mg/L	10		091409	0.2	4500NH3C
BOD5	mg/L	< 2		091109 1600	2	5210B
COD	mg/L	< 400		091609	400	EPA410.4
Chloride as Cl	mg/L	7200		091809	100	204500C1B
Color units		25		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	900		091709	125	AS D516-02
Tot Dissolved Solids	mg/L	14000		091509	10	2540C
Tot. Kjeldahl N.	mg/L	11		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	8.3		091809	1	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	19	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS; * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

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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.293853.06 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/09/09 RECEIVED:09/11/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	880		091509	20	182320B
Ammonia as N	mg/L	4.2		091409	0.2	4500NH3C
BOD5	mg/L	2.4		091109 1600	2	5210B
COD	mg/L	80		091609	80	EPA410.4
Chloride as Cl	mg/L	2000		091809	20	204500ClB
Color units		60		091509	10	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	31		091709	5	AS D516-02
Tot Dissolved Solids	mg/L	4800		091509	10	2540C
Tot. Kjeldahl N.	mg/L	4.6		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	6.6		091809	1	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NY ID#11777.

DIRECTOR

rm = 21447 NYSDOH ID # 10320 Page 11 of 11

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.07 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:0940
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT		DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	230		091509	2	182320B
Ammonia as N	mg/L	7.6		091409	0.2	4500NH3C
BOD5	mg/L	< 2		091109 1600	2	5210B
COD	mg/L	< 800		091609	800	EPA410.4
Chloride as Cl	mg/L	16000		091809	100	204500ClB
Color units		15		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	1900		091709	500	AS D516-02
Tot Dissolved Solids	mg/L	25000		091709	100	2540C
Tot. Kjeldahl N.	mg/L	8.2		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	< 0.5		091809	0.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	35	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

12/15/09

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.293853.10 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:1500

MATRIX:Water SAMPLE: MP-603

ANALYTICAL PARAMETERS	UNITS	RESULT		DATE TIME OF ANALYSIS	IRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	350		091509	2	182320B
Ammonia as N	mg/L	7.6		091409	0.2	4500NH3C
BOD5	mg/L	< 2		091109 1600	2	5210B
COD	mg/L	< 40		091609	40	EPA410.4
Chloride as Cl	mg/L	190		091809	20	20450OCIB
Color units		25		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	380		091709	125	AS D516-02
Tot Dissolved Solids	mg/L	920		091509	10	2540C
Tot. Kjeldahl N.	mg/L	8.2		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	4.5		091809	1	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

IRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

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rn = 21491 NYSDOH ID # 10320 Page 11 of 11

12/15/09

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293853.11 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:1640

MATRIX:Water SAMPLE: MP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT		DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	840		091509	20	1823208
Ammonia as N	mg/L	3.6		091409	0.2	4500NH3C
BOD5	mg/L	2.3		091109 1600	2	5210B
COD	mg/L	50		091609	40	EPA410.4
Chloride as Cl	mg/L	80		091809	20	204500C1B
Color units		15		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	48		091709	25	AS D516-02
Tot Dissolved Solids	mg/L	17000		091509	10	2540C
Tot. Kjeldahl N.	mg/L	4.4		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	5.9		091809	1	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

rm = 21502 NYSDOH ID # 10320 12/15/09 Page 11 of 11

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.293853.12 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue LandFill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09
TIME COL'D:1800
MATRIX:Water SAMPLE: MP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT		DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	260		091509	20	1823208
Ammonia as N	mg/L	1.8		091409	0.2	4500NH3C
BOD5	mg/L	2.8		091109 1600	2	5210B
COD	mg/L	800		091609	400	EPA410.4
Chloride as Cl	mg/L	9900		091809	100	204500CLB
Color units		10		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	1000		091709	500	AS D516-02
Tot Dissolved Solids	mg/L	260		091509	10	2540C
Tot. Kjeldahl N.	mg/L	2.2		091409	0.2	4500NORGB
Tot Organic Carbon	mg/L	< 0.5		091809	0.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	23	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

cn = 21513 NYSDOH ID # 10720 Page 11 of 11

NW 12/15/09

Analytical results relate to the samples as received.

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.293853.13 10/02/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/10/09 RECEIVED:09/11/09

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT		DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	2		091509	2	1823208
Ammonia as N	mg/L	< 0.2		091409	0.2	4500NH3C
BOD5	mg/L	< 2		091109 1600	2	5210B
COD	mg/L	< 40		091609	40	EPA410.4
Chloride as Cl	mg/L	6		091809	2	204500CLB
Color units		< 5		091509	5	182120B
Nitrate as N	mg/L	< 0.5		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	< 5		091709	5	AS D516-02
Tot Dissolved Solids	mg/L	33		093009	10	2540C
Tot. Kjeldahl N.	mg/L	< 0.2		091609	0.2	4500NORGB
Tot Organic Carbon	mg/L	< 0.5		091809	0.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091109 1415	0.02	3500CrB
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	091809	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

cm # 21524 NYSDOH ID # 10320 Page 11 of 11

NW 12/15/09

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.293896.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvannia Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/14/09 RECEIVED:09/15/09
TIME COL'D:1445

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Alkalinity tot CaCo3	mg/L	520		091509	20	182320B
Ammonia as N	mg/L	27		091709	0.2	4500NH3C
BOD5	mg/L	26		091609 1500	10	5210B
COD	mg/L	110		091609	40	EPA410.4
Chloride as Cl	mg/L	570		091809	20	204500ClB
Color units		30		091609 1039	5	182120B
Nitrate as N	mg/L	1.6		091609	0.5	EPA353.2
Phenols as Phenol	mg/L	< 0.001		091609	0.001	EPA420.1
Sulfate as SO4	mg/L	36		091709	10	AS D516-02
Tot Dissolved Solids	mg/L	1400		091709	100	2540C
Tot. Kjeldahl N.	mg/L	29		091809	0.2	4500NORGB
Tot Organic Carbon	mg/L	7.8		091809	2.5	5310C
Chromium hex as Cr	mg/L	< 0.02		091609 0910	0.02	3500Cr8
Cyanide as CN	mg/L	< 0.02		091509	0.02	EPA335.4
Bromide as Br	mg/L	< 0.5	*	092209	0.5	EPA300.0

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Analysis performed by Summit Labs, NYID#11777.

DIRECTOR

cm # 21740 NYSDOH ID # 10320 Page 11 of 11

MW 12/15/09

ATTACHMENT 2c

Fourth Quarter 2009 Validated Ground Water-Monitoring Results

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
PENNSYLVANIA AVENUE LANDFILL, NEW YORK

Client: ST Environmental Services, Inc., Glen Cove, New York
SDG: 294991
Laboratory: EcoTest Laboratories, Inc., North Babylon, New York
Site: Pennsylvania Avenue Landfill, New York
Date: May 6, 2010

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HP-407-D	294991.00	Water
2	HP-407-U	295011.01	Water
2MS**	HP-407-UMS	295011.01MS	Water
2MSD**	HP-407-UMSD	295011.01MSD	Water
3	HP-407-S	295011.04	Water
3MS†	HP-407-SMS	295011.04MS	Water
3MSD†	HP-407-SMSD	295011.04MSD	Water
4	HP-101-U	295060.01	Water
4D	BLIND DUPLICATE	295060.04	Water
5	HP-101-S	295060.02	Water
6	HP-101-D	295060.03	Water
7	HP-318	295060.05	Water
8	HP-104-A	295061.01	Water
9	HP-603	295061.02	Water
10	HP-103-D	295080.01	Water
11	FIELD BLANK	295080.02	Water
12*	TRIP BLANK	295080.03	Water

* - VOC only ** - VOC, SVOC, Pest, PCB only † - SVOC only

A Data Usability Summary Review was performed on the analytical data for eleven water samples, one aqueous field blank sample and one aqueous trip blank sample collected by Severn Trent Environmental Services at the Pennsylvania Avenue Landfill site in New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pest/PCB	USEPA Method 608
Metals	USEPA Method 200.7
Mercury	USEPA Method 245.2
Wet Chemistry	USEPA Methods - various

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There was one rejection of data. This data cannot be used in the decision-making process for this project.

- Acetone was rejected in one sample due to a low ICAL RRF value.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- Carbon disulfide was qualified as estimated in several samples due to low LCS recoveries.
- Five SVOC compounds were qualified as estimated in one sample due to low LCS recoveries.
- Two SVOC compounds were qualified as nondetected in several samples due to method blank contamination.
- Two SVOC compounds were qualified as estimated in several samples due to high initial calibration %RSD values.
- Several SVOC compounds were qualified as estimated in two samples due to low internal standard recoveries.
- Two pesticide/PCB compounds were qualified as estimated in one sample due to low MS/MSD recoveries.
- Several metals compounds were qualified as nondetected in several samples due to method blank and field blank contamination.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
2	Methyl ethyl ketone	Ok/Ok/20	None for RPD Alone

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
LCS 12/02/09	Carbon Disulfide	77%	J/UJ	1
LCS 12/08/09	Carbon Disulfide	77%	J/UJ	4, 4D, 5, 6, 7, 8, 9

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-	-
FIELD BLANK	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 20 percent relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %RSD may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
12/01/09	Acetone	0.049 RRF	J/R	1

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	HP-101-U ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
Chlorobenzene	7	7	0%	None

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
2	n-Nitrosodiphenylamine	Ok/Ok/28	None for RPD Alone
	Carbazole	Ok/Ok/28	
	Benzo(k)fluoranthene	Ok/Ok/46	
	Dibenzo(a,h)anthracene	37%/50%/Ok	None - See IS
	Indeno(1,2,3-cd)pyrene	38%/52%/Ok	
	Benzo(g,h,i)perylene	37%/49%/Ok	
	4-Nitrophenol	Ok/Ok/41	None for RPD Alone
3	2,4-Dinitrophenol	Ok/20%/113	J/UJ
	4,6-Dinitro-2-methylphenol	Ok/51%/63	J/UJ
	Pentachlorophenol	Ok/Ok/58	None for RPD Alone

Laboratory Control Samples

- The LCS samples exhibited acceptable recoveries.

Method Blank

- The following table presents compounds detected in the method blanks. Concentrations of common laboratory contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
MB 12/07	Di-n-butylphthalate	0.96	9.60	U	2, 3
	bis(2-Ethylhexyl)phthalate	1.65	16.5	U	2, 3
MB 12/07	Di-n-butylphthalate	2.61	26.10	None	All ND
	bis(2-Ethylhexyl)phthalate	2.55	25.50	None	All ND
MB 12/10	Di-n-butylphthalate	0.47	4.7	U	8, 9, 10
	bis(2-Ethylhexyl)phthalate	2.07	20.7	U	8, 9, 10
MB 12/11	Di-n-butylphthalate	0.52	5.2	U	4, 4D, 5, 6, 7
	bis 2-Ethylhexyl)phthalate	2.02	20.2	U	4, 5, 6, 7

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
Field Blank	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 30 percent relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives.

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
12/07/09	Benzo(g,h,i)perylene	30.52%	J/UJ	1
12/10/09	Hexachlorocyclopentadiene	31.96%	J/UJ	4, 4D, 5-10

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- No discrepancies were identified.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
2	IS6-Perylene-d12	Low	J/UJ - Associated Compounds
3	IS1-1,4-Dichlorobenzene-d4	Low	J/UJ - Associated Compounds
	IS5-Chrysene-d12	Low	
	IS6-Perylene-d12	Low	

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	HP-101-U ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for preserved water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate recoveries.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
2	4,4'-DDE	59%/Ok/Ok	J/UJ
	Aroclor-1260	50%/50%/Ok	J/UJ

Laboratory Control Samples

- The LCS sample exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Pest/PCBs				
Compound	HP-101-U ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals/Wet Chemistry

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury, 180 days for all other metals and the recommended holding times for all wet chemistry analyses.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The following table presents compounds detected in the method blanks. Concentrations of contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
PBW	Aluminum	0.238	2.38	U	3
	Iron	0.017	0.17	None	All >10X
	Magnesium	0.0106	0.106	None	All >10X

Field Blank

- The following table presents compounds detected in the field QC samples. Concentrations of contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FIELD BLANK	Iron	0.01	0.10	None	All >10X

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FIELD BLANK	Chloride	4	-	None	No Action for wet chemistry parameters
	TDS	64	-	None	
	Alkalinity	8	-	None	

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

ICP Serial Dilution

- The ICP serial dilution sample exhibited acceptable %D values.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Metals				
Compound	HP-101-U mg/L	BLIND DUPLICATE mg/L	RPD	Qualifier
Barium	0.095	0.1	5%	None
Calcium	140	140	0%	None
Iron	28	28	0%	None
Magnesium	22	23	4%	None
Manganese	0.54	0.55	2%	None
Potassium	19	20	5%	None
Sodium	550	570	4%	None
Zinc	0.03	0.03	0%	None
Hardness	440	440	0%	None
Ammonia	7.2	7.2	0%	None
Chloride	1000	1000	0%	None
Sulfate	150	150	0%	None
TDS	2100	2100	0%	None
TKN	8.4	8.6	2%	None
Alkalinity	560	640	13%	None

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/10/10

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294991.00 12/29/09

ST. Environmental Services. Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/01/09 RECEIVED:12/01/09
TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120209	1	EPA8260
Bromomethane	ug/L	< 1		120209	1	EPA8260
Vinyl Chloride	ug/L	< 1		120209	1	EPA8260
Chloroethane	ug/L	< 1		120209	1	EPA8260
Methylene Chloride	ug/L	< 1		120209	1	EPA8260
Acetone	ug/L	< 10	R	120209	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120209	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120209	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120209	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120209	2	EPA8260
Chloroform	ug/L	< 1		120209	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120209	1	EPA8260
2-Butanone	ug/L	< 10		120209	10	EPA8260
111 Trichloroethane	ug/L	< 1		120209	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120209	1	EPA8260
Bromodichloromethane	ug/L	< 1		120209	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120209	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120209	1	EPA8260
Trichloroethene	ug/L	< 1		120209	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120209	1	EPA8260
112 Trichloroethane	ug/L	< 1		120209	1	EPA8260
Benzene	ug/L	< 1		120209	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120209	1	EPA8260
Bromoform	ug/L	< 1		120209	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120209	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/6/10 DIRECTOR

rn = 28504 NYSDOH ID # 10320 Page 1 of 10

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.294991.00 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/01/09 RECEIVED:12/01/09
TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120209	10	EPA8260
Tetrachloroethene	ug/L	< 1		120209	1	EPA8260
Toluene	ug/L	< 1		120209	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120209	1	EPA8260
Chlorobenzene	ug/L	< 1		120209	1	EPA8260
Ethyl Benzene	ug/L	< 1		120209	1	EPA8260
Styrene	ug/L	< 1		120209	1	EPA8260
o Xylene	ug/L	< 1		120209	1	EPA8260
m + p Xylene	ug/L	< 2		120209	2	EPA8260
Xylene	ug/L	< 3		120209	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW 5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294991.00 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/01/09 RECEIVED:12/01/09
TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1	120709	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1	120709	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1	120709	1	EPA8270
Carbazole	ug/L	< 1	120709	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1	120709	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1	120709	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1	120709	1	EPA8270
Hexachloroethane	ug/L	< 1	120709	1	EPA8270
Nitrobenzene	ug/L	< 1	120709	1	EPA8270
Isophorone	ug/L	< 1	120709	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1	120709	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1	120709	1	EPA8270
Naphthalene(sv)	ug/L	< 1	120709	1	EPA8270
4-Chloroaniline	ug/L	< 1	120709	1	EPA8270
Hexachlorobutadiene	ug/L	< 1	120709	1	EPA8270
2-Methylnaphthalene	ug/L	< 1	120709	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	120709	10	EPA8270
2-Chloronaphthalene	ug/L	< 1	120709	1	EPA8270
2-Nitroaniline	ug/L	< 1	120709	1	EPA8270
Dimethyl Phthalate	ug/L	< 1	120709	1	EPA8270
Acenaphthylene	ug/L	< 1	120709	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1	120709	1	EPA8270
3-Nitroaniline	ug/L	< 1	120709	1	EPA8270
Acenaphthene	ug/L	< 1	120709	1	EPA8270
Dibenzofuran	ug/L	< 1	120709	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10 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.294991.00 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/01/09 RECEIVED:12/01/09
TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		120709	1	EPA8270
Diethyl Phthalate	ug/L	< 1		120709	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		120709	1	EPA8270
Fluorene	ug/L	< 1		120709	1	EPA8270
4-Nitroaniline	ug/L	< 1		120709	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		120709	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		120709	1	EPA8270
Hexachlorobenzene	ug/L	< 1		120709	1	EPA8270
Phenanthrene	ug/L	< 1		120709	1	EPA8270
Anthracene	ug/L	< 1		120709	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		120709	1	EPA8270
Fluoranthene	ug/L	< 1		120709	1	EPA8270
Pyrene	ug/L	< 1		120709	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		120709	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		120709	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		120709	1	EPA8270

cc:

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REMARKS:

NJ 5/6/10 DIRECTOR

rn = 28507 NYSDOH ID # 10320 Page 4 of 10

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Glen Cove, NY 11542

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/01/09 RECEIVED:12/01/09
TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		120709	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		120709	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		120709	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		120709	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		120709	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		120709	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		120709	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		120709	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1	UJ	120709	1	EPA8270

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MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		120709	1	EPA8270
2-Chlorophenol	ug/L	< 1		120709	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		120709	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		120709	1	EPA8270
2-Nitrophenol	ug/L	< 1		120709	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		120709	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		120709	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		120709	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		120709	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		120709	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		120709	10	EPA8270
4-Nitrophenol	ug/L	< 10		120709	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		120709	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		120709	10	EPA8270

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MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		120509	0.05	EPA608
Heptachlor	ug/L	< 0.05		120509	0.05	EPA608
Aldrin	ug/L	< 0.05		120509	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDE	ug/L	< 0.05		120509	0.05	EPA608
Dieldrin	ug/L	< 0.05		120509	0.05	EPA608
Endrin	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDD	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDT	ug/L	< 0.1		120509	0.1	EPA608
Chlordane	ug/L	< 0.2		120509	0.2	EPA608
Toxaphene	ug/L	< 1		120509	1	EPA608
Endrin Ketone	ug/L	< 0.1		120509	0.1	EPA608
a BHC	ug/L	< 0.05		120509	0.05	EPA608
b BHC	ug/L	< 0.05		120509	0.05	EPA608
d BHC	ug/L	< 0.05		120509	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		120509	0.1	EPA608

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MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		120509	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		120509	0.3	EPA608
Methoxychlor	ug/L	< 0.1		120509	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		120509	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120809	0.065	EPA608

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TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		120309	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120309	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120309	0.005	EPA200.7
Barium as Ba	mg/L	0.057		120309	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120309	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120309	0.005	EPA200.7
Calcium as Ca	mg/L	260		120309	4	EPA200.7
Chromium as Cr	mg/L	< 0.005		120309	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120309	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120309	0.01	EPA200.7
Iron as Fe	mg/L	24		120309	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120309	0.005	EPA200.7
Magnesium as Mg	mg/L	600		120309	0.1	EPA200.7
Manganese as Mn	mg/L	0.96		120309	0.01	EPA200.7
Mercury as Hg	mg/L	0.00039		120309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		120309	0.01	EPA200.7
Potassium as K	mg/L	210		120309	200	EPA200.7
Selenium as Se	mg/L	< 0.01		120309	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120309	0.005	EPA200.7
Sodium as Na	mg/L	5000		120309	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		120309	0.01	EPA200.7
Vanadium as V	mg/L	< 0.005		120309	0.005	EPA200.7
Zinc as Zn	mg/L	0.03		120309	0.01	EPA200.7
Hardness as CaCO3	mg/L	3100		120309	0.52	EPA200.7

cc:

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REMARKS:

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294991.00 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/01/09 RECEIVED:12/01/09
TIME COL'D:1245

MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	2.0		120309	0.2	4500NH3C
Chloride as Cl	mg/L	9800		120209	100	204500C1B
Nitrate as N	mg/L	< 0.5		120109	0.5	EPA353.2
Sulfate as SO4	mg/L	1200		120209	250	AS D5120
Tot Dissolved Solids	mg/L	18000		120209	100	2540C
Tot. Kjeldahl N.	mg/L	2.2		120409	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	240		120209	2	182320B
Phenols as Phenol	mg/L	< 0.001		120809	0.001	EPA420.1

cc:

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REMARKS:

NW 5/6/10 DIRECTOR

rn = 28513 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295011.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120409	1	EPA8260
Bromomethane	ug/L	< 1		120409	1	EPA8260
Vinyl Chloride	ug/L	< 1		120409	1	EPA8260
Chloroethane	ug/L	< 1		120409	1	EPA8260
Methylene Chloride	ug/L	< 1		120409	1	EPA8260
Acetone	ug/L	< 10		120409	10	EPA8260
Carbon disulfide	ug/L	< 1		120409	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120409	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120409	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120409	2	EPA8260
Chloroform	ug/L	< 1		120409	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120409	1	EPA8260
2-Butanone	ug/L	< 10		120409	10	EPA8260
111 Trichloroethane	ug/L	< 1		120409	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120409	1	EPA8260
Bromodichloromethane	ug/L	< 1		120409	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120409	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120409	1	EPA8260
Trichloroethene	ug/L	< 1		120409	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120409	1	EPA8260
112 Trichloroethane	ug/L	< 1		120409	1	EPA8260
Benzene	ug/L	2		120409	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120409	1	EPA8260
Bromoform	ug/L	< 1		120409	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120409	10	EPA8260

cc:

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REMARKS:

nw
5/6/10 DIRECTOR

cc = 28619 NYSDOH ID # 10920 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295011.01 12/29/09

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

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SOURCE OF SAMPLE:
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TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120409	10	EPA8260
Tetrachloroethene	ug/L	< 1		120409	1	EPA8260
Toluene	ug/L	< 1		120409	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120409	1	EPA8260
Chlorobenzene	ug/L	5		120409	1	EPA8260
Ethyl Benzene	ug/L	< 1		120409	1	EPA8260
Styrene	ug/L	< 1		120409	1	EPA8260
o Xylene	ug/L	< 1		120409	1	EPA8260
m + p Xylene	ug/L	< 2		120409	2	EPA8260
Xylene	ug/L	< 3		120409	3	EPA8260

cc:

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REMARKS:

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MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		120709	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		120709	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		120709	1	EPA8270
Carbazole	ug/L	< 1		120709	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		120709	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		120709	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		120709	1	EPA8270
Hexachloroethane	ug/L	< 1		120709	1	EPA8270
Nitrobenzene	ug/L	< 1		120709	1	EPA8270
Isophorone	ug/L	< 1		120709	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		120709	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		120709	1	EPA8270
Naphthalene(sv)	ug/L	< 1		120709	1	EPA8270
4-Chloroaniline	ug/L	< 1		120709	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		120709	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		120709	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		120709	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		120709	1	EPA8270
2-Nitroaniline	ug/L	< 1		120709	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		120709	1	EPA8270
Acenaphthylene	ug/L	< 1		120709	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		120709	1	EPA8270
3-Nitroaniline	ug/L	< 1		120709	1	EPA8270
Acenaphthene	ug/L	< 1		120709	1	EPA8270
Dibenzofuran	ug/L	< 1		120709	1	EPA8270

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REMARKS:

nw 5/6/10

DIRECTOR

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TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		120709	1	EPA8270
Diethyl Phthalate	ug/L	< 1		120709	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		120709	1	EPA8270
Fluorene	ug/L	< 1		120709	1	EPA8270
4-Nitroaniline	ug/L	< 1		120709	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		120709	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		120709	1	EPA8270
Hexachlorobenzene	ug/L	< 1		120709	1	EPA8270
Phenanthrene	ug/L	< 1		120709	1	EPA8270
Anthracene	ug/L	< 1		120709	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.6 U	✓	120709	1	EPA8270
Fluoranthene	ug/L	< 1		120709	1	EPA8270
Pyrene	ug/L	< 1		120709	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		120709	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10 UJ	✓	120709	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		120709	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.96 ug/L in method blank.
@Estimated due to low internal standard, @29%. QC limit is 50%.

RWS
5/6/10

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.295011.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:0900
MATRIX:Water SAMPLE: MP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		120709	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	2.6 u	$	120709	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1 uJ	@	120709	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1	@	120709	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1	@	120709	1	EPA8270
Benzo(a)pyrene	ug/L	< 1	@	120709	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1 uJ	@	120709	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1 uJ	@	120709	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1 uJ	@	120709	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: $Detected 1.65 ug/L in method blank.
@Estimated due to low internal standard, @29%. QC limit is 50%.

nw
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Glen Cove, NY 11542

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SOURCE OF SAMPLE:
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TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		120709	1	EPA8270
2-Chlorophenol	ug/L	< 1		120709	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		120709	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		120709	1	EPA8270
2-Nitrophenol	ug/L	< 1		120709	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		120709	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		120709	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		120709	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		120709	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		120709	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		120709	10	EPA8270
4-Nitrophenol	ug/L	< 10		120709	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		120709	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		120709	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		120509	0.05	EPA608
Heptachlor	ug/L	< 0.05		120509	0.05	EPA608
Aldrin	ug/L	< 0.05		120509	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDE	ug/L	< 0.05	UJ	120509	0.05	EPA608
Dieldrin	ug/L	< 0.05		120509	0.05	EPA608
Endrin	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDD	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDT	ug/L	< 0.1		120509	0.1	EPA608
Chlordane	ug/L	< 0.2		120509	0.2	EPA608
Toxaphene	ug/L	< 1		120509	1	EPA608
Endrin Ketone	ug/L	< 0.1		120509	0.1	EPA608
a BHC	ug/L	< 0.05		120509	0.05	EPA608
b BHC	ug/L	< 0.05		120509	0.05	EPA608
d BHC	ug/L	< 0.05		120509	0.05	EPA608
Endosulfan I	ug/L	< 0.1		120509	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

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TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		120509	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		120509	0.3	EPA608
Methoxychlor	ug/L	< 0.1		120509	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		120509	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065	UJ *	120809	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *MS and MSD was below QC limit (50% vs 51%).

NW
5/6/10

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TIME COL'D:0900
MATRIX:Water SAMPLE: MP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		120709	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120709	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120709	0.005	EPA200.7
Barium as Ba	mg/L	1.0		120709	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120709	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120709	0.005	EPA200.7
Calcium as Ca	mg/L	100		120709	0.2	EPA200.7
Chromium as Cr	mg/L	0.013		120709	0.005	EPA200.7
Cobalt as Co	mg/L	0.01		120709	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120709	0.01	EPA200.7
Iron as Fe	mg/L	0.92		120709	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120709	0.005	EPA200.7
Magnesium as Mg	mg/L	140		120709	0.005	EPA200.7
Manganese as Mn	mg/L	0.34		120709	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120709	0.000	EPA245.2
Nickel as Ni	mg/L	0.01		120709	0.01	EPA200.7
Potassium as K	mg/L	92		120709	10	EPA200.7
Selenium as Se	mg/L	< 0.01		120709	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120709	0.005	EPA200.7
Sodium as Na	mg/L	350		120709	10	EPA200.7
Thallium as Tl	mg/L	< 0.005		120709	0.005	EPA200.7
Vanadium as V	mg/L	0.014		120709	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		120709	0.01	EPA200.7
Hardness as CaCO3	mg/L	820		120709	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295011.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:0900
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	110		120309	0.4	4500NH3C
Chloride as Cl	mg/L	340		120309	20	204500C1B
Nitrate as N	mg/L	< 0.5		120309	0.5	EPA353.2
Sulfate as SO4	mg/L	24		120209	10	AS D51602
Tot Dissolved Solids	mg/L	2200		120709	100	2540C
Tot. Kjeldahl N.	mg/L	110		120409	0.4	4500NORGB
Alkalinity tot CaCo3	mg/L	1700		120309	20	182320B
Phenols as Phenol	mg/L	< 0.001		120809	0.001	EPA420.1

cc:

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REMARKS:

nw
5/6/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295011.04 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120409	1	EPA8260
Bromomethane	ug/L	< 1		120409	1	EPA8260
Vinyl Chloride	ug/L	< 1		120409	1	EPA8260
Chloroethane	ug/L	< 1		120409	1	EPA8260
Methylene Chloride	ug/L	< 1		120409	1	EPA8260
Acetone	ug/L	< 10		120409	10	EPA8260
Carbon disulfide	ug/L	< 1		120409	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120409	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120409	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120409	2	EPA8260
Chloroform	ug/L	< 1		120409	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120409	1	EPA8260
2-Butanone	ug/L	< 10		120409	10	EPA8260
111 Trichloroethane	ug/L	< 1		120409	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120409	1	EPA8260
Bromodichloromethane	ug/L	< 1		120409	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120409	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120409	1	EPA8260
Trichloroethene	ug/L	< 1		120409	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120409	1	EPA8260
112 Trichloroethane	ug/L	< 1		120409	1	EPA8260
Benzene	ug/L	< 1		120409	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120409	1	EPA8260
Bromoform	ug/L	< 1		120409	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120409	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

DIRECTOR

rn = 28643 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295011.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145

MATRIX:Water SAMPLE: MP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120409	10	EPA8260
Tetrachloroethene	ug/L	< 1		120409	1	EPA8260
Toluene	ug/L	< 1		120409	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120409	1	EPA8260
Chlorobenzene	ug/L	< 1		120409	1	EPA8260
Ethyl Benzene	ug/L	< 1		120409	1	EPA8260
Styrene	ug/L	< 1		120409	1	EPA8260
o Xylene	ug/L	< 1		120409	1	EPA8260
m + p Xylene	ug/L	< 2		120409	2	EPA8260
Xylene	ug/L	< 3		120409	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1145
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1 UJ	*	120709	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1	*	120709	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1	*	120709	1	EPA8270
Carbazole	ug/L	< 1		120709	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1 UJ	*	120709	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1	*	120709	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1	*	120709	1	EPA8270
Hexachloroethane	ug/L	< 1	*	120709	1	EPA8270
Nitrobenzene	ug/L	< 1		120709	1	EPA8270
Isophorone	ug/L	< 1		120709	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		120709	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		120709	1	EPA8270
Naphthalene(sv)	ug/L	< 1		120709	1	EPA8270
4-Chloroaniline	ug/L	< 1		120709	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		120709	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		120709	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		120709	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		120709	1	EPA8270
2-Nitroaniline	ug/L	< 1		120709	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		120709	1	EPA8270
Acenaphthylene	ug/L	< 1		120709	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		120709	1	EPA8270
3-Nitroaniline	ug/L	< 1		120709	1	EPA8270
Acenaphthene	ug/L	< 1		120709	1	EPA8270
Dibenzofuran	ug/L	< 1		120709	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Estimated due to lwo internal standard, @48%. QC limit is 50%.

MW
5/6/10

DIRECTOR

rn # 28647 NYSDOH ID # 10320 Page 3 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295011.04 12/29/09

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Glen Cove, NY 11542

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SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		120709	1	EPA8270
Diethyl Phthalate	ug/L	< 1		120709	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		120709	1	EPA8270
Fluorene	ug/L	< 1		120709	1	EPA8270
4-Nitroaniline	ug/L	< 1		120709	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		120709	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		120709	1	EPA8270
Hexachlorobenzene	ug/L	< 1		120709	1	EPA8270
Phenanthrene	ug/L	< 1		120709	1	EPA8270
Anthracene	ug/L	< 1		120709	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.2 u	$	120709	1	EPA8270
Fluoranthene	ug/L	< 1		120709	1	EPA8270
Pyrene	ug/L	< 1 uJ	@	120709	1	EPA8270
BenzylButylPhthalate	ug/L	< 1	@	120709	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	120709	10	EPA8270
Benzo(a)anthracene	ug/L	< 1	@	120709	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @,#Estimated due to low internal standard, @49% & #46%. QC limit is 50%
$Detected 0.96 ug/L in method blank.

MW
5/6/10

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MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1 UJ	@	120709	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	2.3 UJ	@&	120709	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1	#	120709	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1	#	120709	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1	#	120709	1	EPA8270
Benzo(a)pyrene	ug/L	< 1	#	120709	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1	#	120709	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1	#	120709	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1	#	120709	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @,#Estimated due to low internal standard, @49% & #46%. QC limit is 50%
&Detected 1.65 ug/L in method blank.

MJ
5/6/10

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1 UJ	*	120709	1	EPA8270
2-Chlorophenol	ug/L	< 1	*	120709	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1	*	120709	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1	*	120709	1	EPA8270
2-Nitrophenol	ug/L	< 1		120709	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		120709	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		120709	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		120709	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		120709	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		120709	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10 UJ		120709	10	EPA8270
4-Nitrophenol	ug/L	< 10		120709	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10 UJ		120709	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		120709	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Estimated due to two internal standard, @48%. QC limit is 50%.

NEJ
5/6/10

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.295011.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		120509	0.05	EPA608
Heptachlor	ug/L	< 0.05		120509	0.05	EPA608
Aldrin	ug/L	< 0.05		120509	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDE	ug/L	< 0.05		120509	0.05	EPA608
Dieldrin	ug/L	< 0.05		120509	0.05	EPA608
Endrin	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDD	ug/L	< 0.05		120509	0.05	EPA608
p,p-DDT	ug/L	< 0.1		120509	0.1	EPA608
Chlordane	ug/L	< 0.2		120509	0.2	EPA608
Toxaphene	ug/L	< 1		120509	1	EPA608
Endrin Ketone	ug/L	< 0.1		120509	0.1	EPA608
a BHC	ug/L	< 0.05		120509	0.05	EPA608
b BHC	ug/L	< 0.05		120509	0.05	EPA608
d BHC	ug/L	< 0.05		120509	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		120509	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10 DIRECTOR

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LAB NO.295011.04 12/29/09

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145

MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		120509	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		120509	0.3	EPA608
Methoxychlor	ug/L	< 0.1		120509	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		120509	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120809	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120809	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

mw 5/6/10

DIRECTOR

cn = 28652 NYSDOH ID # 10320 Page 8 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145

MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.01 U		120709	0.01	EPA200.7
Antimony as Sb	mg/L	0.01		120709	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120709	0.005	EPA200.7
Barium as Ba	mg/L	0.15		120709	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120709	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120709	0.005	EPA200.7
Calcium as Ca	mg/L	240		120709	10	EPA200.7
Chromium as Cr	mg/L	< 0.005		120709	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120709	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120709	0.01	EPA200.7
Iron as Fe	mg/L	14		120709	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120709	0.005	EPA200.7
Magnesium as Mg	mg/L	530		120709	0.25	EPA200.7
Manganese as Mn	mg/L	0.57		120709	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120709	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		120709	0.01	EPA200.7
Potassium as K	mg/L	230		120709	50	EPA200.7
Selenium as Se	mg/L	< 0.01		120709	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120709	0.005	EPA200.7
Sodium as Na	mg/L	3800		120709	50	EPA200.7
Thallium as Tl	mg/L	< 0.005		120709	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		120709	0.005	EPA200.7
Zinc as Zn	mg/L	0.02		120709	0.01	EPA200.7
Hardness as CaCO3	mg/L	2800		120709	26	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

DIRECTOR

rn = 28653 NYSDOH ID # 10320 Page 9 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295011.04 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/02/09 RECEIVED:12/02/09
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	10		120309	0.4	4500NH3C
Chloride as Cl	mg/L	8300		120309	100	204500C1B
Nitrate as N	mg/L	< 0.5		120309	0.5	EPA353.2
Sulfate as SO4	mg/L	880		120209	250	AS D51602
Tot Dissolved Solids	mg/L	15000		120709	100	2540C
Tot. Kjeldahl N.	mg/L	12		120409	0.4	4500NORGB
Alkalinity tot CaCo3	mg/L	500		120309	20	182320B
Phenols as Phenol	mg/L	< 0.001		120809	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MJ
5/6/10

DIRECTOR

rn # 26401 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	7		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

DIRECTOR

rn = 28902 NYSDOH ID # 10320 Page 2 of 10

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.295060.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	UJ	121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.4 u	@	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.52 ug/L in method blank.

MW 5/6/10

DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.8 u	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

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REMARKS: #Detected 2.02 ug/L in method blank.

5/6/10

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SOURCE OF SAMPLE:
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TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		121109	1	EPA8270
2-Chlorophenol	ug/L	< 1		121109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		121109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		121109	1	EPA8270
2-Nitrophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		121109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		121109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		121109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		121109	10	EPA8270
4-Nitrophenol	ug/L	< 10		121109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		121109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		121109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW 1/6/10

DIRECTOR

rm = 28906 NYSDOH ID # 10320 Page 6 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
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TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

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.295060.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

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LAB NO.295060.01 12/29/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		120809	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120809	0.005	EPA200.7
Barium as Ba	mg/L	0.095		120809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120809	0.005	EPA200.7
Calcium as Ca	mg/L	140		120809	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		120809	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120809	0.01	EPA200.7
Iron as Fe	mg/L	28		120809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120809	0.005	EPA200.7
Magnesium as Mg	mg/L	22		120809	0.005	EPA200.7
Manganese as Mn	mg/L	0.54		120809	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		120809	0.01	EPA200.7
Potassium as K	mg/L	19		120809	5	EPA200.7
Selenium as Se	mg/L	< 0.01		120809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120809	0.005	EPA200.7
Sodium as Na	mg/L	550		120809	5	EPA200.7
Thallium as Tl	mg/L	< 0.005		120809	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		120809	0.005	EPA200.7
Zinc as Zn	mg/L	0.03		120809	0.01	EPA200.7
Hardness as CaCO3	mg/L	440		120809	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1600
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	7.2		120809	0.2	4500NH3C
Chloride as Cl	mg/L	1000		120709	100	204500C1B
Nitrate as N	mg/L	< 0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	150		120809	25	AS D51602
Tot Dissolved Solids	mg/L	2100		120709	100	2540C
Tot. Kjeldahl N.	mg/L	8.4		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	560		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

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REMARKS:

NS
5/6/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Analytical results relate to the samples as received by the laboratory

MW 5/6/10

4D

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	7		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

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REMARKS:

DIRECTOR

NW 5/6/10

4D

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LAB NO.295060.04 12/29/09

ST, Environmental Services, Incorporated
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ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	UJ	121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

CW 5/6/10

4D

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.295060.04 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.3 u	@	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.52 ug/L in method blank.

DIRECTOR

rn = 28434 NYSDOH ID # 10320 Page 4 of 10

Analytical results relate to the sample as received by the laboratory.

MW 5/6/10

4D

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.7 U	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.02 ug/L in method blank.

DIRECTOR

Reg = 28939 NYSDOH ID # 10320 Page 5 of 10

Page 100

Analytical results relate to the samples as received by the laboratory.

MW 5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.04 12/29/09

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100 Morris Avenue
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ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		121109	1	EPA8270
2-Chlorophenol	ug/L	< 1		121109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		121109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		121109	1	EPA8270
2-Nitrophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		121109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		121109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		121109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		121109	10	EPA8270
4-Nitrophenol	ug/L	< 10		121109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		121109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		121109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 28936 NYSDOH ID # 10320 Page 6 of 10

Analytical results relate to the samples as received by the laboratory.

5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR:

cn # 28937 NYSDOH ID # 10320 Page 7 of 10

Analytical results relate to the samples as received by the laboratory.

5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

CTL # 28938 NYSDOH ID # 10320 Page 8 of 10

Analytical results relate to the samples as received by the laboratory.

MW 5/6/10

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.295060.04 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		120809	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120809	0.005	EPA200.7
Barium as Ba	mg/L	0.1		120809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120809	0.005	EPA200.7
Calcium as Ca	mg/L	140		120809	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		120809	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120809	0.01	EPA200.7
Iron as Fe	mg/L	28		120809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120809	0.005	EPA200.7
Magnesium as Mg	mg/L	23		120809	0.005	EPA200.7
Manganese as Mn	mg/L	0.55		120809	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		120809	0.01	EPA200.7
Potassium as K	mg/L	20		120809	5	EPA200.7
Selenium as Se	mg/L	< 0.01		120809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120809	0.005	EPA200.7
Sodium as Na	mg/L	570		120809	5	EPA200.7
Thallium as Tl	mg/L	< 0.005		120809	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		120809	0.005	EPA200.7
Zinc as Zn	mg/L	0.03		120809	0.01	EPA200.7
Hardness as CaCO3	mg/L	440		120809	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

NW 5/6/15

Analytical results relate to the samples as received by the laboratory.

4D

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.04 12/29/09

SI, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	7.2		120809	0.2	4500NH3C
Chloride as Cl	mg/L	1000		120709	20	204500C1B
Nitrate as N	mg/L	< 0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	150		120809	25	AS D51602
Tot Dissolved Solids	mg/L	2100		120709	100	2540C
Tot. Kjeldahl N.	mg/L	8.6		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	640		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 28940 NYSDOH ID # 10320 Page 10 of 10

MW 5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NJ 5/16/10

DIRECTOR

cn = 28911 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	< 1		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	UJ	121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.1 u	@	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.52 ug/L in method blank.

NW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.5 U	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.02 ug/L in method blank.

NW
5/6/10

DIRECTOR

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ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		121109	1	EPA8270
2-Chlorophenol	ug/L	< 1		121109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		121109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		121109	1	EPA8270
2-Nitrophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		121109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		121109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		121109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		121109	10	EPA8270
4-Nitrophenol	ug/L	< 10		121109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		121109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		121109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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5/6/10

DIRECTOR

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LAB NO.295060.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

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REMARKS:

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SOURCE OF SAMPLE:
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TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/6/10

DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		120809	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120809	0.005	EPA200.7
Barium as Ba	mg/L	0.033		120809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120809	0.005	EPA200.7
Calcium as Ca	mg/L	45		120809	0.2	EPA200.7
Chromium as Cr	mg/L	0.006		120809	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120809	0.01	EPA200.7
Iron as Fe	mg/L	0.81		120809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120809	0.005	EPA200.7
Magnesium as Mg	mg/L	120		120809	0.005	EPA200.7
Manganese as Mn	mg/L	0.04		120809	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		120809	0.01	EPA200.7
Potassium as K	mg/L	87		120809	50	EPA200.7
Selenium as Se	mg/L	< 0.01		120809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120809	0.005	EPA200.7
Sodium as Na	mg/L	1100		120809	50	EPA200.7
Thallium as Tl	mg/L	< 0.005		120809	0.005	EPA200.7
Vanadium as V	mg/L	0.009		120809	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		120809	0.01	EPA200.7
Hardness as CaCO3	mg/L	600		120809	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
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DIRECTOR

rp = 28919 NYSDOH ID # 10320 Page 9 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1750
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	3.2		120809	0.2	4500NH3C
Chloride as Cl	mg/L	2100		120709	20	204500C1B
Nitrate as N	mg/L	< 0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	< 5		120809	5	AS D51602
Tot Dissolved Solids	mg/L	3300		120709	100	2540C
Tot. Kjeldahl N.	mg/L	4.2		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	1100		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.03 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/6/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.03 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	< 1		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

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REMARKS:

MW
5/6/10

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LAB NO.295060.03 12/29/09

ST. Environmental Services, Incorporated
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ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	UJ	121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

ND
5/6/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.03 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.7 u	✓	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

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REMARKS: @Detected 0.52 ug/L in method blank.

MW 5/6/10

DIRECTOR

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LAB NO.295060.03 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.3 u	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.02 ug/L in method blank.

MW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.03 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		121109	1	EPA8270
2-Chlorophenol	ug/L	< 1		121109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		121109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		121109	1	EPA8270
2-Nitrophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		121109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		121109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		121109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		121109	10	EPA8270
4-Nitrophenol	ug/L	< 10		121109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		121109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		121109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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LAB NO.295060.03 12/29/09

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Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

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REMARKS:

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LAB NO.295060.03 12/29/09

ST. Environmental Services, Incorporated
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Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

cc:

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REMARKS:

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SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		120809	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		120809	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		120809	0.025	EPA200.7
Barium as Ba	mg/L	0.13		120809	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		120809	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		120809	0.025	EPA200.7
Calcium as Ca	mg/L	290		120809	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		120809	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		120809	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		120809	0.05	EPA200.7
Iron as Fe	mg/L	13		120809	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		120809	0.025	EPA200.7
Magnesium as Mg	mg/L	620		120809	0.025	EPA200.7
Manganese as Mn	mg/L	0.39		120809	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		120809	0.05	EPA200.7
Potassium as K	mg/L	340		120809	200	EPA200.7
Selenium as Se	mg/L	< 0.05		120809	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		120809	0.025	EPA200.7
Sodium as Na	mg/L	13000		120809	200	EPA200.7
Thallium as Tl	mg/L	< 0.025		120809	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		120809	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		120809	0.05	EPA200.7
Hardness as CaCO3	mg/L	3300		120809	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/6/10

DIRECTOR

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LAB NO.295060.03 12/29/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1920
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	11		120809	0.2	4500NH3C
Chloride as Cl	mg/L	22000		120709	500	204500C1B
Nitrate as N	mg/L	< 0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	1200		120809	250	AS D51602
Tot Dissolved Solids	mg/L	28000		120709	100	2540C
Tot. Kjeldahl N.	mg/L	12		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	820		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

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REMARKS:

RW
5/6/10

DIRECTOR

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LAB NO.295060.05 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/6/10

DIRECTOR

rg = 28941 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
112ZTetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	22		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

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REMARKS:

NW
5/6/10 DIRECTOR

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LAB NO.295060.05 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10 UJ		121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	10		121109	1	EPA8270
Dibenzofuran	ug/L	4.5		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	2.6		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.5 u	@	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.52 ug/L in method blank.

NJ 5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	2.2 u	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.02 ug/L in method blank.

MW 5/6/10

DIRECTOR:

cp = 28945 NYSDOH ID # 10320 Page 5 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		121109	1	EPA8270
2-Chlorophenol	ug/L	< 1		121109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		121109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		121109	1	EPA8270
2-Nitrophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		121109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		121109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		121109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		121109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		121109	10	EPA8270
4-Nitrophenol	ug/L	< 10		121109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		121109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		121109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295060.05 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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DIRECTOR

rn = 28947 NYSDOH ID # 10320 Page 7 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: MP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/6/10

DIRECTOR

cn = 28948 NYSDOH ID # 10320 Page 8 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

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ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.04		120809	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120809	0.005	EPA200.7
Barium as Ba	mg/L	0.063		120809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120809	0.005	EPA200.7
Calcium as Ca	mg/L	160		120809	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		120809	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120809	0.01	EPA200.7
Iron as Fe	mg/L	13		120809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120809	0.005	EPA200.7
Magnesium as Mg	mg/L	53		120809	0.005	EPA200.7
Manganese as Mn	mg/L	0.32		120809	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	0.01		120809	0.01	EPA200.7
Potassium as K	mg/L	53		120809	5	EPA200.7
Selenium as Se	mg/L	< 0.01		120809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120809	0.005	EPA200.7
Sodium as Na	mg/L	410		120809	5	EPA200.7
Thallium as Tl	mg/L	< 0.005		120809	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		120809	0.005	EPA200.7
Zinc as Zn	mg/L	0.02		120809	0.01	EPA200.7
Hardness as CaCO3	mg/L	620		120809	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

cn = 28949 NYSDOH ID # 10320 Page 9 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295060.05 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/03/09 RECEIVED:12/04/09
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	38		120809	0.2	4500NH3C
Chloride as Cl	mg/L	970		120709	20	204500C1B
Nitrate as N	mg/L	1.6		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	43		120809	12.5	AS D51602
Tot Dissolved Solids	mg/L	2200		120709	100	2540C
Tot. Kjeldahl N.	mg/L	39		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	820		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/6/10

DIRECTOR

rn = 29350 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	UJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RW
5/6/10

DIRECTOR

cn = 28956 NYSDOH ID # 10320 Page 1 of 10

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.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	6		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

new
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

nwl
5/6/10

DIRECTOR

rm = 28958 NYSDOH ID # 10320 Page 3 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.5 u	@	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.47 ug/L in method blank.

NW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	2.2 u	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.07 ug/L in method blank.

MW 5/6/10

DIRECTOR

rn = 28960 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		211109	1	EPA8270
2-Chlorophenol	ug/L	< 1		211109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		211109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		211109	1	EPA8270
2-Nitrophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		211109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		211109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		211109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		211109	10	EPA8270
4-Nitrophenol	ug/L	< 10		211109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		211109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		211109	10	EPA8270

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LRL=Laboratory Reporting Limit

REMARKS:

5/6/10

DIRECTOR

rn = 28961 NYSDOH ID # 10320 Page 3 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

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LRL=Laboratory Reporting Limit

REMARKS:

dw 5/6/10

DIRECTOR

rn = 28962 NYSDOH ID # 10320 Page 7 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

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LRL=Laboratory Reporting Limit

REMARKS:

MW 5/11/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		120809	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120809	0.005	EPA200.7
Barium as Ba	mg/L	0.16		120809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120809	0.005	EPA200.7
Calcium as Ca	mg/L	200		120809	1	EPA200.7
Chromium as Cr	mg/L	< 0.005		120809	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120809	0.01	EPA200.7
Iron as Fe	mg/L	3.7		120809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120809	0.005	EPA200.7
Magnesium as Mg	mg/L	44		120809	0.005	EPA200.7
Manganese as Mn	mg/L	0.87		120809	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		120809	0.01	EPA200.7
Potassium as K	mg/L	21		120809	5	EPA200.7
Selenium as Se	mg/L	< 0.01		120809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120809	0.005	EPA200.7
Sodium as Na	mg/L	64		120809	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		120809	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		120809	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		120809	0.01	EPA200.7
Hardness as CaCO3	mg/L	680		120809	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

cp = 28964 NYSDOH ID # 10320 PAGE 9 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:0910
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	6.6		120809	0.2	4500NH3C
Chloride as Cl	mg/L	90		120709	10	204500C1B
Nitrate as N	mg/L	0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	68		120809	12.5	AS D51602
Tot Dissolved Solids	mg/L	910		120709	100	2540C
Tot. Kjeldahl N.	mg/L	7.6		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	840		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

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REMARKS:

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5/6/10

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295061.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105

MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1	MJ	120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

cn # 28966 NYSDOH ID # 10320 Page 1 of 10

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LAB NO.295061.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	4		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/6/10 DIRECTOR

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	U7	121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	2.3		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295061.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.9 u	@	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.47 ug/L in method blank.

kw
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	5.3 u	#	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.07 ug/L in method blank.

lw
5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		211109	1	EPA8270
2-Chlorophenol	ug/L	< 1		211109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		211109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		211109	1	EPA8270
2-Nitrophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		211109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		211109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		211109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		211109	10	EPA8270
4-Nitrophenol	ug/L	< 10		211109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		211109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		211109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MJ
5/6/10

DIRECTOR

CT # 28971 NYSDOH ID # 10320 Page 4 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295061.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295061.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		120909	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		120909	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/6/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295061.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.51		120809	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		120809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		120809	0.005	EPA200.7
Barium as Ba	mg/L	0.074		120809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		120809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		120809	0.005	EPA200.7
Calcium as Ca	mg/L	200		120809	1	EPA200.7
Chromium as Cr	mg/L	0.031		120809	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		120809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		120809	0.01	EPA200.7
Iron as Fe	mg/L	12		120809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		120809	0.005	EPA200.7
Magnesium as Mg	mg/L	29		120809	0.005	EPA200.7
Manganese as Mn	mg/L	0.55		120809	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	0.02		120809	0.01	EPA200.7
Potassium as K	mg/L	14		120809	5	EPA200.7
Selenium as Se	mg/L	< 0.01		120809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		120809	0.005	EPA200.7
Sodium as Na	mg/L	61		120809	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		120809	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		120809	0.005	EPA200.7
Zinc as Zn	mg/L	0.06		120809	0.01	EPA200.7
Hardness as CaCO3	mg/L	620		120809	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
SL6L0

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295061.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Barbara Stanton PO#:1452

SOURCE OF SAMPLE: Penmsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/04/09 RECEIVED:12/04/09
TIME COL'D:1105
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		120709	0.02	EPA335.4
Ammonia as N	mg/L	6.4		120809	0.2	4500NH3C
Chloride as Cl	mg/L	120		120709	10	204500C1B
Nitrate as N	mg/L	0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	290		120809	50	AS D51602
Tot Dissolved Solids	mg/L	900		120709	100	2540C
Tot. Kjeldahl N.	mg/L	7.4		120909	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	460		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 28975 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5610

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	< 1		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 29103 NYSDOH ID # 10320 Page 4 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295080.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	UJ	121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

LCD
5/6/10

DIRECTOR

rn = 29104 NYNOOW LD # 10320 Page: 3 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295080.01 12/29/09

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.5	u @	121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.47 ug/L in method blank.

MW
5/6/10 DIRECTOR

rn = 29107 NYSDOH ID # 10720 Page 1 of 10

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.295080.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.5 U	/	121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 2.07 ug/L in method blank.

MJ
5/6/10 DIRECTOR

cn = 29106 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.295080.01 12/29/09

ST. Environmental Services. Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: MP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		211109	1	EPA8270
2-Chlorophenol	ug/L	< 1		211109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		211109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		211109	1	EPA8270
2-Nitrophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		211109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		211109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		211109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		211109	10	EPA8270
4-Nitrophenol	ug/L	< 10		211109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		211109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		211109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

nd
5/6/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.01 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/6/10 DIRECTOR

rm = 29108 NYSDOH ID # 10320 Page 2 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.01 12/29/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		121009	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/8/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

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TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.08		121009	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		121009	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		121009	0.025	EPA200.7
Barium as Ba	mg/L	0.11		121009	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		121009	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		121009	0.025	EPA200.7
Calcium as Ca	mg/L	360		121009	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		121009	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		121009	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		121009	0.05	EPA200.7
Iron as Fe	mg/L	5.1		121009	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		121009	0.025	EPA200.7
Magnesium as Mg	mg/L	1000		121009	0.025	EPA200.7
Manganese as Mn	mg/L	1.7		121009	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		121009	0.05	EPA200.7
Potassium as K	mg/L	490		121009	50	EPA200.7
Selenium as Se	mg/L	< 0.05		121009	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		121009	0.025	EPA200.7
Sodium as Na	mg/L	7000		121009	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		121009	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		121009	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		121009	0.05	EPA200.7
Hardness as CaCO3	mg/L	5000		121009	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
S16/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.01 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1445
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		121409	0.02	EPA335.4
Ammonia as N	mg/L	5.2		121009	0.2	4500NH3C
Chloride as Cl	mg/L	18000		121009	500	204500C1B
Nitrate as N	mg/L	< 0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	1900		120809	500	AS D51602
Tot Dissolved Solids	mg/L	28000		121309	100	2540C
Tot. Kjeldahl N.	mg/L	5.4		121109	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	480		120809	20	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RW 5/6/10

DIRECTOR

cp = 29111 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120909	1	EPA8260
Bromomethane	ug/L	< 1		120909	1	EPA8260
Vinyl Chloride	ug/L	< 1		120909	1	EPA8260
Chloroethane	ug/L	< 1		120909	1	EPA8260
Methylene Chloride	ug/L	< 1		120909	1	EPA8260
Acetone	ug/L	< 10		120909	10	EPA8260
Carbon disulfide	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120909	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120909	2	EPA8260
Chloroform	ug/L	< 1		120909	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120909	1	EPA8260
2-Butanone	ug/L	< 10		120909	10	EPA8260
111 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120909	1	EPA8260
Bromodichloromethane	ug/L	< 1		120909	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120909	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Trichloroethene	ug/L	< 1		120909	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120909	1	EPA8260
112 Trichloroethane	ug/L	< 1		120909	1	EPA8260
Benzene	ug/L	< 1		120909	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120909	1	EPA8260
Bromoform	ug/L	< 1		120909	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120909	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Analytical results relate to the samples as received by the laboratory.

MW 5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120909	10	EPA8260
Tetrachloroethene	ug/L	< 1		120909	1	EPA8260
Toluene	ug/L	< 1		120909	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120909	1	EPA8260
Chlorobenzene	ug/L	< 1		120909	1	EPA8260
Ethyl Benzene	ug/L	< 1		120909	1	EPA8260
Styrene	ug/L	< 1		120909	1	EPA8260
o Xylene	ug/L	< 1		120909	1	EPA8260
m + p Xylene	ug/L	< 2		120909	2	EPA8260
Xylene	ug/L	< 3		120909	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Analytical results relate to the samples as received by the laboratory.

LW
5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		121109	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Carbazole	ug/L	< 1		121109	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		121109	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		121109	1	EPA8270
Hexachloroethane	ug/L	< 1		121109	1	EPA8270
Nitrobenzene	ug/L	< 1		121109	1	EPA8270
Isophorone	ug/L	< 1		121109	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		121109	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		121109	1	EPA8270
Naphthalene(sv)	ug/L	< 1		121109	1	EPA8270
4-Chloroaniline	ug/L	< 1		121109	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		121109	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		121109	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		121109	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		121109	1	EPA8270
2-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		121109	1	EPA8270
Acenaphthylene	ug/L	< 1		121109	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
3-Nitroaniline	ug/L	< 1		121109	1	EPA8270
Acenaphthene	ug/L	< 1		121109	1	EPA8270
Dibenzofuran	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 29114 KYRON ID # 10120 Page 1 of 10

Analytical results relate to the sample(s) as received.

5/6/10

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ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
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TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		121109	1	EPA8270
Diethyl Phthalate	ug/L	< 1		121109	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Fluorene	ug/L	< 1		121109	1	EPA8270
4-Nitroaniline	ug/L	< 1		121109	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		121109	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		121109	1	EPA8270
Hexachlorobenzene	ug/L	< 1		121109	1	EPA8270
Phenanthrene	ug/L	< 1		121109	1	EPA8270
Anthracene	ug/L	< 1		121109	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		121109	1	EPA8270
Fluoranthene	ug/L	< 1		121109	1	EPA8270
Pyrene	ug/L	< 1		121109	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		121109	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		121109	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Analytical results relate to the samples as received by the laboratory

5/16/10

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		121109	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		121109	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		121109	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		121109	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		121109	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		121109	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		121109	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		121109	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 2916 NYSDOH ID # 10320 Page 1 of 10

Analytical results relate to the samples as received by the laboratory.

5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.02 12/29/09

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		211109	1	EPA8270
2-Chlorophenol	ug/L	< 1		211109	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		211109	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		211109	1	EPA8270
2-Nitrophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		211109	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		211109	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		211109	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		211109	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		211109	10	EPA8270
4-Nitrophenol	ug/L	< 10		211109	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		211109	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		211109	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cm = 2411 NYSDOH ID # 10320 Page 6 of 10

5/6/10

Analytical results relate to the samples as received at the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor	ug/L	< 0.05		121009	0.05	EPA608
Aldrin	ug/L	< 0.05		121009	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDE	ug/L	< 0.05		121009	0.05	EPA608
Dieldrin	ug/L	< 0.05		121009	0.05	EPA608
Endrin	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDD	ug/L	< 0.05		121009	0.05	EPA608
p,p-DDT	ug/L	< 0.1		121009	0.1	EPA608
Chlordane	ug/L	< 0.2		121009	0.2	EPA608
Toxaphene	ug/L	< 1		121009	1	EPA608
Endrin Ketone	ug/L	< 0.1		121009	0.1	EPA608
a BHC	ug/L	< 0.05		121009	0.05	EPA608
b BHC	ug/L	< 0.05		121009	0.05	EPA608
d BHC	ug/L	< 0.05		121009	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		121009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn # 29118 NYSDOH ID # 10320 Page 7 of 10

Analytical results relate to the co...

LW 5/6/10

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		121009	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		121009	0.3	EPA608
Methoxychlor	ug/L	< 0.1		121009	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		121009	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		121009	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		121009	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

FM - 2911A SYSDOM ID # 10320 Page 8 of 10

dew 5/6/10

Analytical results relate to the

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.295080.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		121009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		121009	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		121009	0.005	EPA200.7
Barium as Ba	mg/L	< 0.005		121009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		121009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		121009	0.005	EPA200.7
Calcium as Ca	mg/L	< 0.2		121009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		121009	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		121009	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		121009	0.01	EPA200.7
Iron as Fe	mg/L	0.01		121009	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		121009	0.005	EPA200.7
Magnesium as Mg	mg/L	< 0.005		121009	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		121009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		120909	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		121009	0.01	EPA200.7
Potassium as K	mg/L	< 1		121009	1	EPA200.7
Selenium as Se	mg/L	< 0.01		121009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		121009	0.005	EPA200.7
Sodium as Na	mg/L	< 1		121009	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		121009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		121009	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		121009	0.01	EPA200.7
Hardness as CaCO3	mg/L	< 0.52		121009	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn # 29120 NYSDOH ID # 10320 Page 9 of 10

Analytical results relate to the

LW 5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.02 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:1330
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		121409	0.02	EPA335.4
Ammonia as N	mg/L	< 0.2		121009	0.2	4500NH3C
Chloride as Cl	mg/L	4		121009	2	204500C1B
Nitrate as N	mg/L	< 0.5		120809	0.5	EPA353.2
Sulfate as SO4	mg/L	< 5		120809	5	AS D51602
Tot Dissolved Solids	mg/L	64		121309	10	2540C
Tot. Kjeldahl N.	mg/L	< 0.2		121109	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	8		120809	2	182320B
Phenols as Phenol	mg/L	< 0.001		120909	0.001	EPA420.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Analytical results relate to the sample(s) received by the laboratory.

5/6/10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.295080.03 12/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		120809	1	EPA8260
Bromomethane	ug/L	< 1		120809	1	EPA8260
Vinyl Chloride	ug/L	< 1		120809	1	EPA8260
Chloroethane	ug/L	< 1		120809	1	EPA8260
Methylene Chloride	ug/L	< 1		120809	1	EPA8260
Acetone	ug/L	< 10		120809	10	EPA8260
Carbon disulfide	ug/L	< 1		120809	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		120809	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		120809	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		120809	2	EPA8260
Chloroform	ug/L	< 1		120809	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		120809	1	EPA8260
2-Butanone	ug/L	< 10		120809	10	EPA8260
111 Trichloroethane	ug/L	< 1		120809	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		120809	1	EPA8260
Bromodichloromethane	ug/L	< 1		120809	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		120809	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		120809	1	EPA8260
Trichloroethene	ug/L	< 1		120809	1	EPA8260
Chlorodibromomethane	ug/L	< 1		120809	1	EPA8260
112 Trichloroethane	ug/L	< 1		120809	1	EPA8260
Benzene	ug/L	< 1		120809	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		120809	1	EPA8260
Bromoform	ug/L	< 1		120809	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		120809	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

LW 5/6/10

Analytical results relate to the samples submitted 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.295080.03 12/29/09

GT, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:12/07/09 RECEIVED:12/07/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		120809	10	EPA8260
Tetrachloroethene	ug/L	< 1		120809	1	EPA8260
Toluene	ug/L	< 1		120809	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		120809	1	EPA8260
Chlorobenzene	ug/L	< 1		120809	1	EPA8260
Ethyl Benzene	ug/L	< 1		120809	1	EPA8260
Styrene	ug/L	< 1		120809	1	EPA8260
o Xylene	ug/L	< 1		120809	1	EPA8260
m + p Xylene	ug/L	< 2		120809	2	EPA8260
Xylene	ug/L	< 3		120809	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

cn = 29123 NYSDOH ID # 10320 Page 2 of 2

Analytical results relate to the

5/6/10

ATTACHMENT 2d

First Quarter 2010 Validated Ground Water-Monitoring Results

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
PENNSYLVANIA AVENUE LANDFILL, NEW YORK

Client: ST Environmental Services, Inc., Glen Cove, New York
SDG: 100701
Laboratory: EcoTest Laboratories, Inc., North Babylon, New York
Site: Pennsylvania Avenue Landfill, New York
Date: May 7, 2010

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HP-101-U	100701.01	Water
2	HP-101-S	100701.02	Water
3	HP-101-D	100701.03	Water
4	BLIND DUPLICATE	100701.04	Water
5	HP-104-A	100701.05	Water
6	HP-103-D	100701.06	Water
7	HP-603	100701.07	Water
8	FIELD BLANK	100701.08	Water
9*	TRIP BLANK	100701.09	Water
10	HP-407-U	100755.01	Water
11	HP-407-S	100755.02	Water
12	HP-318	100755.03	Water
13	HP-407-D	100755.04	Water
13MS**	HP-407-DMS	100755.04MS	Water
13MSD**	HP-407-DMSD	100755.04MSD	Water

* - VOC only ** - VOC, SVOC, Pest, PCB metals only

A Data Usability Summary Review was performed on the analytical data for eleven water samples, one aqueous field blank sample and one aqueous trip blank sample collected by Severn Trent Environmental Services at the Pennsylvania Avenue Landfill site in New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pest/PCB	USEPA Method 608
Metals	USEPA Method 200.7
Mercury	USEPA Method 245.2
Wet Chemistry	USEPA Methods - various

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There was rejection of data. This data cannot be used in the decision-making process for this project.

- Acetone was rejected in all samples due to a low ICAL RRF value.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- Five SVOC compounds were qualified as estimated in one sample due to low LCS recoveries.
- Bis(2-ethylhexyl)phthalate was qualified as nondetected in all samples due to method blank contamination.
- Aroclor-1260 was qualified as estimated in one sample due to low MS/MSD recoveries.
- Several metals compounds were qualified as estimated in two samples due to poor field duplicate precision.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable recoveries.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	HP-104-A ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
Chlorobenzene	2	3	40%	None

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable recoveries.

Method Blank

- The following table presents compounds detected in the method blanks. Concentrations of common laboratory contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
MB 02/24/10	bis(2-Ethylhexyl)phthalate	0.56	5.6	U	1, 2, 3, 4, 5, 6, 7
MB 02/25/10	bis(2-Ethylhexyl)phthalate	0.97	9.7	U	10, 11, 12, 13

Field Blank

- The field QC samples were free of contamination.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- No discrepancies were identified.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	HP-104-A ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Pest/PCBs				
Compound	HP-104-A ug/L	BLIND DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals/Wet Chemistry

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury, 180 days for all other metals and the recommended holding times for all wet chemistry analyses.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table presents compounds detected in the field QC samples. Concentrations of contaminants in associated samples less than ten (10) times the concentration in the associated method blank are considered to be attributable to lab contamination and have been negated and qualified (U). Results are valid and useable as non-detects.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FIELD BLANK	Calcium	0.44	4.4	None	All <10X or ND
	Magnesium	0.011	0.11		
	Zinc	0.010	0.10		
	Hardness	1.1	-	None	No Action for wet chemistry parameters
	Chloride	4	-	None	
	TDS	64	-	None	
	Alkalinity	6	-	None	

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

ICP Serial Dilution

- The ICP serial dilution sample exhibited acceptable %D values.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Metals				
Compound	HP-104-A mg/L	BLIND DUPLICATE mg/L	RPD	Qualifier
Aluminum	0.08	0.1	22%	None
Barium	0.18	0.22	20%	None
Calcium	230	180	24%	None
Iron	2.4	1.3	59%	J
Magnesium	350	48	152%	J
Manganese	0.82	0.48	52%	None
Potassium	160	15	166%	J
Sodium	2600	58	191%	J
Zinc	<0.05	0.23	NC	None
Hardness	2000	650	102%	J
Ammonia	2.8	3.0	7%	None
Chloride	56	54	4%	None
Sulfate	63	60	5%	None
TDS	890	910	2%	None
TKN	3.6	4.0	11%	None
Alkalinity	720	760	5%	None

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/10/10

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

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.100701.01 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 9/7/10

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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	5		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	< 1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS:

MW 5/7/10 DIRECTOR

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS:

NW 5/7/10

DIRECTOR

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

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SOURCE OF SAMPLE:
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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.3	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS: @Detected 0.56 ug/L in method blank.

NW 5/7/10

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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

cc:

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REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

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ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

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REMARKS:

NW
5/7/10

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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.088		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	130		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	28		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	22		030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.85		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	18		030110	5	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	510		030110	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	0.15		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	410		030110	2.6	EPA200.7

cc:

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REMARKS:

hw
5/7/10 DIRECTOR

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Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1010
MATRIX:Water SAMPLE: HP-101-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	7.2		022310	0.2	4500NH3C
Chloride as Cl	mg/L	900		022210	100	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	190		022310	100	AS D516-02
Tot Dissolved Solids	mg/L	2100		022310	10	2540C
Tot. Kjeldahl N.	mg/L	7.8		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	580		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

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REMARKS:

nw
5/7/10

DIRECTOR

rn = 4054 NYSDOH ID # 10320 Page 10 of 10

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.02 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

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REMARKS:

nw
5/7/10 DIRECTOR

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	< 1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS:

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.02 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.3 u	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS: @Detected 0.56 ug/L in method blank.

MW 5/7/10 DIRECTOR

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TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

cc:

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REMARKS:

NJ 5/7/10 DIRECTOR

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

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REMARKS:

MW 5/7/10

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.02 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130

MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

cc:

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REMARKS:

MW
5/7/10

DIRECTOR

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2

LAB NO.100701.02 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.035		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	44		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	0.84		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	120		030110	0.025	EPA200.7
Manganese as Mn	mg/L	< 0.05		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	82		030110	50	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	980		030110	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	580		030110	2.6	EPA200.7

cc:

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REMARKS:

nw
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2

LAB NO.100701.02 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-101-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	3.4		022310	0.2	4500NH3C
Chloride as Cl	mg/L	1600		022210	100	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	< 5		022310	5	AS D516-02
Tot Dissolved Solids	mg/L	3300		022310	10	2540C
Tot. Kjeldahl N.	mg/L	4.2		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	840		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

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REMARKS:

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LAB NO.100701.03 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1450
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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LAB NO.100701.03 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1450
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

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5/7/10 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.100701.03 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1450
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	< 1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

KW
5/7/10 DIRECTOR

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

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MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS:

cw
5/7/10

DIRECTOR

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COLLECTED BY: Client DATE COL'D:02/17/10 RECEIVED:02/18/10
TIME COL'D:1450
MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	2.5 U	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS: @Detected 0.56 ug/L in method blank.

nw
5/7/10 DIRECTOR

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

cc:

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MW 5/7/10 DIRECTOR

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MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

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REMARKS:

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5/19/10 DIRECTOR

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

cc:

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REMARKS:

NW
5/7/10

DIRECTOR

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.15		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	260		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	7.6		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	420		030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.28		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	310		030110	200	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	16000		030110	200	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	2400		030110	2.6	EPA200.7

cc:

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REMARKS:

MW
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MATRIX:Water SAMPLE: HP-101-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	18		022310	0.2	4500NH3C
Chloride as Cl	mg/L	30000		022210	500	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	1100		022310	250	AS D516-02
Tot Dissolved Solids	mg/L	42000		022510	100	2540C
Tot. Kjeldahl N.	mg/L	19		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	820		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

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LAB NO.100701.04 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

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2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	2		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

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REMARKS:

NW
5/11/10

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Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	< 1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

cc:

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REMARKS:

hw
5/7/10

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.100701.04 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: RECEIVED:02/18/10

MATRIX:Water SAMPLE: Blind Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.2 U	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

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REMARKS: @Detected 0.56 ug/L in method blank.

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

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Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

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Aluminum as Al	mg/L	0.1		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.22		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	180		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	1.3	J	030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	48	J	030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.48		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	15	J	030110	5	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	58	J	030110	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	0.23		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	650	J	030110	2.6	EPA200.7

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	3.0		022310	0.2	4500NH3C
Chloride as Cl	mg/L	54		022210	2	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	60		022310	25	AS D516-02
Tot Dissolved Solids	mg/L	910		022310	10	2540C
Tot. Kjeldahl N.	mg/L	4.0		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	760		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

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rn = 4084 NYSDOH ID # 10320

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SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
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COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1000
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

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TIME COL'D:1000
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	2		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

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Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	< 1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

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MATRIX:Water SAMPLE: HP-104-A

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2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

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MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.3 U	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.56 ug/L in method blank.

MS
5/7/10 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.100701.05 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1000
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW 5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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5

LAB NO.100701.05 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1000
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

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REMARKS:

NJ
5/7/10

DIRECTOR

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Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1000
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

cc:

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REMARKS:

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TIME COL'D:1000

MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.08		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.18		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	230		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	2.4	J	030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	350	J	030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.82		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	160	J	030110	50	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	2600	J	030110	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	2000	J	030110	2.6	EPA200.7

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.100701.05 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1000
MATRIX:Water SAMPLE: HP-104-A

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	2.8		022310	0.2	4500NH3C
Chloride as Cl	mg/L	56		022210	2	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	63		022310	25	AS D516-02
Tot Dissolved Solids	mg/L	890		022310	10	2540C
Tot. Kjeldahl N.	mg/L	3.6		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	720		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

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REMARKS:

mw 5/7/10

DIRECTOR

rn = 4094 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145

MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MD 5/7/10

DIRECTOR

rn = 4095 NYSDOH ID # 10320 Page 1 of 10

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.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

hw
5/7/10

DIRECTOR

rn = 4096 NYSDOH ID # 10320 Page 2 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145

MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	< 1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

nw
5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN(*

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LAB NO.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

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MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.9 u	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

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REMARKS: @Detected 0.56 ug/L in method blank.

NA 5/7/10

DIRECTOR

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MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1	022410	1	EPA8270
2-Chlorophenol	ug/L	< 1	022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1	022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1	022410	1	EPA8270
2-Nitrophenol	ug/L	< 1	022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1	022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1	022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1	022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1	022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1	022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10	022410	10	EPA8270
4-Nitrophenol	ug/L	< 10	022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10	022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10	022410	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
S1710

DIRECTOR

rn = 4100 NYSDOH ID # 10320 Page 6 of 10

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.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145

MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

KW 5/7/10

DIRECTOR

rn = 4102 NYSDOH ID # 10320 Page 8 of 10

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTIN(
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.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145
MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.26		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.11		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	350		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	5.7		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	1100		030110	0.025	EPA200.7
Manganese as Mn	mg/L	1.7		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	480		030110	200	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	8600		030110	200	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	5200		030110	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

6

LAB NO.100701.06 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1145

MATRIX:Water SAMPLE: HP-103-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	5.0		022310	0.2	4500NH3C
Chloride as Cl	mg/L	20000		022210	500	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	1900		022310	250	AS D516-02
Tot Dissolved Solids	mg/L	28000		022510	100	2540C
Tot. Kjeldahl N.	mg/L	5.8		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	300		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/7/10

DIRECTOR

rn = 4104 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248

MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/7/10 DIRECTOR

rn = 4105 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	3		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Carbazole	ug/L	< 1		022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022410	1	EPA8270
Hexachloroethane	ug/L	< 1		022410	1	EPA8270
Nitrobenzene	ug/L	< 1		022410	1	EPA8270
Isophorone	ug/L	< 1		022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022410	1	EPA8270
4-Chloroaniline	ug/L	< 1		022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022410	1	EPA8270
2-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022410	1	EPA8270
Acenaphthylene	ug/L	< 1		022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
3-Nitroaniline	ug/L	< 1		022410	1	EPA8270
Acenaphthene	ug/L	2.1		022410	1	EPA8270
Dibenzofuran	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RW 5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTIN
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.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10

DIRECTOR

rn = 4108 NYSDOH ID # 10320 Page 4 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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LAB NO.100701.07 03/10/10

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.3 U	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.56 ug/L in method blank.

MW 5/7/10 DIRECTOR

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TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN(*

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

rn = 4111 NYSDOH ID # 10320 Page 7 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

KW
5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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LAB NO.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248

MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05	030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025	030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025	030110	0.025	EPA200.7
Barium as Ba	mg/L	0.063	030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005	030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025	030110	0.025	EPA200.7
Calcium as Ca	mg/L	180	030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025	030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025	030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05	030110	0.05	EPA200.7
Iron as Fe	mg/L	9.2	030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025	030110	0.025	EPA200.7
Magnesium as Mg	mg/L	26	030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.45	030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025	022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.05	030110	0.05	EPA200.7
Potassium as K	mg/L	12	030110	5	EPA200.7
Selenium as Se	mg/L	< 0.05	030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025	030110	0.025	EPA200.7
Sodium as Na	mg/L	69	030110	5	EPA200.7
Thallium as Tl	mg/L	< 0.025	030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025	030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05	030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	570	030110	2.6	EPA200.7

cc:

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REMARKS:

NW 5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.07 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1248
MATRIX:Water SAMPLE: HP-603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	4.0		022310	0.2	4500NH3C
Chloride as Cl	mg/L	99		022210	2	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	300		022310	125	AS D516-02
Tot Dissolved Solids	mg/L	1100		022310	10	2540C
Tot. Kjeldahl N.	mg/L	4.6		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	380		021910	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

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REMARKS:

NW 5/7/10 DIRECTOR

rn = 4114 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.08 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

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REMARKS:

MW 5/7/10 DIRECTOR

rn = 4115 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.08 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

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REMARKS:

5/21/10 DIRECTOR

rn = 4116 NYSDOH ID # 10320 Page 2 of 10

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTIN
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.08 03/10/10

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100 Morris Avenue
Glen Cove, NY 11542
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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1	022410	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1	022410	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1	022410	1	EPA8270
Carbazole	ug/L	< 1	022410	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1	022410	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1	022410	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1	022410	1	EPA8270
Hexachloroethane	ug/L	< 1	022410	1	EPA8270
Nitrobenzene	ug/L	< 1	022410	1	EPA8270
Isophorone	ug/L	< 1	022410	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1	022410	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1	022410	1	EPA8270
Naphthalene(sv)	ug/L	< 1	022410	1	EPA8270
4-Chloroaniline	ug/L	< 1	022410	1	EPA8270
Hexachlorobutadiene	ug/L	< 1	022410	1	EPA8270
2-Methylnaphthalene	ug/L	< 1	022410	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10	022410	10	EPA8270
2-Chloronaphthalene	ug/L	< 1	022410	1	EPA8270
2-Nitroaniline	ug/L	< 1	022410	1	EPA8270
Dimethyl Phthalate	ug/L	< 1	022410	1	EPA8270
Acenaphthylene	ug/L	< 1	022410	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1	022410	1	EPA8270
3-Nitroaniline	ug/L	< 1	022410	1	EPA8270
Acenaphthene	ug/L	< 1	022410	1	EPA8270
Dibenzofuran	ug/L	< 1	022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

rp = 4117 NYSDOH ID # 10320 Page 3 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

8

LAB NO.100701.08 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022410	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022410	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Fluorene	ug/L	< 1		022410	1	EPA8270
4-Nitroaniline	ug/L	< 1		022410	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022410	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022410	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022410	1	EPA8270
Phenanthrene	ug/L	< 1		022410	1	EPA8270
Anthracene	ug/L	< 1		022410	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022410	1	EPA8270
Fluoranthene	ug/L	< 1		022410	1	EPA8270
Pyrene	ug/L	< 1		022410	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022410	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022410	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

dw
5/3/10

DIRECTOR

rn = 4118 NYSDOH ID # 10320 Page 4 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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LAB NO.100701.08 03/10/10

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022410	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1	@	022410	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022410	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022410	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022410	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022410	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022410	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022410	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.56 ug/L in method blank.

5/7/10

DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022410	1	EPA8270
2-Chlorophenol	ug/L	< 1		022410	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022410	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022410	1	EPA8270
2-Nitrophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022410	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022410	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022410	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022410	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022410	10	EPA8270
4-Nitrophenol	ug/L	< 10		022410	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022410	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022410	10	EPA8270

cc:

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REMARKS:

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ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTIN

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SOURCE OF SAMPLE:
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TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor	ug/L	< 0.05		022410	0.05	EPA608
Aldrin	ug/L	< 0.05		022410	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDE	ug/L	< 0.05		022410	0.05	EPA608
Dieldrin	ug/L	< 0.05		022410	0.05	EPA608
Endrin	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDD	ug/L	< 0.05		022410	0.05	EPA608
p,p-DDT	ug/L	< 0.1		022410	0.1	EPA608
Chlordane	ug/L	< 0.2		022410	0.2	EPA608
Toxaphene	ug/L	< 1		022410	1	EPA608
Endrin Ketone	ug/L	< 0.1		022410	0.1	EPA608
a BHC	ug/L	< 0.05		022410	0.05	EPA608
b BHC	ug/L	< 0.05		022410	0.05	EPA608
d BHC	ug/L	< 0.05		022410	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022410	0.1	EPA608

cc:

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REMARKS:

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TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022410	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022410	0.3	EPA608
Methoxychlor	ug/L	< 0.1		022410	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022410	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		022610	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		022610	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

hw 5/7/10 DIRECTOR

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TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		030110	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		030110	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		030110	0.005	EPA200.7
Barium as Ba	mg/L	< 0.005		030110	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		030110	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		030110	0.005	EPA200.7
Calcium as Ca	mg/L	0.44		030110	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		030110	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		030110	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		030110	0.01	EPA200.7
Iron as Fe	mg/L	< 0.01		030110	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		030110	0.005	EPA200.7
Magnesium as Mg	mg/L	0.011		030110	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		030110	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022310	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		030110	0.01	EPA200.7
Potassium as K	mg/L	< 1		030110	1	EPA200.7
Selenium as Se	mg/L	< 0.01		030110	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		030110	0.005	EPA200.7
Sodium as Na	mg/L	< 1		030110	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		030110	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		030110	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		030110	0.01	EPA200.7
Hardness as CaCO3	mg/L	1.1		030110	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

nw 5/7/10

DIRECTOR

rn = 4123 NYSDOH ID # 10320 Page 9 of 10

8

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTINC*

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.100701.08 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/18/10 RECEIVED:02/18/10
TIME COL'D:1345
MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		021910	0.02	EPA335.4
Ammonia as N	mg/L	< 0.2		022310	0.2	4500NH3C
Chloride as Cl	mg/L	5		022210	2	204500C1B
Nitrate as N	mg/L	< 0.5		022210	0.5	EPA353.2
Sulfate as SO4	mg/L	< 5		022310	5	AS D516-02
Tot Dissolved Solids	mg/L	17		022310	10	2540C
Tot. Kjeldahl N.	mg/L	< 0.2		022310	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	6		021910	2	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100701.09 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: RECEIVED:02/18/10

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

WW 5/7/10 DIRECTOR

rn = 4125 NYSDOH ID # 10320 Page 1 of 2

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.100701.09 03/10/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: RECEIVED:02/18/10

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NELAP
5/7/10

DIRECTOR _____

rn = 4126 NYSDOH ID # 10320 Page 2 of 2

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN*

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.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/7/10

DIRECTOR

rn = 4330 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTINC*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	4		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RW 5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100755.01 03/09/10

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022510	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Carbazole	ug/L	< 1		022510	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022510	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022510	1	EPA8270
Hexachloroethane	ug/L	< 1		022510	1	EPA8270
Nitrobenzene	ug/L	< 1		022510	1	EPA8270
Isophorone	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022510	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022510	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022510	1	EPA8270
4-Chloroaniline	ug/L	< 1		022510	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022510	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022510	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022510	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022510	1	EPA8270
2-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022510	1	EPA8270
Acenaphthylene	ug/L	< 1		022510	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
3-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Acenaphthene	ug/L	< 1		022510	1	EPA8270
Dibenzofuran	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022510	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Fluorene	ug/L	< 1		022510	1	EPA8270
4-Nitroaniline	ug/L	< 1		022510	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022510	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022510	1	EPA8270
Phenanthrene	ug/L	< 1		022510	1	EPA8270
Anthracene	ug/L	< 1		022510	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022510	1	EPA8270
Fluoranthene	ug/L	< 1		022510	1	EPA8270
Pyrene	ug/L	< 1		022510	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022510	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022510	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022510	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.7 U	@	022510	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022510	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022510	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022510	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022510	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.97 ug/L in method blank.

MW 5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022510	1	EPA8270
2-Chlorophenol	ug/L	< 1		022510	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022510	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022510	1	EPA8270
2-Nitrophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022510	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022510	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022510	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022510	10	EPA8270
4-Nitrophenol	ug/L	< 10		022510	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022510	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022510	10	EPA8270

cc:

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LAB NO.100755.01 03/09/10

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor	ug/L	< 0.05		030210	0.05	EPA608
Aldrin	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDE	ug/L	< 0.05		030210	0.05	EPA608
Dieldrin	ug/L	< 0.05		030210	0.05	EPA608
Endrin	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDD	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDT	ug/L	< 0.1		030210	0.1	EPA608
Chlordane	ug/L	< 0.2		030210	0.2	EPA608
Toxaphene	ug/L	< 1		030210	1	EPA608
Endrin Ketone	ug/L	< 0.1		030210	0.1	EPA608
a BHC	ug/L	< 0.05		030210	0.05	EPA608
b BHC	ug/L	< 0.05		030210	0.05	EPA608
d BHC	ug/L	< 0.05		030210	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		030210	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10

DIRECTOR

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ATTN: Tom Varley PO#:1452

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COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		030210	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		030210	0.3	EPA608
Methoxychlor	ug/L	< 0.1		030210	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		030210	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		030310	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW 5/7/10 DIRECTOR

rn = 4337 NYSDOH ID # 10320 Page 8 of 10

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.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230

MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.9		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	110		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	1.3		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	120		030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.43		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022510	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	61		030110	50	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	300		030110	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	770		030110	2.6	EPA200.7

cc:

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REMARKS:

KW
5/7/10 DIRECTOR

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LAB NO.100755.01 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1230
MATRIX:Water SAMPLE: HP-407-U

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		022610	0.02	EPA335.4
Ammonia as N	mg/L	91		022510	0.2	4500NH3C
Chloride as Cl	mg/L	330		030110	20	204500C1B
Nitrate as N	mg/L	< 0.5		022510	0.5	EPA353.2
Sulfate as SO4	mg/L	5		030110	5	AS D516-02
Tot Dissolved Solids	mg/L	1700		022510	100	2540C
Tot. Kjeldahl N.	mg/L	95		022610	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	1500		022510	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

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REMARKS:

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5/7/10

DIRECTOR

rn = 4339 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ATTN: Tom Varley PO#:1452

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SOURCE OF SAMPLE:
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TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

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REMARKS:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

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5/7/10

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TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022510	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Carbazole	ug/L	< 1		022510	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022510	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022510	1	EPA8270
Hexachloroethane	ug/L	< 1		022510	1	EPA8270
Nitrobenzene	ug/L	< 1		022510	1	EPA8270
Isophorone	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022510	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022510	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022510	1	EPA8270
4-Chloroaniline	ug/L	< 1		022510	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022510	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022510	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022510	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022510	1	EPA8270
2-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022510	1	EPA8270
Acenaphthylene	ug/L	< 1		022510	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
3-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Acenaphthene	ug/L	< 1		022510	1	EPA8270
Dibenzofuran	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.100755.02 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022510	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Fluorene	ug/L	< 1		022510	1	EPA8270
4-Nitroaniline	ug/L	< 1		022510	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022510	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022510	1	EPA8270
Phenanthrene	ug/L	< 1		022510	1	EPA8270
Anthracene	ug/L	< 1		022510	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022510	1	EPA8270
Fluoranthene	ug/L	< 1		022510	1	EPA8270
Pyrene	ug/L	< 1		022510	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022510	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022510	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022510	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.6 u	@	022510	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022510	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022510	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022510	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022510	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.97 ug/L in method blank.

kw
5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTIN(*

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SOURCE OF SAMPLE:
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TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022510	1	EPA8270
2-Chlorophenol	ug/L	< 1		022510	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022510	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022510	1	EPA8270
2-Nitrophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022510	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022510	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022510	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022510	10	EPA8270
4-Nitrophenol	ug/L	< 10		022510	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022510	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022510	10	EPA8270

cc:

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REMARKS:

hw
5/7/10

DIRECTOR

rp = 4345 NYSDOH ID # 10320 Page 6 of 10

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MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor	ug/L	< 0.05		030210	0.05	EPA608
Aldrin	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDE	ug/L	< 0.05		030210	0.05	EPA608
Dieldrin	ug/L	< 0.05		030210	0.05	EPA608
Endrin	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDD	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDT	ug/L	< 0.1		030210	0.1	EPA608
Chlordane	ug/L	< 0.2		030210	0.2	EPA608
Toxaphene	ug/L	< 1		030210	1	EPA608
Endrin Ketone	ug/L	< 0.1		030210	0.1	EPA608
a BHC	ug/L	< 0.05		030210	0.05	EPA608
b BHC	ug/L	< 0.05		030210	0.05	EPA608
d BHC	ug/L	< 0.05		030210	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		030210	0.1	EPA608

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TIME COL'D:1130
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Endosulfan 2	ug/L	< 0.1		030210	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		030210	0.3	EPA608
Methoxychlor	ug/L	< 0.1		030210	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		030210	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		030210	0.065	EPA608

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.15		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	230		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	14		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	530		030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.55		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022510	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	270		030110	50	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	3800		030110	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	2700		030110	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/7/10

DIRECTOR

rn = 4348 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.100755.02 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1130
MATRIX:Water SAMPLE: HP-407-S

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		022610	0.02	EPA335.4
Ammonia as N	mg/L	10		022510	0.2	4500NH3C
Chloride as Cl	mg/L	8900		030110	100	204500C1B
Nitrate as N	mg/L	1.4		022510	0.5	EPA353.2
Sulfate as SO4	mg/L	780		030110	250	AS D516-02
Tot Dissolved Solids	mg/L	14000		022510	100	2540C
Tot. Kjeldahl N.	mg/L	11		022610	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	600		022510	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

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REMARKS:

NW 5/7/10

DIRECTOR

rn = 4349 NYSDOH ID # 10320 Page 10 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100755.03 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10 R		022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

5/7/10 DIRECTOR

rn = 4350 NYSDOH ID # 10320 Page 1 of 10

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100755.03 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	3		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

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REMARKS:

5/7/10 DIRECTOR

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LAB NO.100755.03 03/09/10

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
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TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022510	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Carbazole	ug/L	< 1		022510	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022510	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022510	1	EPA8270
Hexachloroethane	ug/L	< 1		022510	1	EPA8270
Nitrobenzene	ug/L	< 1		022510	1	EPA8270
Isophorone	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022510	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022510	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022510	1	EPA8270
4-Chloroaniline	ug/L	< 1		022510	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022510	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022510	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022510	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022510	1	EPA8270
2-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022510	1	EPA8270
Acenaphthylene	ug/L	< 1		022510	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
3-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Acenaphthene	ug/L	1.2		022510	1	EPA8270
Dibenzofuran	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW
5/7/10

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.100755.03 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022510	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Fluorene	ug/L	< 1		022510	1	EPA8270
4-Nitroaniline	ug/L	< 1		022510	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022510	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022510	1	EPA8270
Phenanthrene	ug/L	< 1		022510	1	EPA8270
Anthracene	ug/L	< 1		022510	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022510	1	EPA8270
Fluoranthene	ug/L	< 1		022510	1	EPA8270
Pyrene	ug/L	< 1		022510	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022510	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022510	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

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ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022510	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.5 u	@	022510	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022510	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022510	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022510	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022510	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022510	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 0.97 ug/L in method blank.

MW 5/7/10 DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.100755.03 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022510	1	EPA8270
2-Chlorophenol	ug/L	< 1		022510	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022510	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022510	1	EPA8270
2-Nitrophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022510	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022510	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022510	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022510	10	EPA8270
4-Nitrophenol	ug/L	< 10		022510	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022510	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022510	10	EPA8270

cc:

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REMARKS:

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor	ug/L	< 0.05		030210	0.05	EPA608
Aldrin	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDE	ug/L	< 0.05		030210	0.05	EPA608
Dieldrin	ug/L	< 0.05		030210	0.05	EPA608
Endrin	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDD	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDT	ug/L	< 0.1		030210	0.1	EPA608
Chlordane	ug/L	< 0.2		030210	0.2	EPA608
Toxaphene	ug/L	< 1		030210	1	EPA608
Endrin Ketone	ug/L	< 0.1		030210	0.1	EPA608
a BHC	ug/L	< 0.05		030210	0.05	EPA608
b BHC	ug/L	< 0.05		030210	0.05	EPA608
d BHC	ug/L	< 0.05		030210	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		030210	0.1	EPA608

cc:

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REMARKS:

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Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		030210	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		030210	0.3	EPA608
Methoxychlor	ug/L	< 0.1		030210	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		030210	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		030210	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		030210	0.065	EPA608

cc:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	< 0.025		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	93		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	2.2		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	22		030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.17		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022510	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	9.1		030110	5	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	70		030110	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	320		030110	2.6	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW
5/7/10 DIRECTOR

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTINC*

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LAB NO.100755.03 03/09/10

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:1400
MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		022610	0.02	EPA335.4
Ammonia as N	mg/L	5.0		022510	0.2	4500NH3C
Chloride as Cl	mg/L	74		030110	2	204500C1B
Nitrate as N	mg/L	3.5		022510	0.5	EPA353.2
Sulfate as SO4	mg/L	170		030110	50	AS D516-02
Tot Dissolved Solids	mg/L	620		022510	10	2540C
Tot. Kjeldahl N.	mg/L	5.8		022610	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	220		022510	2	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

NW 5/7/10

DIRECTOR

rn = 4359 NYSDOH ID # 10320 Page 10 of 10

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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.100755.04 03/09/10

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		022510	1	EPA8260
Bromomethane	ug/L	< 1		022510	1	EPA8260
Vinyl Chloride	ug/L	< 1		022510	1	EPA8260
Chloroethane	ug/L	< 1		022510	1	EPA8260
Methylene Chloride	ug/L	< 1		022510	1	EPA8260
Acetone	ug/L	< 10	R	022510	10	EPA8260
Carbon disulfide	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		022510	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		022510	2	EPA8260
Chloroform	ug/L	< 1		022510	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		022510	1	EPA8260
2-Butanone	ug/L	< 10		022510	10	EPA8260
111 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		022510	1	EPA8260
Bromodichloromethane	ug/L	< 1		022510	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		022510	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Trichloroethene	ug/L	< 1		022510	1	EPA8260
Chlorodibromomethane	ug/L	< 1		022510	1	EPA8260
112 Trichloroethane	ug/L	< 1		022510	1	EPA8260
Benzene	ug/L	< 1		022510	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		022510	1	EPA8260
Bromoform	ug/L	< 1		022510	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		022510	10	EPA8260

cc:

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REMARKS:

NW
5/7/10 DIRECTOR

rn = 4360 NYSDOH ID # 10320 Page 1 of 10

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LAB NO.100755.04 03/09/10

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Glen Cove, NY 11542
ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		022510	10	EPA8260
Tetrachloroethene	ug/L	< 1		022510	1	EPA8260
Toluene	ug/L	< 1		022510	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		022510	1	EPA8260
Chlorobenzene	ug/L	< 1		022510	1	EPA8260
Ethyl Benzene	ug/L	< 1		022510	1	EPA8260
Styrene	ug/L	< 1		022510	1	EPA8260
o Xylene	ug/L	< 1		022510	1	EPA8260
m + p Xylene	ug/L	< 2		022510	2	EPA8260
Xylene	ug/L	< 3		022510	3	EPA8260

cc:

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REMARKS:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		022510	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Carbazole	ug/L	< 1		022510	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		022510	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		022510	1	EPA8270
Hexachloroethane	ug/L	< 1		022510	1	EPA8270
Nitrobenzene	ug/L	< 1		022510	1	EPA8270
Isophorone	ug/L	< 1		022510	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		022510	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		022510	1	EPA8270
Naphthalene(sv)	ug/L	< 1		022510	1	EPA8270
4-Chloroaniline	ug/L	< 1		022510	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		022510	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		022510	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		022510	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		022510	1	EPA8270
2-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		022510	1	EPA8270
Acenaphthylene	ug/L	< 1		022510	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
3-Nitroaniline	ug/L	< 1		022510	1	EPA8270
Acenaphthene	ug/L	< 1		022510	1	EPA8270
Dibenzofuran	ug/L	< 1		022510	1	EPA8270

cc:

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REMARKS:

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LAB NO.100755.04 03/09/10

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/22/10 RECEIVED:02/23/10
TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		022510	1	EPA8270
Diethyl Phthalate	ug/L	< 1		022510	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Fluorene	ug/L	< 1		022510	1	EPA8270
4-Nitroaniline	ug/L	< 1		022510	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		022510	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		022510	1	EPA8270
Hexachlorobenzene	ug/L	< 1		022510	1	EPA8270
Phenanthrene	ug/L	< 1		022510	1	EPA8270
Anthracene	ug/L	< 1		022510	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		022510	1	EPA8270
Fluoranthene	ug/L	< 1		022510	1	EPA8270
Pyrene	ug/L	< 1		022510	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		022510	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		022510	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		022510	1	EPA8270

cc:

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REMARKS:

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SOURCE OF SAMPLE:
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TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		022510	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1 u	@	022510	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		022510	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		022510	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		022510	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		022510	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		022510	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		022510	1	EPA8270

cc:

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REMARKS: @Detected 0.97 ug/L in method blank.

hw
5/7/10 DIRECTOR

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TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		022510	1	EPA8270
2-Chlorophenol	ug/L	< 1		022510	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		022510	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		022510	1	EPA8270
2-Nitrophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		022510	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		022510	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		022510	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		022510	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		022510	10	EPA8270
4-Nitrophenol	ug/L	< 10		022510	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		022510	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		022510	10	EPA8270

cc:

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SOURCE OF SAMPLE:
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TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor	ug/L	< 0.05		030210	0.05	EPA608
Aldrin	ug/L	< 0.05		030210	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDE	ug/L	< 0.05		030210	0.05	EPA608
Dieldrin	ug/L	< 0.05		030210	0.05	EPA608
Endrin	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDD	ug/L	< 0.05		030210	0.05	EPA608
p,p-DDT	ug/L	< 0.1		030210	0.1	EPA608
Chlordane	ug/L	< 0.2		030210	0.2	EPA608
Toxaphene	ug/L	< 1		030210	1	EPA608
Endrin Ketone	ug/L	< 0.1		030210	0.1	EPA608
a BHC	ug/L	< 0.05		030210	0.05	EPA608
b BHC	ug/L	< 0.05		030210	0.05	EPA608
d BHC	ug/L	< 0.05		030210	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		030210	0.1	EPA608

cc:

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MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		030210	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		030210	0.3	EPA608
Methoxychlor	ug/L	< 0.1		030210	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		030210	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		030310	0.065	EPA608
Aroclor 1260	ug/L	< 0.065	UJ *	030310	0.065	EPA608

cc:

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REMARKS: *MS/MSD was below QC limit (27%/35% vs limit 51%).

WD
5/7/10 DIRECTOR

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MATRIX:Water SAMPLE: HP-407-D

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Aluminum as Al	mg/L	< 0.05		030110	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		030110	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		030110	0.025	EPA200.7
Barium as Ba	mg/L	0.057		030110	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.001		030110	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		030110	0.025	EPA200.7
Calcium as Ca	mg/L	260		030110	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		030110	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		030110	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		030110	0.05	EPA200.7
Iron as Fe	mg/L	27		030110	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		030110	0.025	EPA200.7
Magnesium as Mg	mg/L	640		030110	0.025	EPA200.7
Manganese as Mn	mg/L	0.95		030110	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022510	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		030110	0.05	EPA200.7
Potassium as K	mg/L	320		030110	50	EPA200.7
Selenium as Se	mg/L	< 0.05		030110	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		030110	0.025	EPA200.7
Sodium as Na	mg/L	4500		030110	50	EPA200.7
Thallium as Tl	mg/L	< 0.025		030110	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		030110	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		030110	0.05	EPA200.7
Hardness as CaCO3	mg/L	3300		030110	2.6	EPA200.7

cc:

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TIME COL'D:0945
MATRIX:Water SAMPLE: HP-407-D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		022610	0.02	EPA335.4
Ammonia as N	mg/L	2.2		022510	0.2	4500NH3C
Chloride as Cl	mg/L	10000		030110	100	204500C1B
Nitrate as N	mg/L	< 0.5		022510	0.5	EPA353.2
Sulfate as SO4	mg/L	1200		030110	250	AS D516-02
Tot Dissolved Solids	mg/L	17000		022510	100	2540C
Tot. Kjeldahl N.	mg/L	2.6		022610	0.2	4500NORGB
Alkalinity tot CaCo3	mg/L	380		022510	20	182320B
Phenols as Phenol	mg/L	< 0.001		022510	0.001	EPA425.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

MW 5/7/10

DIRECTOR

rn = 4369 NYSDOH ID # 10320 Page 10 of 10

ATTACHMENT 3

Perimeter Gas Monitoring Results

PENNSYLVANIA AVENUE LANDFILL
PERIMETER GAS MONITORING FIELD LOG

DATE: 14 April 2009	**TECHNICIAN: MOG**	**WEATHER: Cloudy** **Relative Humidity 70%** **Falling barometer** **At around 2:00 PM it started to drizzle and you could feel moisture in the air.**
AMBIENT TEMP. (°F) 47	**WIND DIRECTION East**	**WIND SPEED (MPH) 13**

Well ID	Well Depth (ft)	Well Vol. (liters)	Purge Vol. (liters)	Purge Flow (LPM)	Purge Time (min.)	Purge Start Time	Sample Start Time	% Methane	% Carbon Dioxide	% Oxygen	Comments
PAL GMW-01	12	7.4	14.8	2.25	6:35	13:44	13:51	0	1.2	20.4	
PAL GMW-02	10	6.2	12.4	2.25	5:31	13:57	14:03	0	1.4	20.5	
PAL GMW-03	11	6.8	13.6	2.20	6:11	14:09	14:15	0	3.0	18.8	
PAL GMW-04	10	6.2	12.4	2.15	5:46	14:20	14:26	0.7	5.3	0.1	
PAL GMW-05	12	7.4	14.8	2.20	6:44	14:31	14:38	0	2.9	19.3	

PENNSYLVANIA AVENUE LANDFILL
PERIMETER GAS MONITORING FIELD LOG

DATE: 18 September 2009	**TECHNICIAN: MOG**	**WEATHER: Cloudy** **Humidity: 72%** **Barometric Pressure: 30.09" (Falling)**
AMBIENT TEMP. (°F) 61	**WIND DIRECTION: WSW**	**WIND SPEED (MPH): 10**

Well ID	Well Depth (ft)	Well Vol. (liters)	Purge Vol. (liters)	Purge Flow (LPM)	Purge Time (min.)	Purge Start Time	Sample Start Time	% Methane	% Carbon Dioxide	% Oxygen	Comments
PAL GMW-01	12	7.4	14.8	2.25	7	7:32	7:40	0.0	4.2	18.8	
PAL GMW-02	10	6.2	12.4	2.25	6	7:44	7:50	0.0	4.1	19.0	(1)
PAL GMW-03	11	6.8	13.6	2.25	7	7:57	8:05	0.0	7.1	14.7	Yellow jacket nest
PAL GMW-04	10	6.2	12.4	2.25	6	8:19	8:25	3.0	6.8	0.1	(1)
PAL GMW-05	12	7.4	14.8	2.25	8	8:34	8:45	0.0	5.2	18.5	(1)

(1) Vegetation must be cut/removed to provide access – safety issue. Well locations should be marked on the top of the fence for visibility.

PENNSYLVANIA AVENUE LANDFILL
PERIMETER GAS MONITORING FIELD LOG

DATE: 28 December 2009	**TECHNICIAN: MOG**	**WEATHER:** Mostly Cloudy, Barometric Pressure: 26.96" (Falling)
AMBIENT TEMP. (°F) 61	**WIND DIRECTION: WSW**	**WIND SPEED (MPH): 10**

Well ID	Well Depth (ft)	Well Vol. (liters)	Purge Vol. (liters)	Purge Flow (LPM)	Purge Time (min.)	Purge Start Time	Sample Start Time	% Methane	% Carbon Dioxide	% Oxygen	Comments
PAL GMW-01	12	7.4	14.8	2.25	7:03	8:48	8:55	0.0	1.0	19.8	
PAL GMW-02	10	6.2	12.4	2.25	6:15	9:00	9:07	0.0	0.8	20.2	
PAL GMW-03	11	6.8	13.6	2.25	6:55	9:13	9:20	0.0	1.8	18.2	
PAL GMW-04	10	6.2	12.4	2.25	6:01	9:29	9:35	4.8	3.4	0.3	Increase vacuum on EW-6.
PAL GMW-05	12	7.4	14.8	2.25	6:15	9:40	9:47	0.0	1.6	18.5	

Opened Extraction Well No. 6 another 1.5 turns to increase the vacuum and draw gas away from GMW-04. Will retake readings.

PENNSYLVANIA AVENUE LANDFILL
PERIMETER GAS MONITORING FIELD LOG

DATE: 31 December 2009	**TECHNICIAN: MOG**	**WEATHER:** Scattered Clouds, Light Snow Mist, Barometric Pressure: 30.19" (Falling)
AMBIENT TEMP. (°F) 32	**WIND DIRECTION: W**	**WIND SPEED (MPH): 8**

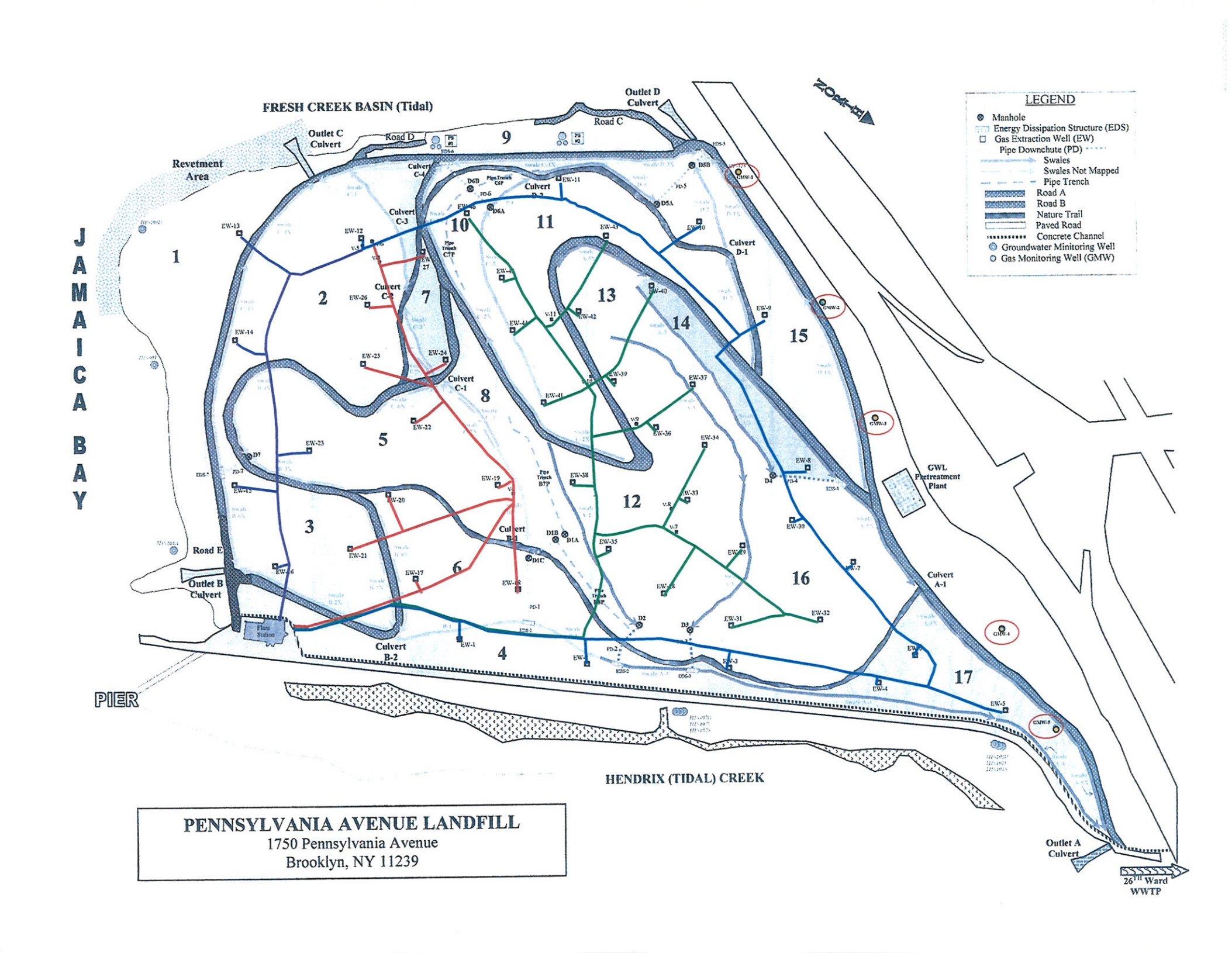
Well ID	Well Depth (ft)	Well Vol. (liters)	Purge Vol. (liters)	Purge Flow (LPM)	Purge Time (min.)	Purge Start Time	Sample Start Time	% Methane	% Carbon Dioxide	% Oxygen	Comments
PAL GMW-04	10	6.2	12.4	2.25	6:30	11:30	11:40	1.7	5.0	0.0	

Readings after increasing the vacuum in EW-06.

PENNSYLVANIA AVENUE LANDFILL
PERIMETER GAS MONITORING FIELD LOG

DATE: Sunday, March 14, 2010	**TECHNICIAN: MOG**	**WEATHER:** Cloudy , windy with periods of rain Barometric Pressure: 29.54" (Steady, after falling)
AMBIENT TEMP. (°F) 48	**WIND DIRECTION: NE**	**WIND SPEED (MPH): 16**

Well ID	Well Depth (ft)	Well Vol. (liters)	Purge Vol. (liters)	Purge Flow (LPM)	Purge Time (min.)	Purge Start Time	Sample Start Time	% Methane	% Carbon Dioxide	% Oxygen	Comments
PAL GMW-01	12	7.4	14.8	2.5	6:35	11:06	11:13	0.0	3.8	20.0	Drizzling
PAL GMW-02	10	6.2	12.4	2.25	6	11:22	11:28	0.0	3.6	20.0	Drizzling
PAL GMW-03	11	6.8	13.6	2.25	6	11:35	11:41	0.0	3.5	19.8	Raining. Yellow jackets in well.
PAL GMW-04	10	6.2	12.4	2.25	6	11:50	11:56	1.4	6.3	0.8	Light rain
PAL GMW-05	12	7.4	14.8	2.25	6:45	12:05	12:12	0.0	4.9	19.0	Light rain



PENNSYLVANIA AVENUE LANDFILL

1750 Pennsylvania Avenue
Brooklyn, NY 11239

ATTACHMENT 4a

RI Summary Tables

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	PH-1	P-BPS	P-PBD	P-BPU	HP-101U
Sample ID	PH1	BPS	BPD	BPU	P101U
Date Collected	09/09/93	09/23/93	09/23/93	09/24/93	08/03/93
Sample Type	Hydrantwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride	R				
Acetone	R				R
Carbon Disulfide					
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform	62	12	24		
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane	4 J				
Trichloroethene					
Benzene					2 J
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene					
Chlorobenzene					27
Ethylbenzene					
Styrene					
Xylene (total)					

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-101S	HP-101D	HP-102U	HP-102S	HP-102D
Sample ID	P101S	P101D	P102UA	P102S	P102D
Date Collected	08/03/93	08/03/93	08/19/93	08/19/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride			R		R
Acetone			100	R	R
Carbon Disulfide			5 J		
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform					
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene			67		
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene			54		0.8 J
Chlorobenzene			120		
Ethylbenzene			86		
Styrene					R
Xylene (total)			120	3 J	1 J

Only detected results reported.

All results reported in µg/l.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-103U	HP-103S	HP-103D	HP-104A	HP-105A
Sample ID	P103U	P103S	P103D	P104A	P105A
Date Collected	08/08/93	08/08/93	08/08/93	08/07/93	08/07/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride					
Acetone	R		12 B	6 J	6 J
Carbon Disulfide					
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform					
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene	4 J	5 J	4 J	2 J	11
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene					
Chlorobenzene	15		16	30	38
Ethylbenzene				0.8 J	
Styrene					
Xylene (total)				6 J	

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-106	HP-107	HP-201U	HP-201S	HP-203S
Sample ID	P106	P107A	P201U	P201S	P203S
Date Collected	08/09/93	08/10/93	08/17/93	08/16/93	08/05/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride	R	R			
Acetone	R	R			R
Carbon Disulfide				1 J	
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform					
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene	16 J				
Benzene	1200	21	1400	57	
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene	9 J		R	R	
Chlorobenzene	1100	33	890	34	
Ethylbenzene	18 J		540	2 J	
Styrene					
Xylene (total)	14 J	2 J	280	1 J	

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-203U	HP-204S	HP-301	HP-302	HP-303
Sample ID	P203U	P204	P301	P302A	P303
Date Collected	08/05/93	08/10/93	08/25/93	08/11/93	08/11/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride		R	15 J	R	
Acetone	5 J	8 J	R	190	97 J
Carbon Disulfide					
1,1-Dichloroethane			56 J		
1,2-Dichloroethene (total)			30 J		
Chloroform		13	10 J		24 J
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene		1 J	1200	94 J	100 J
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene		1 J	950	6 J	
Chlorobenzene			400	260	230
Ethylbenzene					
Styrene					
Xylene (total)			570		

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-304	HP-306	HP-307A	HP-308A	HP-309
Sample ID	P304	P306	P307A	P308A	P309
Date Collected	08/11/93	08/09/93	08/09/93	08/18/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride		R		R	
Acetone	14 B	R	R	330	
Carbon Disulfide		0.3 J			
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform					
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene		19	21	270	38
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene		0.6 J			
Chlorobenzene	31	11	58	60	38
Ethylbenzene				1 J	3 J
Styrene					
Xylene (total)		0.8 J	0.8 J		5 J

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Less than quantitation limit but ≥ instrument detection limit.
R - Compound rejected due to contamination in associated method blank.
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-310	HP-312	HP-313	HP-314	HP-316A
Sample ID	P310A	P312	P313	P314	P316
Date Collected	08/18/93	08/19/93	08/10/93	08/10/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride	R	R	R	R	R
Acetone	62			R	R
Carbon Disulfide			4 J		
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform					13
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene	480	750	7 J	4 J	2 J
4-Methyl-2-Pentanone	50				
Tetrachloroethene					
Toluene		14 J			0.8 J
Chlorobenzene	370	370	39	8 J	
Ethylbenzene	52	580			
Styrene					
Xylene (total)	18 J	780		0.9 J	0.8 J

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-317A	HP-318	HP-319	HP-320A	HP-401S
Sample ID	P317A	P318	P319	P320A	P401S
Date Collected	08/11/93	08/11/93	08/12/93	08/19/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride				130 J	
Methylene Chloride				R	
Acetone	R		R	R	
Carbon Disulfide					
1,1-Dichloroethane			7 J	380 J	
1,2-Dichloroethene (total)				1700	
Chloroform					14
2-Butanone					
1,1,1-Trichloroethane				240 J	
Bromodichloromethane					
Trichloroethene				260 J	
Benzene	33		73 J	1100	
4-Methyl-2-Pentanone					
Tetrachloroethene				130 J	
Toluene			1300 B	17000	
Chlorobenzene	110	85	440	370 J	
Ethylbenzene	0.7 J		720	2500	
Styrene					
Xylene (total)	R	R	3000	16000	

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-401U	HP-401D	HP-402	HP-404	HP-406U
Sample ID	P401U	P401D	P402	P404	P406U
Date Collected	08/25/93	08/26/93	08/18/93	08/19/93	08/06/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride	R		R	R	
Acetone					33
Carbon Disulfide			4 J	1 J	
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform		28			
2-Butanone	5 J				2 J
1,1,1-Trichloroethane					
Bromodichloromethane		3 J			
Trichloroethene					
Benzene			72	110	25
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene	0.5 J		3 J		
Chlorobenzene	31		160	350	42
Ethylbenzene			220	5 J	
Styrene					
Xylene (total)			2 J	3 J	

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-406S	HP-406D	HP-407U	HP-407S	HP-407D
Sample ID	P406S	P406D	P407U	P407S	P407D
Date Collected	08/06/93	08/06/93	08/04/93	08/04/93	08/03/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride	0.8 J				
Acetone	23		R	R	
Carbon Disulfide					
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform	24	34		23	30
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane		3 J			3 J
Trichloroethene					
Benzene			21		
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene					
Chlorobenzene			21		
Ethylbenzene					
Styrene					
Xylene (total)			0.6 J		

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Less than quantitation limit but ≥ instrument detection limit.
R - Compound rejected due to contamination in associated method blank.
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P409U	P409S	P409D	P501U	P501S
Date Collected	09/02/93	09/02/93	09/02/93	08/27/93	08/26/93
Sample Type	09/03/93	09/03/93	09/03/93	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride				R	
Acetone	14			R	
Carbon Disulfide					
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform		22	29		6 J
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane			3 J		
Trichloroethene					
Benzene	4 J			70	
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene	1 J				
Chlorobenzene	34			420	
Ethylbenzene					
Styrene					
Xylene (total)	0.8 J				

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

▒▒▒▒ - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-501D	HP-502A	HP-503U	HP-503S	HP-503D
Sample ID	P501D	P502	P503U	P503S	P503D
Date Collected	08/26/93	08/18/93	08/27/93	08/27/93	08/27/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride		R	R		
Acetone	20	15	R		
Carbon Disulfide					
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform	7 J		69 J	4 J	25
2-Butanone	5 J				
1,1,1-Trichloroethane					
Bromodichloromethane					3 J
Trichloroethene					
Benzene		15	790		
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene		1 J			
Chlorobenzene		21	500		
Ethylbenzene		2 J			
Styrene					
Xylene (total)		3 J			

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-602U	HP-603U	HP-604U	HP-PHPS	HP-OW-1A
Sample ID	P602U	P603U	P604U	PHP5	POW1A
Date Collected	08/17/93	08/07/93	08/05/93	08/19/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride	R			R	
Acetone	R	4 J	R	21	130 B
Carbon Disulfide					
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform					
2-Butanone	5 J				
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene	8	2 J	34	4 J	
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene			R	2 J	
Chlorobenzene		48	220	15	8 J
Ethylbenzene	2 J			2 J	
Styrene					
Xylene (total)	9 J			3 J	2 J

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-OW-2A	HP-OW-3A	HP-OW-4A	HP-OW-5A	HP-OW-6A
Sample ID	POW2A	POW3A	POW4A	POW5A	POW6A
Date Collected	08/12/93	08/12/93	08/12/93	08/12/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Vinyl Chloride					
Methylene Chloride		R			R
Acetone		R			R
Carbon Disulfide					
1,1-Dichloroethane		39 J			
1,2-Dichloroethene (total)					
Chloroform					
2-Butanone					
1,1,1-Trichloroethane					
Bromodichloromethane					
Trichloroethene					
Benzene	78	190	140		7 J
4-Methyl-2-Pentanone					
Tetrachloroethene					
Toluene	3 J	1700 B	58 B		
Chlorobenzene	42	380	580		24
Ethylbenzene	24	240	84	1 J	
Styrene					
Xylene (total)	8 J	1400	82	6 J	

Only detected results reported.

All results reported in $\mu g/l$.

J - Indicates the result is < sample quantitation limit but > 0.

B - Less than quantitation limit but ≥ instrument detection limit.

R - Compound rejected due to contamination in associated method blank.

- SCG listed in Table 4-1 is exceeded.

35331/COMBVL-A/DP
29-Apr-94

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	PHI	P-BPS	P-BPD	P-BPU	HP-101U
Sample ID	PH1	BPS	BPD	BPU	P101U
Date Collected	09/09/93	09/23/93	09/23/93	09/24/93	08/03/93
Sample Type	Hydrantwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					0.2 J
1,4-Dichlorobenzene					4 J
1,2-Dichlorobenzene					0.7 J
2,2'-oxybis(1-Chloropropane)					
4-Methylphenol					
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene					0.1 J
4-Chloro-3-methylphenol					
2-Methylnaphthalene					0.6 J
2-Chloronaphthalene					
Dimethylphthalate					
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
▒▒▒▒▒▒▒▒ - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	PHI	P-BPS	P-BPD	P-BPU	HP-101U
Sample ID	PH1	BPS	BPD	BPU	P101U
Date Collected	09/09/93	09/23/93	09/23/93	09/24/93	08/03/93
Sample Type	Hydrantwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene					0.6 J
Dibenzofuran					
2,4-Dinitrotoluene					
Diethylphthalate	R	R	R	R	0.6 J
Fluorene					0.3 J
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine					
Phenanthrene					
Anthracene					
Carbazole					
Di-n-butylphthalate	R	R	R	R	R
Fluoranthene				0.2 J	
Pyrene					
Butylbenzylphthalate		0.3 J	0.4 J		
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	15 B	24 B	R
Di-n-octylphthalate			0.4 J		0.1 J
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-101S	HP-101D	HP-102U	HP-102S	HP-102S
Sample ID	P101S	P101D	P102UA	P102S	P102SRE
Date Collected	08/03/93	08/03/93	08/19/93	08/19/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene				8 J	
1,2-Dichlorobenzene					
2,2'-oxybis(1-Chloropropane)					
4-Methylphenol					
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene			75 J	44	72 J
4-Chloro-3-methylphenol					
2-Methylnaphthalene			36 J	13	
2-Chloronaphthalene					
Dimethylphthalate					
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-101S	HP-101D	HP-102U	HP-102S	HP-102S
Sample ID	P101S	P101D	P102UA	P102S	P102SRE
Date Collected	08/03/93	08/03/93	08/19/93	08/19/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene			40 J	18	42 J
Dibenzofuran				4 J	
2,4-Dinitrotoluene					
Diethylphthalate	0.3 J	0.3 J			
Fluorene					
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine					
Phenanthrene					
Anthracene				5 J	
Carbazole					
Di-n-butylphthalate	R	R			
Fluoranthene					
Pyrene					
Butylbenzylphthalate	0.1 J				
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R		25 B	
Di-n-octylphthalate	0.1 J	0.1 J			
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in μg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-102D	HP-103U	HP-103S	HP-103D	HP-104A
Sample ID	P102D	P103U	P103S	P103D	P104A
Date Collected	08/19/93	08/08/93	08/08/93	08/08/93	08/07/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene		5 J		3 J	5 J
1,2-Dichlorobenzene					
2,2'-oxybis(1-Chloropropane)					
4-Methylphenol					
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene		0.6 J		1 J	1 J
4-Chloro-3-methylphenol					
2-Methylnaphthalene		1.0 J			2 J
2-Chloronaphthalene					
Dimethylphthalate					
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-102D	HP-103U	HP-103S	HP-103D	HP-104A
Sample ID	P102D	P103U	P103S	P103D	P104A
Date Collected	08/19/93	08/08/93	08/08/93	08/08/93	08/07/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene		4 J			2 J
Dibenzofuran		1 J			
2,4-Dinitrotoluene					
Diethylphthalate			R		1 J
Fluorene		2 J			
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine		3 J		2 J	4 J
Phenanthrene			0.5 J		
Anthracene					
Carbazole					
Di-n-butylphthalate		R	R	R	R
Fluoranthene					
Pyrene			5 J		
Butylbenzylphthalate					
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	R		R
Di-n-octylphthalate					
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
▒▒▒▒▒▒ - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-105A	HP-106	HP-107A	HP-201U	HP-201S
Sample ID	P105A	P106	P107A	P201U	P201S
Date Collected	08/07/93	08/09/93	08/10/93	08/17/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene	8 J	12 J		1200 J	
1,2-Dichlorobenzene				3800 J	
2,2'-oxybis(1-Chloropropane)					
4-Methylphenol					
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene	17	130		21000	7 J
4-Chloro-3-methylphenol					
2-Methylnaphthalene	8 J	12 J		18000	
2-Chloronaphthalene				12000 J	
Dimethylphthalate				1500 J	
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-105A	HP-106	HP-107A	HP-201U	HP-201S
Sample ID	P105A	P106	P107A	P201U	P201S
Date Collected	08/07/93	08/09/93	08/10/93	08/17/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene		8 J	3 J	2000 J	
Dibenzofuran	1 J		2 J	1100 J	
2,4-Dinitrotoluene					
Diethylphthalate					
Fluorene			3 J	1900 J	
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine	6 J	87		43000	16
Phenanthrene	3 J	2 J		7300 J	
Anthracene	1 J	3 J	2 J	530 J	3 J
Carbazole				2800 J	
Di-n-butylphthalate	R	R	R	R	
Fluoranthene	2 J			3100 J	
Pyrene				4000 J	
Butylbenzylphthalate					
Benzo(a)anthracene				1600 J	
Chrysene				1600 J	
bis(2-Ethylhexyl)phthalate	R	R	R	21000 B	24 B
Di-n-octylphthalate				990 J	
Benzo(b)fluoranthene				500 J	
Benzo(k)fluoranthene				950 J	
Benzo(a)pyrene				680 J	
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-201S	HP-203S	HP-203U	HP-203U	HP-204S	HP-301
Sample ID	P201SRE	P203S	P203U	P203U RE	P204	P301
Date Collected	08/16/93	08/05/93	08/05/93	08/05/93	08/10/93	08/25/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene						22 J
1,4-Dichlorobenzene		2 J	3 J	3 J		77 J
1,2-Dichlorobenzene						25 J
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol						
Isophorone					0.3 J	
1,2,4-Trichlorobenzene						
Naphthalene	7 J		3 J	3 J	2 J	800
4-Chloro-3-methylphenol					4 J	
2-Methylnaphthalene			2 J		0.2 J	270
2-Chloronaphthalene						
Dimethylphthalate						
Acenaphthylene						
3-Nitroaniline						57 J

Only detected results reported.
All results reported in μg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-201S	HP-203S	HP-203U	HP-203U	HP-204S	HP-301
Sample ID	P201SRE	P203S	P203U	P203U RE	P204	P301
Date Collected	08/16/93	08/05/93	08/05/93	08/05/93	08/10/93	08/25/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene						
Dibenzofuran						42 J
2,4-Dinitrotoluene						
Diethylphthalate			0.5 J			
Fluorene			0.4 J			130 J
4-Nitroaniline						
4,6-Dinitro-2-methylphenol						
N-Nitrosodiphenylamine	16	4 J	2 J	2 J		260 J
Phenanthrene						180 J
Anthracene	3 J	0.8 J	0.5 J	0.6 J		38 J
Carbazole						32 J
Di-n-butylphthalate		R	R	R	R	
Fluoranthene						97 J
Pyrene						74 J
Butylbenzylphthalate						
Benzo(a)anthracene						
Chrysene						32 J
bis(2-Ethylhexyl)phthalate	21 B	R	R	R	R	R
Di-n-octylphthalate	3 J					
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene						
Indeno(1,2,3-cd)pyrene						
Benzo(g,h,i)perylene						

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
▒▒▒▒ - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-302	HP-302	HP-303	HP-303	HP-304	H-304
Sample ID	P302	P302 RE	P303	P303 RE	P304	P304 RE
Date Collected	08/11/93	08/11/93	08/11/93	08/11/93	08/11/93	08/11/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwate	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene		9 J	13 J	11 J	5 J	4 J
1,2-Dichlorobenzene					1 J	
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol						
Isophorone						
1,2,4-Trichlorobenzene						
Naphthalene		9 J	3 J		1 J	1 J
4-Chloro-3-methylphenol	91					
2-Methylnaphthalene		100	39 J	23	0.6 J	
2-Chloronaphthalene						
Dimethylphthalate						
Acenaphthylene					2 J	1 J
3-Nitroaniline						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-302	HP-302	HP-303	HP-303	HP-304	H-304
Sample ID	P302	P302 RE	P303	P303 RE	P304	P304 RE
Date Collected	08/11/93	08/11/93	08/11/93	08/11/93	08/11/93	08/11/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwate	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene	30	28	4 J		10 J	8 J
Dibenzofuran	14	14 J			7 J	6 J
2,4-Dinitrotoluene			97			
Diethylphthalate					R	R
Fluorene	8 J	8 J			4 J	3 J
4-Nitroaniline						
4,6-Dinitro-2-methylphenol			24			
N-Nitrosodiphenylamine	86	100	16	9 J		
Phenanthrene	7 J	7 J	4 J		4 J	3 J
Anthracene	3 J	3 J	6 J	3 J	6 J	5 J
Carbazole						1 J
Di-n-butylphthalate	R	R			R	R
Fluoranthene			2 J		21	18
Pyrene			2 J		14	14
Butylbenzylphthalate						
Benzo(a)anthracene			0.9 J		8 J	7 J
Chrysene			0.9 J		9 J	6 J
bis(2-Ethylhexyl)phthalate	R	R	36 B	28	R	R
Di-n-octylphthalate			11	5 J	1 J	
Benzo(b)fluoranthene					10 J	7 J
Benzo(k)fluoranthene					9 J	7 J
Benzo(a)pyrene					6 J	5 J
Indeno(1,2,3-cd)pyrene					2 J	3 J
Benzo(g,h,i)perylene						2 J

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-306	HP-306	HP-307A	HP-308A	HP-308A	HP-309
Sample ID	P306	P306 RE	P307A	P308A	P308ARE	P309
Date Collected	08/09/93	08/09/93	08/09/93	08/18/93	08/18/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene	6 J	6 J	6 J	7 J		6 J
1,2-Dichlorobenzene						
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol						
Isophorone						
1,2,4-Trichlorobenzene						
Naphthalene	41	39	2 J	16	17	210
4-Chloro-3-methylphenol						
2-Methylnaphthalene	4 J		8 J		9 J	81
2-Chloronaphthalene						
Dimethylphthalate						
Acenaphthylene						
3-Nitroaniline						

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-306	HP-306	HP-307A	HP-308A	HP-308A	HP-309
Sample ID	P306	P306 RE	P307A	P308A	P308ARE	P309
Date Collected	08/09/93	08/09/93	08/09/93	08/18/93	08/18/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene			4 J		4 J	34 J
Dibenzofuran			2 J		2 J	28 J
2,4-Dinitrotoluene						
Diethylphthalate						
Fluorene	0.9 J		2 J		4 J	29 J
4-Nitroaniline						
4,6-Dinitro-2-methylphenol						
N-Nitrosodiphenylamine					11	
Phenanthrene	1 J		2 J	6 J	5 J	31 J
Anthracene	2 J	7 J	2 J	3 J	4 J	5 J
Carbazole						13 J
Di-n-butylphthalate	R	R	R			R
Fluoranthene					2 J	6 J
Pyrene					1 J	4 J
Butylbenzylphthalate						
Benzo(a)anthracene						
Chrysene						
bis(2-Ethylhexyl)phthalate	86 B	60 B	R	R	12 B	R
Di-n-octylphthalate	5 J					
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene						
Indeno(1,2,3-cd)pyrene						
Benzo(g,h,i)perylene						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-310A	HP-310A	HP-312	HP-313	HP-313	HP-314
Sample ID	P310A	P310ARE	P312	P313	P313 RE	P314
Date Collected	08/18/93	08/18/93	08/19/93	08/10/93	08/10/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene	18					
1,4-Dichlorobenzene	92	100				
1,2-Dichlorobenzene	67	71 J	120 J			
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol						
Isophorone						
1,2,4-Trichlorobenzene						
Naphthalene	440	480	490 J			
4-Chloro-3-methylphenol						
2-Methylnaphthalene	130	120	290 J			5 J
2-Chloronaphthalene						
Dimethylphthalate					4 J	
Acenaphthylene						
3-Nitroaniline						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-310A	HP-310A	HP-312	HP-313	HP-313	HP-314
Sample ID	P310A	P310ARE	P312	P313	P313 RE	P314
Date Collected	08/18/93	08/18/93	08/19/93	08/10/93	08/10/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene	25					
Dibenzofuran		12 J				
2,4-Dinitrotoluene						
Diethylphthalate						
Fluorene	13	18 J				
4-Nitroaniline						
4,6-Dinitro-2-methylphenol						
N-Nitrosodiphenylamine	100	110	420 J			
Phenanthrene	19	21 J	140 J			
Anthracene	12	11 J		4 J	4 J	2 J
Carbazole			120 J			
Di-n-butylphthalate					R	R
Fluoranthene	6 J	5 J				
Pyrene	8 J	4 J				
Butylbenzylphthalate						
Benzo(a)anthracene	2 J					
Chrysene						
bis(2-Ethylhexyl)phthalate	42 B	R	R	R	R	R
Di-n-octylphthalate						
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene						
Indeno(1,2,3-cd)pyrene						
Benzo(g,h,i)perylene						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-316	HP-317A	HP-317A	HP-318	HP-318	HP-319
Sample ID	P316A	P317A	P317A RE	P318	P318 RE	P319
Date Collected	08/10/93	08/11/93	08/11/93	08/11/93	08/11/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene	7 J				5 J	35 J
1,2-Dichlorobenzene						
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol		2 J				
Isophorone						
1,2,4-Trichlorobenzene						45
Naphthalene	13	1 J	1 J			220
4-Chloro-3-methylphenol						
2-Methylnaphthalene	20	59	40			80
2-Chloronaphthalene						
Dimethylphthalate						
Acenaphthylene		0.8 J				
3-Nitroaniline						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-316	HP-317A	HP-317A	HP-318	HP-318	HP-319
Sample ID	P316A	P317A	P317A RE	P318	P318 RE	P319
Date Collected	08/10/93	08/11/93	08/11/93	08/11/93	08/11/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene	6 J	39	30			
Dibenzofuran		22	15			
2,4-Dinitrotoluene						
Diethylphthalate						
Fluorene		13				13 J
4-Nitroaniline						
4,6-Dinitro-2-methylphenol						
N-Nitrosodiphenylamine						190
Phenanthrene	3 J	3 J	2 J			21 J
Anthracene	0.8 J	2 J	1 J	2 J	3 J	7 J
Carbazole						17 J
Di-n-butylphthalate	R	R			R	R
Fluoranthene						7 J
Pyrene	0.2 J					4 J
Butylbenzylphthalate						
Benzo(a)anthracene						
Chrysene						2 J
bis(2-Ethylhexyl)phthalate	R	R	R	R	R	R
Di-n-octylphthalate						
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene						
Indeno(1,2,3-cd)pyrene						
Benzo(g,h,i)perylene						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-320A	HP-401S	HP-401U	HP-401D	HP-402	HP-402	HP-404
Sample ID	P320A	P401S	P401U	P401D	P402	P402RE	P404
Date Collected	08/19/93	08/26/93	08/25/93	08/26/93	08/18/93	08/18/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Phenol							
1,3-Dichlorobenzene					6 J	5 J	18 J
1,4-Dichlorobenzene			4 J		6 J	6 J	33
1,2-Dichlorobenzene	5600 J						47
2,2'-oxybis(1-Chloropropane)							
4-Methylphenol							
Isophorone							
1,2,4-Trichlorobenzene	5500 J						
Naphthalene	16000 J		0.7 J		61	55	740
4-Chloro-3-methylphenol			3 J				
2-Methylnaphthalene	14000 J				2 J		180
2-Chloronaphthalene							
Dimethylphthalate					19		
Acenaphthylene							
3-Nitroaniline							

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-320A	HP-401S	HP-401U	HP-401D	HP-402	HP-402	HP-404
Sample ID	P320A	P401S	P401U	P401D	P402	P402RE	P404
Date Collected	08/19/93	08/26/93	08/25/93	08/26/93	08/18/93	08/18/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Acenaphthene	3000 J		1 J		2 J	1 J	74
Dibenzofuran							
2,4-Dinitrotoluene							
Diethylphthalate		2 J					
Fluorene	3000 J		0.5 J		2 J		71
4-Nitroaniline	1700						
4,6-Dinitro-2-methylphenol							
N-Nitrosodiphenylamine	8800 J				22	18	86
Phenanthrene	7800 J		0.2 J				64
Anthracene			0.7 J		5 J	6 J	
Carbazole			0.4 J				
Di-n-butylphthalate	2800 J	1 J	R	0.7 J			
Fluoranthene	2900 J						31
Pyrene	2600 J	0.3 J					96
Butylbenzylphthalate							
Benzo(a)anthracene							20
Chrysene							
bis(2-Ethylhexyl)phthalate	14000 JB	4 J	R	0.9 J	R	R	690 B
Di-n-octylphthalate					3 J		12 J
Benzo(b)fluoranthene							20
Benzo(k)fluoranthene							
Benzo(a)pyrene							
Indeno(1,2,3-cd)pyrene							
Benzo(g,h,i)perylene							

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-404	HP-406U	HP-406S	HP-406D	HP-407U	HP-407U	HP-407S
Sample ID	P404RE	P406U	P406S	P406D	P407U	P407U RE	P407S
Date Collected	08/19/93	08/06/93	08/06/93	08/06/93	08/04/93	08/04/93	08/04/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Phenol		3 J					
1,3-Dichlorobenzene							
1,4-Dichlorobenzene	50 J	5 J			4 J	4 J	
1,2-Dichlorobenzene	71 J						
2,2'-oxybis(1-Chloropropane)							
4-Methylphenol		3 J					
Isophorone							
1,2,4-Trichlorobenzene							
Naphthalene	500	4 J			4 J	4 J	
4-Chloro-3-methylphenol			5 J				1 J
2-Methylnaphthalene	170 J	4 J			3 J	3 J	
2-Chloronaphthalene							
Dimethylphthalate							
Acenaphthylene							
3-Nitroaniline							

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-404	HP-406U	HP-406S	HP-406D	HP-407U	HP-407U	HP-407S
Sample ID	P404RE	P406U	P406S	P406D	P407U	P407U RE	P407S
Date Collected	08/19/93	08/06/93	08/06/93	08/06/93	08/04/93	08/04/93	08/04/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Acenaphthene	90 J				1 J	1 J	
Dibenzofuran							
2,4-Dinitrotoluene							
Diethylphthalate							0.9 J
Fluorene							
4-Nitroaniline							
4,6-Dinitro-2-methylphenol							
N-Nitrosodiphenylamine	210 J	1 J					
Phenanthrene	110 J	0.4 J					
Anthracene					4 J	4 J	
Carbazole							
Di-n-butylphthalate		R	R	R			R
Fluoranthene	65 J						
Pyrene	110 J						
Butylbenzylphthalate		0.8 J					0.2 J
Benzo(a)anthracene							
Chrysene							
bis(2-Ethylhexyl)phthalate	1000 B	R	R	10 B	R	R	R
Di-n-octylphthalate							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(a)pyrene							
Indeno(1,2,3-cd)pyrene							
Benzo(g,h,i)perylene							

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-407D	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P407D	P409U	P409S	P409D	P501U	P501S
Date Collected	08/03/93	09/02/93	09/02/93	09/02/93	08/27/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene		5 J				
1,2-Dichlorobenzene						
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol						
Isophorone						
1,2,4-Trichlorobenzene						
Naphthalene		3 J			290	
4-Chloro-3-methylphenol						
2-Methylnaphthalene		30			23 J	
2-Chloronaphthalene						
Dimethylphthalate						
Acenaphthylene						
3-Nitroaniline						

Only detected results reported.
All results reported in µg/l.
J – Indicates the result is < sample quantitation limit but > 0.
B – Compound detected in associated method blank.
R – Compound rejected due to contamination in associated method blank.
D – Concentration determined from a secondary dilution.
RE – Reanalysis due to Quality Control Outliers.
RS – Resampled
– SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-407D	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P407D	P409U	P409S	P409D	P501U	P501S
Date Collected	08/03/93	09/02/93	09/02/93	09/02/93	08/27/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene		13			63 J	
Dibenzofuran		5 J				
2,4-Dinitrotoluene						
Diethylphthalate	0.3 J		R	R		
Fluorene		6 J				
4-Nitroaniline						
4,6-Dinitro-2-methylphenol						
N-Nitrosodiphenylamine						
Phenanthrene		4 J			17 J	
Anthracene						
Carbazole						
Di-n-butylphthalate		R	R	R		
Fluoranthene						
Pyrene						
Butylbenzylphthalate			R	R		
Benzo(a)anthracene						
Chrysene						
bis(2-Ethylhexyl)phthalate	R	R	R	R	48 J	1 J
Di-n-octylphthalate						
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene						
Indeno(1,2,3-cd)pyrene						
Benzo(g,h,i)perylene						

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
▒▒▒▒ - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-501D	HP-502A	HP-503U	HP-503S	HP-503D
Sample ID	P501D	P502A	P503U	P503S	P503D
Date Collected	08/26/93	08/18/93	08/27/93	08/27/93	08/27/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene		10 J	30 J		
1,2-Dichlorobenzene					
2,2'-oxybis(1-Chloropropane)					
4-Methylphenol					
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene		95	91 J		
4-Chloro-3-methylphenol					
2-Methylnaphthalene		12 J	57 J		
2-Chloronaphthalene					
Dimethylphthalate					
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-501D	HP-502A	HP-503U	HP-503S	HP-503D
Sample ID	P501D	P502A	P503U	P503S	P503D
Date Collected	08/26/93	08/18/93	08/27/93	08/27/93	08/27/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene			38 J		
Dibenzofuran			24 J		
2,4-Dinitrotoluene					
Diethylphthalate					
Fluorene		2 J	25 J		
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine			34 J		
Phenanthrene		3 J	30 J		
Anthracene		10 J			
Carbazole					
Di-n-butylphthalate					
Fluoranthene		2 J			
Pyrene		2 J			
Butylbenzylphthalate					
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	1 J	R	25 J		
Di-n-octylphthalate					
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP602U	HP-602U	HP-603U	HP-604U	HP-HPS
Sample ID	P602U	P602URE	P603U	P604U	PHPS
Date Collected	08/17/93	08/17/93	08/07/93	08/05/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene				0.7 J	
1,4-Dichlorobenzene			5 J	3 J	0.8 J
1,2-Dichlorobenzene				1 J	
2,2'-oxybis(1-Chloropropane)					
4-Methylphenol		37			
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene	12	17	0.8 J	7 J	
4-Chloro-3-methylphenol					
2-Methylnaphthalene		2 J	5 J	15	2 J
2-Chloronaphthalene					
Dimethylphthalate					
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP602U	HP-602U	HP-603U	HP-604U	HP-HPS
Sample ID	P602U	P602URE	P603U	P604U	PHPS
Date Collected	08/17/93	08/17/93	08/07/93	08/05/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene			14	4 J	1 J
Dibenzofuran			3 J	2 J	
2,4-Dinitrotoluene					
Diethylphthalate				0.9 J	
Fluorene			2 J	3 J	
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine					
Phenanthrene				2 J	
Anthracene				0.4 J	
Carbazole					
Di-n-butylphthalate			R	R	0.9 J
Fluoranthene				0.3 J	
Pyrene					
Butylbenzylphthalate					
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	R	R	R
Di-n-octylphthalate					
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
▒▒▒▒▒▒ - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-HPS	HP-OW-1A	HP-OW-1A	HP-OW-2A	HP-OW-2A	HP-OW-3A
Sample ID	PHPSRE	POW1A	POW1A RE	POW2A	POW2ARE	POW3A
Date Collected	08/19/93	08/12/93	08/12/93	08/12/93	08/12/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Phenol						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene		5 J	7 J			21
1,2-Dichlorobenzene						
2,2'-oxybis(1-Chloropropane)						
4-Methylphenol						
Isophorone						
1,2,4-Trichlorobenzene						
Naphthalene				6 J		140 D
4-Chloro-3-methylphenol						
2-Methylnaphthalene			3 J			43
2-Chloronaphthalene						
Dimethylphthalate						
Acenaphthylene						
3-Nitroaniline						

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-HPS	HP-OW-1A	HP-OW-1A	HP-OW-2A	HP-OW-2A	HP-OW-3A
Sample ID	PHPSRE	POW1A	POW1A RE	POW2A	POW2ARE	POW3A
Date Collected	08/19/93	08/12/93	08/12/93	08/12/93	08/12/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
Acenaphthene		0.6 J				
Dibenzofuran						
2,4-Dinitrotoluene						
Diethylphthalate				R		
Fluorene						
4-Nitroaniline						
4,6-Dinitro-2-methylphenol						
N-Nitrosodiphenylamine		6 J	9 J			83 D
Phenanthrene						31
Anthracene			3 J	3 J	3 J	8 J
Carbazole						
Di-n-butylphthalate		R	R	R	R	R
Fluoranthene						13
Pyrene						35
Butylbenzylphthalate						
Benzo(a)anthracene						
Chrysene						
bis(2-Ethylhexyl)phthalate	R	R	R	R	R	57 B
Di-n-octylphthalate						
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene		8 J				
Indeno(1,2,3-cd)pyrene						
Benzo(g,h,i)perylene		2 J				

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-OW-4A	HP-OW-4A	HP-OW-5A	HP-OW-5A	HP-OW-6A
Sample ID	POW4A	POW4ARE	POW5ARS	POW5ARSRE	POW6A
Date Collected	08/12/93	08/12/93	08/17/93	08/17/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene			19	16	
1,4-Dichlorobenzene	26		10	10	3 J
1,2-Dichlorobenzene					
2,2'-oxybis(1-Chloropropane)					0.5 J
4-Methylphenol					
Isophorone					
1,2,4-Trichlorobenzene					
Naphthalene	16	19	20	18	0.5 J
4-Chloro-3-methylphenol					
2-Methylnaphthalene	10		15	13	4 J
2-Chloronaphthalene					
Dimethylphthalate					
Acenaphthylene					
3-Nitroaniline					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

35331/cmbscm-a/pmbjr
04/29/94

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-OW-4A	HP-OW-4A	HP-OW-5A	HP-OW-5A	HP-OW-6A
Sample ID	POW4A	POW4ARE	POW5ARS	POW5ARSRE	POW6A
Date Collected	08/12/93	08/12/93	08/17/93	08/17/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Acenaphthene			6 J	4 J	1 J
Dibenzofuran				10	
2,4-Dinitrotoluene					
Diethylphthalate			37 B	29 B	
Fluorene			3 J	3 J	
4-Nitroaniline					
4,6-Dinitro-2-methylphenol					
N-Nitrosodiphenylamine	55	62	37	34	
Phenanthrene			1 J	0.9 J	
Anthracene		5 J	7 J	5 J	
Carbazole					
Di-n-butylphthalate	R		R	R	
Fluoranthene					
Pyrene					
Butylbenzylphthalate					7 J
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	22 B	21 B	
Di-n-octylphthalate			2 J		
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					24
Indeno(1,2,3-cd)pyrene					
Benzo(g,h,i)perylene					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
B - Compound detected in associated method blank.
R - Compound rejected due to contamination in associated method blank.
D - Concentration determined from a secondary dilution.
RE - Reanalysis due to Quality Control Outliers.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

35331/cmbsem-a/pmbjr
04/29/94

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	PH1	HP-BPS	HP-BPD	HP-BPU	HP-101U
Sample ID	PH1	PBPS	PBPD	PBPU	P101U
Date Collected	09/09/93	09/23/93	09/23/93	09/24/93	08/03/93
Sample Type	Hydrantwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin		0.02 JP	0.01 J	0.008 J	
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate					
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane					
Aroclor - 1248					
Aroclor - 1254					
Aroclor - 1260					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-101S	HP-101D	HP-101SR	HP-102UA	HP-102S	HP-102D
Sample ID	P101S	P101D	P101SRS	P102UA	P102S	P102D
Date Collected	08/03/93	08/03/93	08/25/93	08/19/93	08/19/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound						
alpha-BHC						
beta-BHC						
Aldrin				0.03 JP		
Dieldrin						
4,4'-DDE						
Endrin						
Endosulfan II						
4,4'-DDD						
Endosulfan Sulfate					0.03 JP	
4,4'-DDT						
Methoxychlor						
Endrin Aldehyde						
alpha-Chlordane						
gamma-Chlordane						
Aroclor - 1248						
Aroclor - 1254						
Aroclor - 1260						

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-103U	HP-103S	HP-103D	HP-104A	HP-105A
Sample ID	P103U	P103S	P103D	P104A	P105A
Date Collected	08/08/93	08/08/93	08/08/93	08/07/93	08/07/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					0.05
Dieldrin					
4,4'-DDE					
Endrin					0.05 J
Endosulfan II					
4,4'-DDD				0.02 JP	0.04 JP
Endosulfan Sulfate					
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					0.01 JP
gamma-Chlordane					0.02 JP
Aroclor - 1248					
Aroclor - 1254					
Aroclor - 1260					

Only detected results reported.
All results reported in μg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-106	HP-107A	HP-201U	HP-201S	HP-203S
Sample ID	P106	P107A	P201U	P201S	P203S
Date Collected	08/09/93	08/10/93	08/17/93	08/16/93	08/05/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin			24 P		
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate					
4,4'-DDT					
Methoxychlor	0.14 JP				
Endrin Aldehyde					
alpha-Chlordane			25 P		
gamma-Chlordane					
Aroclor - 1248			1000 P		
Aroclor - 1254			560		
Aroclor - 1260			600		

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-203U	HP-204	HP-301	HP-302	HP-303
Sample ID	P203U	P204	P301	P302	P303
Date Collected	08/05/93	08/10/93	08/25/93	08/11/93	08/11/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD			0.07 JP		
Endosulfan Sulfate			0.03 JP		
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde			0.1 P		
alpha-Chlordane					0.04 JP
gamma-Chlordane					
Aroclor - 1248			1.8 P		
Aroclor - 1254			2 P		1.5 P
Aroclor - 1260			2 P		1.6 P

Only detected results reported.
All results reported in μg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-304	HP-306	HP-307A	HP-308A	HP-309
Sample ID	P304	P306	P307A	P308A	P309
Date Collected	08/11/93	08/09/93	08/09/93	08/18/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					
Dieldrin					
4,4'-DDE		0.03 J			
Endrin					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate					0.02 JP
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane	0.04 J			0.03 JP	
Aroclor - 1248	0.78 J				1.6
Aroclor - 1254					
Aroclor - 1260					0.31 JP

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-310A	HP-312	HP-313	HP-314	HP-316A
Sample ID	P310A	P312	P313	P314	P316A
Date Collected	08/18/93	08/19/93	08/10/93	08/10/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin		0.29 P			
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD		0.22 JP			
Endosulfan Sulfate	0.05 JP				
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane					
Aroclor - 1248	1.7	8.2			
Aroclor - 1254	2.4	10 P		1.7	
Aroclor - 1260	3.3	18			

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-317A	HP-318	HP-319	HP-320A	HP-401S
Sample ID	P317A	P318	P319	P320A	P401S
Date Collected	08/11/93	08/11/93	08/12/93	08/19/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC				2.2 JP	
beta-BHC					
Aldrin					
Dieldrin			0.04 JP		
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD					0.1 P
Endosulfan Sulfate					
4,4'-DDT					0.34 P
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane					
Aroclor - 1248			1.2 J	200	
Aroclor - 1254			1.4 J	200 P	
Aroclor - 1260			2.2	370 P	

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-401U	HP-401D	HP-402	HP-404	HP-406U
Sample ID	P401U	P401D	P402	P404	P406U
Date Collected	08/25/93	08/26/93	08/18/93	08/19/93	08/06/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin				0.68 P	
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate					
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde			0.06 JP	0.39 JP	
alpha-Chlordane				0.45 JP	
gamma-Chlordane		0.02 J			
Aroclor - 1248	0.42 JP			18	
Aroclor - 1254				20	
Aroclor - 1260			1.3	29	

Only detected results reported.
All results reported in μg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-406S	HP-406D	HP-407U	HP-407S	HP-407D
Sample ID	P406S	P406D	P407U	P407S	P407D
Date Collected	08/06/93	08/06/93	08/04/93	08/04/93	08/03/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate					
4,4'-DDT			0.02 JP		
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane					
Aroclor - 1248					
Aroclor - 1254					
Aroclor - 1260					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P409U	P409S	P409D	P501U	P501S
Date Collected	09/02/93	09/02/93	09/02/93	08/27/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					
Dieldrin				0.03 JP	
4,4'-DDE				0.02 JP	
Endrin					
Endosulfan II	0.03 JP				
4,4'-DDD					
Endosulfan Sulfate					
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane	0.02 JP				
Aroclor - 1248					
Aroclor - 1254					
Aroclor - 1260					

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
[redacted] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-501D	HP-502A	HP-503U	HP-503S	HP-503D
Sample ID	P501D	P502A	P503U	P503S	P503D
Date Collected	08/26/93	08/18/93	08/27/93	08/27/93	08/27/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC		0.009 JP			
Aldrin			0.16 P		
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD			0.08 JP		
Endosulfan Sulfate		0.02 JP			
4,4'-DDT					
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane					
Aroclor - 1248		1.6	1.8 J		
Aroclor - 1254		0.71 J	2.8		
Aroclor - 1260		0.51 JP	1 J		

Only detected results reported.
All results reported in µg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-602U	HP-603U	HP-604U	HP-HPS	HP-OW1A
Sample ID	P602U	P603U	P604U	PHPS	POW1A
Date Collected	08/17/93	08/07/93	08/05/93	08/19/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					
Dieldrin			0.01 JP		
4,4'-DDE					
Endrin					
Endosulfan II				0.02 JP	
4,4'-DDD			0.18		
Endosulfan Sulfate					
4,4'-DDT			0.02 JP		
Methoxychlor					
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane				0.02 JP	
Aroclor - 1248					
Aroclor - 1254					
Aroclor - 1260					

Only detected results reported.
All results reported in $\mu g/l$.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYTICAL DATA SUMMARY
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-OW2A	HP-OW3A	HP-OW4A	HP-OW5A	HP-OW6A
Sample ID	POW2A	POW3A	POW4A	POW5A	POW6A
Date Collected	08/12/93	08/12/93	08/12/93	08/12/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
alpha-BHC					
beta-BHC					
Aldrin					
Dieldrin					
4,4'-DDE					
Endrin					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate	0.05 JP			0.03 J	
4,4'-DDT					
Methoxychlor				0.05 JP	
Endrin Aldehyde					
alpha-Chlordane					
gamma-Chlordane					
Aroclor - 1248		0.98 J			
Aroclor - 1254					
Aroclor - 1260		2.5	0.74 J		

Only detected results reported.
All results reported in μg/l.
J - Indicates the result is < sample quantitation limit but > 0.
P - Percent difference between two GC columns is > 25%, lower of the two values is reported.
RS - Resampled
- SCG listed in Table 4-1 is exceeded.

35331/pestpc-a/mh
04/23/94

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	P-H1	HP-BPS	HP-BPD	HP-BPU	HP-101U
Sample ID	PH1	PBPS	PBPD	PBPU	P101U
Date Collected	09/09/93	09/23/93	09/23/93	09/24/93	08/03/93
Sample Type	Hydrantwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	131 B	2870	2340	1520	1740
Antimony					
Arsenic			1.1 B	2.5 BW	5.2 B
Barium	23.5 B	49.9 B	26.2 B	88.1 B	111 B
Beryllium					
Cadmium					7.8
Calcium	10300	26400	6930	264000	156000
Chromium		8.1 B	7.2 B	4.3 B	5 B*
Cobalt					5.2 B
Copper	62.1	11 B	19.4 B	11.4 B	65.5
Iron	18400	1700	5470	11600	38400
Lead	12.3	7.5	16.1	16.8	173 N
Magnesium	821 B	30500	2430 B	67700	20600
Manganese	172	164	98.7	962	349
Mercury					
Nickel					28.8 B
Potassium		24300	2460 B	29200	16700
Silver					
Sodium	8190	105000	24200	112000	466000
Thallium					
Vanadium					21.8 B
Zinc	66.2	23.9	39.1	39.6	464 E
Cyanide					

Only detected results reported.
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N - Spiked sample recovery not within control limits.
S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-101S	HP-101D	HP-102UA	HP-102S	HP-102D
Sample ID	P101S	P101D	P102UA	P102S	P102D
Date Collected	08/03/93	08/03/93	08/19/93	08/19/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	60.8 B	26.8 B	783	95.8 B	73.4 B
Antimony			40.6 B		
Arsenic	8.2 B	1.4 B	6.7 BW	3.8 BW	
Barium	285	446	288	286	198 B
Beryllium					
Cadmium	2.3 B	4.1 B			
Calcium	75600	147000	107000	67600	130000 E
Chromium	7.3 B*		22.1	22.1	
Cobalt	3.5 B		28.1 B	29 B	
Copper	13 B	12.7 B			17.7 B
Iron	32300	76100	9500	9530	18000 E
Lead	23.5 NS	33.9 N+	4.3 *	15.2 *	2.1 B*
Magnesium	140000	63200	183000	156000	109000
Manganese	1230	307	81.9	153	950 E
Mercury					
Nickel			33.2 B	31.8 B	
Potassium	84200	44500	213000	202000	19200
Silver		3 B			
Sodium	3980000	6450000	1050000	1380000	934000
Thallium					
Vanadium	49.1 B		51.9	29.7 B	
Zinc	315 E		3.6 BE	7.5 BE	
Cyanide		28	71.5	31.4	

Only detected results reported.
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N - Spiked sample recovery not within control limits.
S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-103U	HP-103S	HP-103D	HP-104A	HP-105A
Sample ID	P103U	P103S	P103D	P104A	P105A
Date Collected	08/08/93	08/08/93	08/08/93	08/07/93	08/07/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	673	51.9 B	466	3550	1060
Antimony					
Arsenic		1.7 BW	2.3 B	3.2 B	3 BW
Barium	455	145 B	822	360	483
Beryllium					
Cadmium	3.1 B		2.3 B		
Calcium	223000	117000	201000	145000	83300
Chromium		11.1	8.6 B*	24.6 *	15.4 *
Cobalt	5.2 B	13.1 B	6.9 B	8.8 B	10.8 B
Copper	22.4 B	16 B	12.4 B	27.7	20.6 B
Iron	21600	20500	42100	38300	16600
Lead	13.5 N	14.8 +	59.2 N	96.8 N	211 N
Magnesium	30000	229000	36000	126000	76100
Manganese	566	407	5210	391	126
Mercury					
Nickel	12.2 B	11.4 B	9.8 B	10.7 B	13.9 B
Potassium	24500	177000	28300	46300	91100
Silver					
Sodium	87200	2290000	104000	100000	675000
Thallium					
Vanadium		14.8 B	28 B	24.2 B	7.3 B
Zinc	108 E		63.3 E	106 E	221 E
Cyanide			33.8		

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N – Spiked sample recovery not within control limits.
S – The reported value was determined by the Method of Standard Additions (MSA).
W – Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
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– SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-106	HP-107A	HP-102U	HP-201S	HP-203S
Sample ID	P106	P107A	P201U	P201S	P203S
Date Collected	08/09/93	08/10/93	08/17/93	08/16/93	08/05/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	163 B	94.3 B	4930	32.7 B	71.5 B
Antimony				28.9 B	34.7 B
Arsenic	2.6 B		18.7		1.1 B
Barium	558	396	848	164 B	693
Beryllium					
Cadmium			3.6 B		
Calcium	77200	208000	181000	136000	191000
Chromium	27.3		61		5.9 B*
Cobalt	12.1 B		14.8 B		4.9 B
Copper	18.3 B	9.6 B	75.6	10.6 B	12.8 B
Iron	21100	17900	32800	15900	31500
Lead	48.8	9.5	636 *	5.6 BS*	14.2 N
Magnesium	71600	127000	192000	308000	114000
Manganese	52.7	231	549	473	264
Mercury					
Nickel	9.5 B		47.7	8.1 B	
Potassium	118000	59000	137000	101000	62200
Silver					
Sodium	463000	216000	644000	1060000	303000
Thallium					
Vanadium	10.6 B	14.2 B	30.7 B		
Zinc	65.6 *	20.6 *	361 E		20.8 E
Cyanide			58.7		26.8

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N - Spiked sample recovery not within control limits.
S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-203U	HP-204	HP-301	HP-302	HP-303
Sample ID	P203U	P204	P301	P302	P303
Date Collected	08/05/93	08/10/93	08/25/93	08/11/93	08/11/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	34.9 B	1460	730	139 B	2990
Antimony					
Arsenic	3.6 B		4.1 B	1.8 B	10.7
Barium	504	57.9 B	780	841	550
Beryllium					
Cadmium					5.4
Calcium	181000	75700	173000 E	177000	213000
Chromium	7.3 B*	4.1 B	47.1	6 B	24.7
Cobalt	4.8 B		6.5 B	6.1 B	4.9 B
Copper	9.6 B	6.8 B	45.7		137
Iron	29200	1570	43700 E	18400	42600
Lead	4.1 NW	4.3	147 *	22.9	182
Magnesium	106000	64600	205000	155000	168000
Manganese	218	66.4	420 E	157	400
Mercury					
Nickel	13.3 B		19.4 B		14.2 B
Potassium	60100	35000	142000	78900	82200
Silver					
Sodium	127000	609000	543000	205000	271000
Thallium			1.3 BNW		
Vanadium		67.1	22.1 B	15 B	31.1 B
Zinc	22.8 E	16.2 B*	347	44.3 *	229 *
Cyanide	31.5		82		

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S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-304	HP-306	HP-307A	HP-308A	HP-309
Sample ID	P304	P306	P307A	P308A	P309
Date Collected	08/11/93	08/09/93	08/09/93	08/18/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	4040	2510	846	584	135 B
Antimony				34.3 B	
Arsenic	14.9	6.7 B	1.2 B	2.2 B	1.7 B
Barium	957	787	994	816	409
Beryllium					
Cadmium	6	222		3.1 B	
Calcium	297000	43000	133000	82900	72800
Chromium	37.9	89.6	15.6	7.1 B	15.5
Cobalt	15.8 B	20.8 B	12 B	13.9 B	24.3 B
Copper	81.8	95.5	22.1 B	8.1 B	13 B
Iron	183000	32800	21100	17200	11500
Lead	495	655	208	59.7 S*	25.4 *
Magnesium	132000	90700	115000	96500	115000
Manganese	1580	161	96.7	61.2	95
Mercury	15.9				
Nickel	94.9	50.2	9.5 B	9.4 B	27.6 B
Potassium	54300	224000	81400	87000	168000
Silver				4 B	
Sodium	86000	686000	255000	343000	807000
Thallium					
Vanadium	39.3 B*	72.4	16.7 B		
Zinc	589 *	751 *	115 *	86.9 E	64.4 E
Cyanide	61				42

Only detected results reported.
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N - Spiked sample recovery not within control limits.
S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-310A	HP-312	HP-313	HP-314	HP-316
Sample ID	P310A	P312	P313	P314	P316
Date Collected	08/18/93	08/19/93	08/10/93	08/10/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	128 B	4820	20.9 B	1620	1010
Antimony					39.4 B
Arsenic	5.7 B	29.7 S		1.2 B	
Barium	735	528	380	742	825
Beryllium					
Cadmium		3.5 B		2.2 B	
Calcium	190000	156000	259000	184000	167000
Chromium	21.5	47.6	4.9 B	18.4	8.7 B
Cobalt	5.6 B	13.6 B		3.3 B	5.2 B
Copper		53.9		53.2	16.7 B
Iron	2540	39300	10200	35700	42400
Lead	11.1 *	360 *	2.3 B	240	66.2
Magnesium	200000	200000	132000	102000	64200
Manganese	463	560	234	275	285
Mercury					
Nickel	9 B	19.7 B		20.8 B	130
Potassium	120000	142000	58300	53600	39200
Silver					
Sodium	583000	684000	272000	194000	96000
Thallium					
Vanadium	16.8 B	33 B	10.6 B	20.6 B	17 B
Zinc	34.1 E	259 E	17.9 B*	343 *	191 *
Cyanide		47.9		18.6	

Only detected results reported.
All results reported in ug/l.
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N - Spiked sample recovery not within control limits.
S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
[shaded] - SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-317A	HP-318	HP-319	HP-320	HP-401S
Sample ID	P317A	P318	P319	P320A	P401S
Date Collected	08/11/93	08/11/93	08/12/93	08/19/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	2180	155 B	106 B	80.5 B	2800
Antimony	32.2 B				
Arsenic	5.9 B	1.7 B	4.9 B	4 BW	6.8 B
Barium	222	304	708	427	75.3 B
Beryllium				1.2 B	
Cadmium				2.2 B	2.8 B
Calcium	223000	209000	278000 E	232000 E	73200 E
Chromium		6.1 B	10.5	6.5 B	10.3
Cobalt	4.9 B	7 B	4.4 B		
Copper			12.1 B	51.6	32.7
Iron	38700	16300	3280 E	2720 E	15500 E
Lead	11.2	4.3	36.2 S*	30 *	13.1 *
Magnesium	125000	192000	186000	610000	98100
Manganese	331	222	288 E	257 E	545 E
Mercury					
Nickel					
Potassium	63800	100000	109000	222000	32100
Silver				3.6 B	3.4 B
Sodium	152000	393000	390000	6470000	942000
Thallium					1.9 BN
Vanadium		11.1 B	31.2 B	23.9 B	27.2 B
Zinc	35.5 *	23.7 *	39.1		46.3
Cyanide			149	11.3	

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S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-401U	HP-401D	HP-402	HP-404	HP-406U
Sample ID	P401U	P401D	P402	P404	P406U
Date Collected	08/25/93	08/26/93	08/18/93	08/19/93	08/06/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	2670	162 B	649	152 B	5980
Antimony		30.4 B	28.3 B		
Arsenic	2 BW		13.5	2.3 B	26.7
Barium	632	92.7 B	546	390	1420
Beryllium					1.2 B
Cadmium		2.4 B		2 B	3.8 B
Calcium	134000 E	80200 E	179000	173000	158000
Chromium	22.6		23.5	8 B	36.1 *
Cobalt	7.9 B		18.4 B	3.7 B	9.9 B
Copper	84.9	12.2 B	36.9		69
Iron	24000 E	4060 E	13300	1140	60100
Lead	151 *		100 *	9.5 *	336 N
Magnesium	145000	166000	189000	224000	60800
Manganese	165 E	663 E	245	38.6	412
Mercury					0.31 N
Nickel	8.1 B		39.5 B	8 B	31.3 B
Potassium	85200	45400	150000	105000	49400
Silver					
Sodium	241000	1530000	670000	412000	211000
Thallium		1.8 BNW			
Vanadium	15.4 B		33.8 B	32.5 B	25.5 B
Zinc	186		203 E	11 BE	462 E
Cyanide			53.5	30.8	

Only detected results reported.
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W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-406S	HP-406D	HP-407U	HP-407S	HP-407D
Sample ID	P406S	P406D	P407U	P407S	P407D
Date Collected	08/06/93	08/06/93	08/04/93	08/04/93	08/03/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	776	551	2470	462	720
Antimony					
Arsenic		1 B	3.4 B	8.8 B	
Barium	19.4 B	26.6 B	634	104 B	24.9 B
Beryllium					
Cadmium			2.1 B		2.3 B
Calcium	87600	12600	99700	176000	24000
Chromium			25.2 *		
Cobalt			17.4 B		
Copper	8.7 B	11.3 B	16.5 B	10.6 B	10.4 B
Iron	253	1670	15100	3270	1390
Lead		4.2 N	11.7 N		1.2 BN
Magnesium	50500	2210 B	143000	310000	31900
Manganese	7 B	22	202	296	179
Mercury					
Nickel			18.2 B		
Potassium	25200	1050 B	126000	90200	11100
Silver					
Sodium	568000	10300	562000	2740000	289000
Thallium					
Vanadium	22.8 B		45.4 B	49.8 B	13.9 B
Zinc	4.9 BE	31.2 E	37.5 E		
Cyanide			45.7		

Only detected results reported.
All results reported in ug/l.
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N - Spiked sample recovery not within control limits.
S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
+ - Correlation coefficient for MSA < 0.995.
- SCG listed in Table 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P409U	P409S	P409D	P501U	P501S
Date Collected	09/02/93	09/02/93	09/02/93	08/27/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	771 E	1230 E	1320 E	91000	243
Antimony	34.5 B			31.2 B	
Arsenic	2.5 B	5 B	1 B	123 S	
Barium	267	22.7 B	14.9 B	5790	32.1 B
Beryllium					
Cadmium				58.3	
Calcium	121000 E	41000 E	8010 E	330000	28500 E
Chromium	22.5 *	5.5 B*	5.1 B*	689	
Cobalt	15.2 B			101	
Copper	12.3 B	11.4 B	19.4 B	1720	12.8 B
Iron	24500 E	6590 E	4940 E	1170000 N*	4840 E
Lead	12.1	6.3	9.7	16600	2 B*
Magnesium	87600 E	66500 E	4820 BE	239000	46800
Manganese	124 E	235 E	84.8 E	7530 E	308 E
Mercury				13.7	
Nickel	9.6 B	11.9 B		475	
Potassium	137000	28000	2070 B	173000	13400
Silver	3.2 B			73.9	
Sodium	314000 E	749000 E	38000 E	585000	378000
Thallium					1.7 BN
Vanadium	19 B	27.9 B		460	
Zinc	36	24.6	42.4	11200	13.1 B
Cyanide	152				

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S - The reported value was determined by the Method of Standard Additions (MSA).
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-501D	HP-502A	HP-503U	HP-503S	HP-503D
Sample ID	P501D	P502	P503U	P503S	P503D
Date Collected	08/26/93	08/18/93	08/27/93	08/27/93	08/27/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	119 B	2130	205	1070	451
Antimony	30.1 B	36.4 B			
Arsenic		5.3 B	5.5 B		
Barium	269	1060	1200	74.7 B	
Beryllium					
Cadmium			3.8 B		
Calcium	143000 E	90700	141000	36100	10400
Chromium		31.8	19.7		
Cobalt		12 B	12.3 B		
Copper	13.2 B	51.6	6.3 B	6.5 B	
Iron	14600 E	26600	17700 N*	2750 N*	1490 N*
Lead		238 *	20.5	3.6	3.3
Magnesium	334000	164000	178000	34400	9360
Manganese	467 E	152	257 E	479 E	91.7 E
Mercury					
Nickel		13 B	16 B		
Potassium	100000	174000	122000	16200	2640 B
Silver			3.2 B		
Sodium	3090000	1190000	686000	551000	78100
Thallium	1.2 BNW				
Vanadium		25.3 B	10.9 B	9.8 B	
Zinc		216 E	37.6	41.2	30.7
Cyanide					

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-602	HP-603U	HP-604	HP-HPS	HP-OW-1A ↓
Sample ID	P602	P603U	P604	PHPS	POW1A
Date Collected	08/17/93	08/07/93	08/05/93	08/19/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	363	1740	7490	142000	437
Antimony					
Arsenic	2.3 B	4.3 B	1.6 B	51.1 S	
Barium	677	227	726	825	483
Beryllium					
Cadmium				11.5	
Calcium	59500	159000	130000	94400	202000
Chromium	92.6	9.5 B*	17.1 *	285	13.3
Cobalt	34.9 B	8.6 B	10.1 B	86.4	20.5 B
Copper	10.3 B	12.5 B	34.7	235	
Iron	26600	26000	33800	692000	7510
Lead	57.7 S*	7.2 N	98 N	123 *	3.9
Magnesium	56600	55500	77800	176000	143000
Manganese	136	329	485	1700	161
Mercury					
Nickel	51	9.5 B	24 B	225	14.3 B
Potassium	389000	59100	77800	196000	152000
Silver					
Sodium	1130000	142000	492000	989000	722000
Thallium				7.5 BN	
Vanadium	58	24.6 B	40.3 B	342	25.3 B
Zinc	50.1 E	31.5 E	68.8 E	320 E	39.5
Cyanide		60			

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC PARAMETERS ANALYSIS REPORT

Well ID	HP-OW-2A	HP-OW-3A	HP-OW-4A	HP-OW-5A	HP-OW-6A
Sample ID	POW2A	POW3A	POW4A	POW5A	POW6A
Date Collected	08/12/93	08/12/93	08/12/93	08/12/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	128 B	59.8 B	175 B	8240	5200
Antimony					
Arsenic	6 BS	7.6 BS	6.6 B	10.8	5.2 B
Barium	154 B	934	285	318	479
Beryllium					
Cadmium					
Calcium	46100 E	332000 E	211000 E	222000 E	146000
Chromium	34.8	15.6	13.6	45	22.2
Cobalt	50.8	10.6 B	7.4 B	22.5 B	9.8 B
Copper	26.6	23.7 B	22.4 B	54.9	25.3
Iron	6970 E	389 E	20100 E	29900 E	35500
Lead	1.7 BW	1.9 B*	3.2 *	49.7 S*	31.9
Magnesium	133000	218000	174000	179000	52400
Manganese	57.6 E	393 E	433 E	416 E	555
Mercury					
Nickel	40.6	18.1 B		36 B	9.6 B
Potassium	277000	119000	110000	115000	61300
Silver					
Sodium	1290000	534000	465000	624000	170000
Thallium					1.1 B
Vanadium	37.2 B	28.6 B	18.5 B	59.4	31.4 B
Zinc	38.5	42.6	46.8	130	59.9 *
Cyanide	32	73.5	87.5	34.8	

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	PH-1	HP-BPS	HP-BPD	HP-BPU	HP-101U
Sample ID	PH1	BPS	BPD	BPU	P101U
Date Collected	09/09/93	09/23/93	09/23/93	09/24/93	08/03/93
Sample Type	Hydrantwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	26	300	37.6	582	715
Ammonia-Nitrogen	0.06	17.7	0.18	7.97	10.3
Chloride	9.8	154	27.7	79.8	875
Hardness	27.2	236	24	963	542
Nitrate-Nitrogen	0.15		0.13		
Phenols	R	0.005	0.009	0.011	0.035
Sulfate		37.5	14.4	84	
Total Dissolved Solids		601	108	1530	1750
Total Kjeldahl Nitrogen	0.16	0.55	6.66	11.5	44.3

Only detected results reported.
All results reported in mg/l.
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R - Data rejected due to ASP holding time violation
▒▒▒▒ - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-101S	HP-101D	HP-102U	HP-102S	HP-102D
Sample ID	P101S	P101D	P102UA	P102S	P102D
Date Collected	08/03/93	08/03/93	08/19/93	08/19/93	08/19/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	885	461	2970	2870	40.8
Ammonia-Nitrogen	7.2	12.2	314	382	2.07
Chloride	5400	15900	1620	2360	2290
Hardness	852	1000	1120	946	922
Nitrate-Nitrogen		18.5			0.17
Phenols	0.011	0.009	0.196	0.059	0.007
Sulfate	375	361	119	107	256
Total Dissolved Solids	10000	24600	5010	5370	4280
Total Kjeldahl Nitrogen	10	15.5	934	316	16.2

Only detected results reported.
All results reported in mg/l.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-103U	HP-103S	HP-103D	HP-104A	HP-105A
Sample ID	P103U	P103S	P103D	P104A	P105A
Date Collected	08/08/93	08/08/93	08/08/93	08/07/93	08/07/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	1040	1720	935	1360	2660
Ammonia-Nitrogen	61.8	124	37.2	94.2	107
Chloride	122	5130	148	152	211
Hardness	721	1500	700	1090	567
Nitrate-Nitrogen		0.26	14.7		
Phenols	0.011	0.021	0.014	0.033	0.018
Sulfate		325	10.3	19.8	14
Total Dissolved Solids	1120	8870	1140	1330	2590
Total Kjeldahl Nitrogen	76.5	184	93.6	240	652

Only detected results reported.
All results reported in mg/l.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-106	HP-107A	HP-201U	HP-201S	HP-203S
Sample ID	P106	P107A	P201U	P201S	P203S
Date Collected	08/09/93	08/10/93	08/17/93	08/16/93	08/05/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	R		2100	254	1510
Ammonia-Nitrogen	182	70.8	116	61.5	113
Chloride	406	212	933	5270	804
Hardness	542	1120	1340	1940	1050
Nitrate-Nitrogen		0.8			0.2
Phenols	0.062	0.031	0.058	0.054	0.013
Sulfate	12.3	176		661	21.4
Total Dissolved Solids	2500	1940	3780	11400	2360
Total Kjeldahl Nitrogen	276	74.9	1970	36.8	195

Only detected results reported.
All results reported in mg/l.
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[shaded] - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-203U	HP-204	HP-301U	HP-302	HP-303
Sample ID	P203U	P204	P301U	P302	P303
Date Collected	08/05/93	08/10/93	08/25/93	08/11/93	08/11/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	1540	R	2220	R	R
Ammonia-Nitrogen	119	16.9	72	103	44.4
Chloride	155	1520	764	257	461
Hardness	830	372	1380	1190	1330
Nitrate-Nitrogen		0.26			
Phenols	0.016	0.045	0.256	0.048	0.074
Sulfate	11.9	144			
Total Dissolved Solids	1490	1970	3280	1960	2280
Total Kjeldahl Nitrogen	292	18.4		129	46.4

Only detected results reported.
All results reported in mg/l.
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[redacted] - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-304	HP-306	HP-307A	HP-308	HP-309
Sample ID	P304	P306	P307A	P308	P309
Date Collected	08/11/93	08/09/93	08/09/93	08/18/93	08/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	1510	R	R	2060	1650
Ammonia-Nitrogen	43.5	289	162	238	340
Chloride	55.7	578	207	748	946
Hardness	1560	540	880	646	748
Nitrate-Nitrogen	0.12				
Phenols	0.119	0.038	0.023	0.121	0.041
Sulfate	14	14.4		968	
Total Dissolved Solids	1440	3670	1910	1850	3480
Total Kjeldahl Nitrogen	64.5	453	268	285	237

Only detected results reported.
All results reported in mg/l.
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[shaded] - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-310	HP-312	HP-313	HP-314	HP-316
Sample ID	P310A	P312	P313	P314	P316A
Date Collected	08/18/93	08/19/93	08/10/93	08/10/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	2190	2320	R	R	R
Ammonia-Nitrogen	72.6	141	62.4	85	69.8
Chloride	1670	934	199	346	430
Hardness	1460	1270	1290	926	706
Nitrate-Nitrogen					
Phenols	0.143	0.348	0.036	0.064	0.037
Sulfate	6.17	3.29	90.1	10.7	
Total Dissolved Solids	3640	3700	2260	1640	1080
Total Kjeldahl Nitrogen	93.6	134	64.5	92.3	90.6

Only detected results reported.
All results reported in mg/l.
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R - Data rejected due to ASP holding time violation
[redacted] - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-317	HP-318	HP-319	HP-320	HP-401S
Sample ID	P317A	P318	P319	P320A	P401S
Date Collected	08/11/93	08/11/93	08/12/93	08/19/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	R	R	3080	389	84
Ammonia-Nitrogen	80.8	110	26.8	9.99	1.92
Chloride	174	574	342	11600	1840
Hardness	1120	1410	1540	3620	619
Nitrate-Nitrogen					
Phenols	0.082	0.024	0.19	0.496	0.013
Sulfate		28	184	1470	259
Total Dissolved Solids	1710	2750	3040	21600	3480
Total Kjeldahl Nitrogen	89.1	128	32.6	14.5	2.27

Only detected results reported.
All results reported in mg/l.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-401U	HP-401D	HP-402	HP-404	HP-406U
Sample ID	P401U	P401D	P402	P404	P406U
Date Collected	08/25/93	08/26/93	08/18/93	08/19/93	08/06/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	1880	56.4	2530	2210	1080
Ammonia-Nitrogen	163	0.52	130	54.8	93.9
Chloride	330	2880	971	493	282
Hardness	1020	1000	1370	1520	677
Nitrate-Nitrogen					
Phenols	0.03	0.011	0.186	0.138	0.046
Sulfate	12.3	340	71.2	15.2	21
Total Dissolved Solids	1880	5060	3710	3100	1350
Total Kjeldahl Nitrogen		0.98	465	128	260

Only detected results reported.
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-406S	HP-406D	HP-407U	HP-407S	HP-407D
Sample ID	P406S	P406D	P407U	P407S	P407D
Date Collected	08/06/93	08/06/93	08/04/93	08/04/93	08/03/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	186	29.9	2640	399	73.6
Ammonia-Nitrogen	0.27		244	1.39	0.39
Chloride	3140	26	564	5120	2090
Hardness	789	42	880	1680	602
Nitrate-Nitrogen	0.2	0.16			0.19
Phenols	0.006		0.022	0.009	
Sulfate	294	15.2		478	208
Total Dissolved Solids	4370	100	2940	8510	3060
Total Kjeldahl Nitrogen	24	0.78	741	0.8	0.75

Only detected results reported.
All results reported in mg/l.
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[redacted] - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P409U	P409S	P409D	P501U	P501S
Date Collected	09/02/93	09/02/93	09/02/93	08/27/93	08/26/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	1990	110	28.7	2450	38.6
Ammonia-Nitrogen	240	5.55	0.18	110	0.13
Chloride	304	1290	134	567	864
Hardness	759	334	38.2	1190	289
Nitrate-Nitrogen		0.12	0.27		0.16
Phenols	0.031	0.015		0.09	0.005
Sulfate		161	14.4	10.7	95.9
Total Dissolved Solids	1720	2280	138	3370	1470
Total Kjeldahl Nitrogen	402	4.29	0.24	> 103	0.31

Only detected results reported.
All results reported in mg/l.
N - Spiked sample recovery not within control limits.
R - Data rejected due to ASP holding time violation.
> - Value reported is at the limits of quantitation due to sample size limitation.
- SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-501D	HP-502A	HP-503U	HP-503S	HP-503D
Sample ID	P501D	P502A	P503U	P503S	P503D
Date Collected	08/26/93	08/18/93	08/27/93	08/27/93	08/27/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	168	2410	2120	81.2	27.7
Ammonia-Nitrogen	1.11	290	105	1.31	0.14
Chloride	6260	1830	1060	1120	1140
Hardness	1940	983	1200	293	66.8
Nitrate-Nitrogen					0.18
Phenols	0.01	0.051	0.177	0.007	0.008
Sulfate	689			220	23
Total Dissolved Solids	10400	4820	3710	2030	329
Total Kjeldahl Nitrogen	0.85	319	90.9	2.04	> 0.34

Only detected results reported.
All results reported in mg/l.
N - Spiked sample recovery not within control limits.
R - Data rejected due to ASP holding time violation.
> - Value reported is at the limits of quantitation due to sample size limitation.
[shaded] - SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-602U	HP-603U	HP-604	HP-HP5	HP-OW-1A
Sample ID	P602	P603U	P604	PHP5	POW1A
Date Collected	08/17/93	08/07/93	08/05/93	08/19/93	08/12/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	4060	1450	1310	2120	2480
Ammonia-Nitrogen	639	80.8	144	264	208
Chloride	1260	164	936	1650	982
Hardness	454	652	665	880	1210
Nitrate-Nitrogen				0.16	
Phenols	0.051	0.026	0.017	0.103	0.069
Sulfate	4.53	11.5	12.8	78.6	62.6
Total Dissolved Solids	4780	1230	2310	3930	3700
Total Kjeldahl Nitrogen	770	230	182	750	622

Only detected results reported.
All results reported in mg/l.
N - Spiked sample recovery not within control limits.
R - Data rejected due to ASP holding time violation.
- SCG listed in Table 4-1 exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
FIRST ROUND GROUNDWATER ANALYSIS REPORT
WATER QUALITY PARAMETERS ANALYSIS REPORT

Well ID	HP-OW-2A	HP-OW-3A	HP-OW-4A	HP-OW-5A	HP-OW-6A
Sample ID	POW2A	POW3A	POW4A	POW5A	POW6A
Date Collected	08/12/93	08/12/93	08/12/93	08/12/93	08/10/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	3420	2390	1980	2610	R
Ammonia-Nitrogen	517	68.6	64.1	155	118
Chloride	1880	857	563	726	148
Hardness	755	2020	1340	1320	655
Nitrate-Nitrogen					
Phenols	0.059	0.189	0.161	0.159	0.015
Sulfate	30.5	148	129	59.7	24.3
Total Dissolved Solids	5130	4080	3100	3780	1210
Total Kjeldahl Nitrogen	335	85.3	92.2	142	97.9

Only detected results reported.
All results reported in mg/l.
N - Spiked sample recovery not within control limits.
R - Data rejected due to ASP holding time violation.
< - Value reported is at the limits of quantitation due to sample size limitation. 35331/wquali-a/mjh
[redacted] - SCG listed in Table 4-1 exceeded. 04/29/94

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	BPU	BPS	BPD	HP-101U	HP-101S	HP-102U	HP-102S
Sample ID	P2-BPU	P2-BPS	P2-BPD	P2-101U	P2-101S	P2-102U	P2-102S
Date Collected	12/12/93	12/12/93	12/12/93	12/12/93	12/12/93	12/15/93	12/15/93
Date Received	12/13/93	12/13/93	12/13/93	12/13/93	12/13/93	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Methylene Chloride						R	R
Acetone	R	R	R	R		R	R
1,1-Dichloroethene	R	R					
1,1-Dichloroethane							
1,2-Dichloroethene (total)							
Chloroform							
1,2-Dichloroethane							
2-Butanone							
Benzene	2 J	2 J				17	49
Toluene	2 J	2 J					12
Chlorobenzene	2 J					22	44
Ethylbenzene						1 J	76
Styrene							
Xylene (total)		3 J				3 J	81
Isopropylether						33	620 E

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

E - Compound exceeded linear range of calibration.

R - Compund rejected due to contamination in one or more of the QC blanks.

- SCG listed in 4-1 is exceeded.

1/35332/qp/C360B42.WB1/jn
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Well ID	HP-103U	HP-103S	HP-103D	HP-104A	HP-106	HP-201U	HP-201S
Sample ID	P2-103U	P2-103S	P2-103D	P2-104A	P2-106	P2-201U	P2-201S
Date Collected	12/15/93	12/15/93	12/15/93	12/16/93	12/13/93	12/16/93	12/16/93
Date Received	12/16/93	12/16/93	12/16/93	12/17/93	12/14/93	12/17/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Methylene Chloride	R	R	R	R	R	21 J	R
Acetone	R	R	R	9 J	R	240	R
1,1-Dichloroethene							
1,1-Dichloroethane							
1,2-Dichloroethene (total)							
Chloroform							
1,2-Dichloroethane							
2-Butanone							
Benzene	0.8 J	7 J	1 J	1 J	400	840	24
Toluene	0.3 J						
Chlorobenzene	6 J	3 J	12	18	750	990	24
Ethylbenzene						280	4 J
Styrene							
Xylene (total)				5 J		100 J	1 J
Isopropylether	20	220	53	44	440	4100	100

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compund rejected due to contamination in one or more of the QC blanks.

- SCG listed in 4-1 is exceeded.

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Sample ID	HP-203U	HP-203S	HP-204S	HP-304	HP-307U	HP-318	HP-401U
Sample ID	P2-203U	P2-203S	P2-204S	P2-304	P2-307U	P2-318	P2-401U
Date Collected	12/13/93	12/13/93	12/16/93	12/14/93	12/16/93	12/13/93	12/13/93
Date Received	12/14/93	12/14/93	12/17/93	12/15/93	12/17/93	12/14/93	12/14/93
Sample Type	Groundwater	Groundwater	Groundwat	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Methylene Chloride	R		R		R		
Acetone	R	R	R	R	55	R	R
1,1-Dichloroethene							
1,1-Dichloroethane							
1,2-Dichloroethene (total)							
Chloroform							
1,2-Dichloroethane							
2-Butanone					8 J		
Benzene	2 J			12	7 J	2 J	150
Toluene							
Chlorobenzene	10			49	45	26	67
Ethylbenzene							
Styrene							
Xylene (total)							
Isopropylether	51	12	3 J	1800 E	580 E	750 E	1800 E

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compund rejected due to contamination in one or more of the QC blanks.

E - Compound exceeded linear range of calibration.

- SCG listed in 4-1 is exceeded.

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Sample ID	HP-401S	HP-401D	HP-406U	HP-406S	HP-406D	HP-407U	HP-407S
Sample ID	P2-401S	P2-401D	P2-406U	P2-406S	P2-406D	P2-407U	P2-407S
Date Collected	12/13/93	12/13/93	12/13/93	12/13/93	12/13/93	12/12/93	12/12/93
Date Received	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/13/93	12/13/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Methylene Chloride		R					
Acetone	R	R	R	R	R	R	R
1,1-Dichloroethene							
1,1-Dichloroethane							
1,2-Dichloroethene (total)						R	
Chloroform		7 J			17		
1,2-Dichloroethane							
2-Butanone							
Benzene			26			11	
Toluene						2 J	
Chlorobenzene			62			11	
Ethylbenzene							0.8
Styrene							0.8
Xylene (total)							3 J
Isopropylether			80			56	3 J

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compound rejected due to contamination in one or more of the QC blanks.

- SCG listed in 4-1 is exceeded.

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Sample ID	HP-407D	HP-409U	HP-409S	HP-501U	HP-501S	HP-501D	HP-503U
Sample ID	P2-407D	P2-409U	P2-409S	P2-501U	P2-501S	P2-501D	P2-503U
Date Collected	12/12/93	12/16/93	12/16/93	12/15/93	12/15/93	12/15/93	12/15/93
Date Received	12/13/93	12/17/93	12/17/93	12/16/93	12/16/93	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Compound							
Methylene Chloride	R	R			R	R	R
Acetone		8 J	7 J		R		220
1,1-Dichloroethene							
1,1-Dichloroethane	120						
1,2-Dichloroethene (total)	140						
Chloroform			6 J		8 J		
1,2-Dichloroethane						3 J	
2-Butanone							
Benzene		4 J		47			670
Toluene				1 J			
Chlorobenzene		30		320			410
Ethylbenzene				2 J			37 J
Styrene							
Xylene (total)		2 J		3 J			13 J
Isopropylether		350	2 J	460			2800

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compund rejected due to contamination in one or more of the QC blanks.

- SCG listed in 4-1 is exceeded.

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
VOLATILE ANALYSIS REPORT

Sample ID	HP-503S	HP-503D	HP-OW6A
Sample ID	P2-503S	P2-503D	P2-OW6A
Date Collected	12/15/93	12/15/93	12/15/93
Date Received	12/16/93	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid
Compound			
Methylene Chloride	R	R	R
Acetone		R	R
1,1-Dichloroethene			
1,1-Dichloroethane			
1,2-Dichloroethene (total)			
Chloroform	6 J	20	
1,2-Dichloroethane			
2-Butanone			
Benzene			6 J
Toluene	0.6 J		
Chlorobenzene			10
Ethylbenzene			
Styrene			
Xylene (total)			
Isopropylether			460 E

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

E - Compound exceeded linear range of calibration.

R - Compund rejected due to contamination in one or more of the QC blanks.

- SCG listed in 4-1 is exceeded.

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	BP-U	BP-S	BP-D	HP-101U	HP-102U
Sample ID	P2-BPU	P2-BPS	P2-BPD	P2-101U	P2-102U
Date Collected	12/12/93	12/12/93	12/12/93	12/12/93	12/15/93
Date Received	12/13/93	12/13/93	12/13/93	12/13/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol			0.8 J		
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					1 J
1,2-Dichlorobenzene					1 J
4-Methylphenol					
2,4-Dimethylphenol					0.4 J
Naphthalene					0.6 J
2-Methylnaphthalene					2 J
Acenaphthylene					
Acenaphthene					2 J
Dibenzofuran					0.6 J
Diethylphthalate	R	R	R	R	R
Fluorene					0.3 J
N-Nitrosodiphenylamine					0.8 J
Phenanthrene					0.2 J
Anthracene	0.2 J				0.2 J
Carbazole					
Di-n-butylphthalate	R	R	R	R	R
Fluoranthene	0.2 J				
Pyrene	0.2 J				0.1 J
Butylbenzylphthalate		0.4 J			
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	R	R	R
Di-n-octylphthalate					1 J
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compound rejected due to contamination in one or more of the QC blanks.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-103U	HP-104A	HP-106	HP-201U	HP-201S
Sample ID	P2-103U	P2-104A	P2-106	P2-201U	P2-201S
Date Collected	12/15/93	12/16/93	12/13/93	12/16/93	12/16/93
Date Received	12/16/93	12/17/93	12/14/93	12/17/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene	2 J	4 J	16 J	350 J	2 J
1,2-Dichlorobenzene				1000 J	
4-Methylphenol					
2,4-Dimethylphenol					
Naphthalene		0.6 J	190	8700	10 J
2-Methylnaphthalene		3 J	28 J	10000	4 J
Acenaphthylene					
Acenaphthene	0.7 J			910 J	1 J
Dibenzofuran	0.2 J		4 J		0.4 J
Diethylphthalate	R	R			
Fluorene	0.3 J			1600 J	
N-Nitrosodiphenylamine	0.6 J		93	18000	38
Phenanthrene			4 J	3100	1 J
Anthracene		0.2 J	3 J	280 J	
Carbazole					1 J
Di-n-butylphthalate	R	R			
Fluoranthene				2600	1 J
Pyrene	0.2 J			1500 J	0.7 J
Butylbenzylphthalate					0.9 J
Benzo(a)anthracene					
Chrysene					0.4 J
bis(2-Ethylhexyl)phthalate	R	R	R	8500 B	20 B
Di-n-octylphthalate	0.3 J	1 J			0.9 J
Benzo(b)fluoranthene				600 J	
Benzo(k)fluoranthene				340 J	
Benzo(a)pyrene					

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

B - Compound detected in associated method blank.

R - Compound rejected due to contamination in one or more of the QC blanks.

- SCG listed in 4-1 is exceeded.

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-203U	HP-203U RE	HP-204S	HP-304	HP-307U
Sample ID	P2-203U	P2-203U RE	P2-204S	P2-304	P2-307U
Date Collected	12/13/93	12/13/93	12/16/93	12/14/93	12/16/93
Date Received	12/14/93	12/14/93	12/17/93	12/15/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene	3 J	2 J		4 J	4 J
1,2-Dichlorobenzene					
4-Methylphenol					60
2,4-Dimethylphenol					
Naphthalene	1 J	0.7 J	0.2 J	3 JB	5 J
2-Methylnaphthalene	2 J	0.6 J		2 J	10 J
Acenaphthylene				1 J	
Acenaphthene	0.8 J			13	
Dibenzofuran				9 J	
Diethylphthalate	R		R	R	
Fluorene	0.5 J			8 J	0.8 J
N-Nitrosodiphenylamine					2 J
Phenanthrene				4 J	1 J
Anthracene	0.4 J	0.2 J		8 J	1 J
Carbazole				5 J	
Di-n-butylphthalate	R	R	R		R
Fluoranthene				14	0.4 J
Pyrene				13	0.3 J
Butylbenzylphthalate		R			
Benzo(a)anthracene				4 J	
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	R	R	R
Di-n-octylphthalate		R	0.3 J		0.7 J
Benzo(b)fluoranthene				3 J	
Benzo(k)fluoranthene				3 J	
Benzo(a)pyrene				3 J	

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

B - Compound detected in associated method blank.

R - Compound rejected due to contamination in one or more of the QC blanks.

RE - Reanalysis due to quality control outliers.

- SCG listed in 4-1 is exceeded.

1/35332/qp/psemi.wb1/jn

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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-318	HP-401U	HP-406U	HP-407U	HP-407U RE
Sample ID	P2-318	P2-401U	P2-406U	P2-407U	P2-407U RE
Date Collected	12/13/93	12/13/93	12/13/93	12/12/93	12/12/93
Date Received	12/14/93	12/14/93	12/14/93	12/13/93	12/13/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene	4 J	4 J	4 J	3 J	3 J
1,2-Dichlorobenzene					
4-Methylphenol					
2,4-Dimethylphenol					
Naphthalene	0.5 J	2 J	3 J	3 J	3 J
2-Methylnaphthalene	11	8 J	3 J	4 J	4 J
Acenaphthylene					
Acenaphthene	14	2 J		2 J	2 J
Dibenzofuran	5 J				0.4 J
Diethylphthalate			R		
Fluorene	3 J		0.6 J		0.5 J
N-Nitrosodiphenylamine		20	1 J		
Phenanthrene			0.6 J		
Anthracene	1 J	2 J		4 J	4 J
Carbazole		3 J			
Di-n-butylphthalate	R		R	R	R
Fluoranthene			0.3 J		
Pyrene					
Butylbenzylphthalate					
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	R	R	R
Di-n-octylphthalate					
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compound rejected due to contamination in one or more of the QC blanks.

RE - Reanalysis due to quality control outliers.

- SCG listed in 4-1 is exceeded.

1/35332/qp/psemi.wb1/jn
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TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
SEMIVOLATILE ANALYSIS REPORT

Well ID	HP-409U	HP-409U RE	HP-501U	HP-503U	HP-OW6A
Sample ID	P2-409U	P2-409U RE	P2-501U	P2-503U	P2-OW6A
Date Collected	12/16/93	12/16/93	12/16/93	12/15/93	12/15/93
Date Received	12/17/93	12/17/93	12/17/93	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Phenol					
1,3-Dichlorobenzene				6 J	
1,4-Dichlorobenzene	5 J	5 J	3 J	35 J	3 J
1,2-Dichlorobenzene			8 J		
4-Methylphenol					
2,4-Dimethylphenol					
Naphthalene	3 J	3 J	220	55 J	0.3 J
2-Methylnaphthalene	38	40	31 J	100	2 J
Acenaphthylene					
Acenaphthene	14	13	41 J	45 J	
Dibenzofuran	6 J	6 J	6 J	26 J	
Diethylphthalate					R
Fluorene	7 J	6 J	11 J		
N-Nitrosodiphenylamine	2 J	2 J			0.6 J
Phenanthrene	5 J	5 J	10 J	33 J	
Anthracene	0.8 J	0.8 J	4 J	9 J	0.2 J
Carbazole					
Di-n-butylphthalate	R	R			R
Fluoranthene	0.6 J	0.6 J	4 J	10 J	
Pyrene	0.4 J	0.4 J	2 J	5 J	
Butylbenzylphthalate					
Benzo(a)anthracene					
Chrysene					
bis(2-Ethylhexyl)phthalate	R	R	R	R	R
Di-n-octylphthalate	1 J	1 J			
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Benzo(a)pyrene					

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

R - Compound rejected due to contamination in one or more of the QC blanks.

RE - Reanalysis due to quality control outliers.

- SCG listed in 4-1 is exceeded.

1/35332/qp/psemi.wb1/jn
04/05/94
10:29

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
PESTICIDE/PCB ANALYSIS REPORT

Well ID	BP-U	BP-S	BP-D	HP-102U	HP-104A
Sample ID	P2-BPU	P2-BPS	P2-BPD	P2-102U	P2-104A
Date Collected	12/12/93	12/12/93	12/12/93	12/15/93	12/16/93
Date Received	12/13/93	12/13/93	12/13/93	12/16/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
gamma-BHC (Lindane)					
Aldrin					
Dieldrin					
4,4'-DDE					
Endosulfan II					
4,4'-DDD					
Endosulfan Sulfate					
4,4'-DDT					
gamma-Chlordane					0.03 JP
Aroclor-1242					
Aroclor-1248					
Aroclor-1254					
Aroclor-1260					

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

P - Percent difference between two GC columns is > 25%; lower of the two values is reported.

1/35332/qp/PPEST42.WB1/jn
04/05/94
10:40

TABLE 4-5
ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-106	HP-201U	HP-304	HP-307U	HP-318
Sample ID	P2-106	P2-201U	P2-304	P2-307U	P2-318
Date Collected	12/13/93	12/16/93	12/14/93	12/16/93	12/13/93
Date Received	12/14/93	12/17/93	12/15/93	12/17/93	12/14/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
gamma-BHC (Lindane)				0.009 JP	
Aldrin		15 P	0.07 P		
Dieldrin	0.02 JP				
4,4'-DDE					
Endosulfan II				0.02 JP	
4,4'-DDD		14 P	0.1 P		
Endosulfan Sulfate			0.04 JP		
4,4'-DDT	0.02 JP	6.2 P	0.07 JP		0.009 JP
gamma-Chlordane		6.3 P	0.05		
Aroclor-1242			1.9		
Aroclor-1248		310 P			
Aroclor-1254		300			
Aroclor-1260		210 P			

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

P - Percent difference between two GC columns is > 25%; lower of the two values is reported.

- SCG listed in 4-1 is exceeded.

J\35331\qp\PPEST42.WB1\jn
04/30/94
12:17

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-401U	HP-401S	HP-401D	HP-409U	HP-501U
Sample ID	P2-401U	P2-401S	P2-401D	P2-409U	P2-501U
Date Collected	12/13/93	12/13/93	12/13/93	12/16/93	12/16/93
Date Received	12/14/93	12/14/93	12/14/93	12/17/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
gamma-BHC (Lindane)					
Aldrin					
Dieldrin					0.17 P
4,4'-DDE					0.04 JP
Endosulfan II					
4,4'-DDD		0.02 JP			
Endosulfan Sulfate	0.01 J				0.04 J
4,4'-DDT	0.01 JP	0.04 J			
gamma-Chlordane				0.03 J	
Aroclor-1242					
Aroclor-1248					
Aroclor-1254					
Aroclor-1260					

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

P - Percent difference between two GC columns is > 25%; lower of the two values is reported.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PPEST42.WB1/jn
04/05/94
10:40

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
PESTICIDE/PCB ANALYSIS REPORT

Well ID	HP-503U	HP-OW6A
Sample ID	P2-503U	P2-OW6A
Date Collected	12/15/93	12/15/93
Date Received	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater
Matrix	Liquid	Liquid
Compound		
gamma-BHC (Lindane)		
Aldrin		
Dieldrin		
4,4'-DDE		
Endosulfan II		
4,4'-DDD		
Endosulfan Sulfate		
4,4'-DDT	0.06 JP	
gamma-Chlordane		
Aroclor-1242		
Aroclor-1248	2.3 P	
Aroclor-1254	2.3	
Aroclor-1260	1.1 P	

Only detected results reported.

All results reported in ug/l.

J - Indicates the result is < sample quantitation limit but > 0.

P - Percent difference between two GC columns is > 25%; lower of the two values is reported.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PPEST42.WB1/jn
04/05/94
10:40

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	BP-U	BP-S	BP-D	HP-101U	HP-101S
Sample ID	P2-BPU	P2-BPS	P2-BPD	P2-101U	P2-101S
Date Collected	12/12/93	12/12/93	12/12/93	12/12/93	12/12/93
Date Received	12/13/93	12/13/93	12/13/93	12/13/93	12/13/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	1800	293	593	1430	68.1 B
Antimony					
Arsenic	2.3 B		1.7 B	2 B	12.3
Barium	84.2 B	35.4 B	22.2 B	121 B	408
Beryllium					
Cadmium				11.2 *	4.2 B*
Calcium	353000	34700	12200	132000	128000
Chromium					
Cobalt					5.4 B
Copper	13.3 B	3.6 B	6.8 B	168	23.4 B
Iron	27000	1710	11700	5030	60600
Lead	22.6 N	1.3 BN	6.4 N	138 N	17.6 N
Magnesium	59100	78500	10200	8870	9700
Manganese	866	142	327	38.8	2350
Mercury					
Nickel				26.6 B	34.5 B
Potassium	24600	48200	13200	3470 B	3260 B
Selenium					1 BN
Silver					
Sodium	140000	156000	202000	85100	41200
Vanadium	23.2 B			13.5 B	71.5
Zinc	39.8	32.7	38.8	734	1870
Cyanide					

Only detected results reported.
All results reported in ug/l.
* - Duplicate analysis not within control limits.
N - Spiked sample recovery not within control limits.
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
B - The reported value is < the quantitation limit, but > or = to instrument detection limit.
- SCG listed in 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	HP-102U	HP-102S	HP-103U	HP-103S	HP-104A
Sample ID	P2-102U	P2-102S	P2-103U	P2-103S	P2-104A
Date Collected	12/15/93	12/15/93	12/15/93	12/15/93	12/16/93
Date Received	12/16/93	12/16/93	12/16/93	12/16/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	280	92.3 B	2600	114 B	2320
Antimony				54.1 B	36.9 B
Arsenic		3.3 B		1.2 B	2.7 BW
Barium	50.4 BE	250 E	268 E	116 BE	371 E
Beryllium					
Cadmium			2 B	5.1	2.8 B
Calcium	92200 E	35900 E	130000 E	130000 E	155000 E
Chromium		26.6		7.2 B	18.5
Cobalt	3.9 B	32.6 B	4.4 B	14.8 B	9 B
Copper	43.7		309	33.2	15.5 B
Iron	1310 E	6560 E	8420 E	9890 E	29700 E
Lead	6.8 N*	19.7 N*	11 N*	R	55.7 NS*
Magnesium	36000	120000	17900	257000	131000
Manganese	112 E	67.3 E	342 E	424 E	297 E
Mercury					
Nickel	21 B	27.3 B	16.8 B	16.6 B	17.5 B
Potassium	35900	223000	13500	176000	57000
Selenium					1.5 BNW
Silver					
Sodium	282000	1210000	52600	4360 B	151000
Vanadium	23.4 B	47.9 B	9.9 B		26.4 B
Zinc	81.6	8.4 B	92.6		97
Cyanide	59.8	146	15.7	264	

Only detected results reported.

All results reported in ug/l.

* - Duplicate analysis not within control limits.

+ - Correlation coefficient for the MSA is < 0.995.

N - Spiked sample recovery not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.

B - The reported value is < the quantitation limit, but > or = to instrument detection limit.

E - The reported value is estimated because of the presence of interference.

R - The correlation coefficient for the MSA < 0.990

- SCG listed in 4-1 is exceeded.

1/35332/qp/PMET42.WB1/jn
04/05/94
10:52

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	HP-106	HP-201U	HP-201S	HP-203U	HP-203S
Sample ID	P2-106	P2-201U	P2-201S	P2-203U	P2-203S
Date Collected	12/13/93	12/16/93	12/16/93	12/13/93	12/13/93
Date Received	12/14/93	12/17/93	12/17/93	12/14/93	12/14/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	164 B	802	74.9 B	28.1 B	32.9 B
Antimony		36.5 B	33.3 B		38.8 B
Arsenic	3.2 BW	17.9			
Barium	530 E	670 E	190 B	523 E	359 E
Beryllium					
Cadmium		3.1 B	2.8 B		
Calcium	76000 E	169000 E	155000	191000 E	124000 E
Chromium	28.2	24.7			
Cobalt	15.2 B	12.9 B		7.9 B	
Copper	8.1 B	20 B	20.4 B	4 B	10.7 B
Iron	19100 E	19600 E	18000	25900 E	18800 E
Lead	44	152 N*	27.5	1.4 BW	4.7
Magnesium	70700 E	190000	325000	115000 E	203000 E
Manganese	52.9	334 E	625	216	221
Mercury					
Nickel		34.7 B			
Potassium	122000	137000	91600	77900	82300
Selenium		1.5 BN			
Silver					
Sodium	486000	714000	3010000	161000	2130000
Vanadium	13.9 B	33.7 B	7.1 B	7.5 B	9.1 B
Zinc	87.8	104		24	
Cyanide	23.4	57.4			

Only detected results reported.

All results reported in ug/l.

* - Duplicate analysis not within control limits.

N - Spiked sample recovery not within control limits.

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.

B - The reported value is < the quantitation limit, but > or = to instrument detection limit.

E - The reported value is estimated because of the presence of interference.

- SCG listed in 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	HP-204S	HP-304	HP-307U	HP-318	HP-401U
Sample ID	P2-204S	P2-304	P2-307U	P2-318	P2-401U
Date Collected	12/16/93	12/14/93	12/16/93	12/13/93	12/13/93
Date Received	12/17/93	12/15/93	12/17/93	12/14/93	12/14/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	187 B	99.5 B	237	1210	2770
Antimony		28.5 B	27.9 B		32.2 B
Arsenic	1.2 B	2.7 B	2 B	6.9 B	5.4 B
Barium	100 BE	700 E	870 E	191 BE	644 E
Beryllium					
Cadmium					2 B
Calcium	149000 E	436000 E	125000 E	302000 E	148000 E
Chromium					19.6
Cobalt			7.8 B	5.1 B	17 B
Copper		2.7 B	2 B	9.7 B	77.9
Iron	1380 E	12600 E	21000 E	30100 E	27200 E
Lead		19	47.9 NS*	5.9 W	219
Magnesium	215000	89200 E	78900	58800 E	160000 E
Manganese	189 E	871	84.9 E	478	204
Mercury					0.21 N
Nickel					22.4 B
Potassium	80600	27200	62300	30300	111000
Selenium					
Silver					
Sodium	2080000	31100	191000	77800	414000
Vanadium	18.6 B	23 B			33.2 B
Zinc		40.5	50.9	39.6	250
Cyanide	53.3	123		12.6	23.4

Only detected results reported.

All results reported in ug/l.

* - Duplicate analysis not within control limits.

N - Spiked sample recovery not within control limits.

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.

B - The reported value is < the quantitation limit, but > or = to instrument detection limit.

E - The reported value is estimated because of the presence of interference.

S - The reported value was determined by the Method of Standard Additions (MSA).

- SCG listed in 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	HP-401S	HP-406U	HP-406S	HP-407U	HP-407S
Sample ID	P2-401S	P2-406U	P2-406S	P2-407U	P2-407S
Date Collected	12/13/93	12/13/93	12/13/93	12/12/93	12/12/93
Date Received	12/14/93	12/14/93	12/14/93	12/13/93	12/13/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	137 B	898	31.2 B	619	52.3 B
Antimony	28.4 B		193		28 B
Arsenic	1.5 B	33.3			
Barium	73.1 B	981 E	68.7 BE	630	153 B
Beryllium					1.4 B
Cadmium					
Calcium	93600	171000 E	187000 E	122000	193000
Chromium		9.8 B		16.4 *	
Cobalt		5.7 B		14.4 B	
Copper	8.1 B	20.5 B	15.1 B	3.6 B	3.6 B
Iron	2470	45500 E	1330 E	17400	7870
Lead	2.5 BNW	88		3.8 N	1.6 BNW
Magnesium	126000	58000 E	342000 E	141000	394000
Manganese	520	251	116	468	454
Mercury					
Nickel	19.7 B				
Potassium	38200	39900	113000	124000	126000
Selenium					
Silver					
Sodium	1260000	160000	3390000	600000	3280000
Vanadium	27 B	9.1 B		23.2 B	27.8 B
Zinc	58.6	110		15.4 B	
Cyanide					

Only detected results reported.

All results reported in ug/l.

* - Duplicate analysis not within control limits.

N - Spiked sample recovery not within control limits.

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.

B - The reported value is < the quantitation limit, but > or = to instrument detection limit.

E - The reported value is estimated because of the presence of interference.

- SCG listed in 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	HP-409U	HP-409S	HP-409D	HP-501U	HP-501S
Sample ID	P2-409U	P2-409S	P2-409D	P2-501U	P2-501S
Date Collected	12/16/93	12/16/93	12/16/93	12/16/93	12/15/93
Date Received	12/17/93	12/17/93	12/17/93	12/17/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	2200	79.1 B	69.1 B	1810	55.1 B
Antimony		32.3 B		32.6 B	
Arsenic	3.6 B	2.4 B		3.8 BW	
Barium	362 E	52.6 BE	29.1 BE	1120	62 BE
Beryllium	1.6 B				
Cadmium		2 B		2.9 B	2.4 B
Calcium	170000 E	97400 E	31100 E	120000	74600 E
Chromium	18.1			25.5	
Cobalt	22.2 B			13.7 B	
Copper	22.4 B	11.2 B	6.6 B	38.4	3 B
Iron	32200 E	9190 E	1190 E	26000	8940 E
Lead	49.1 NS*		1.2 BNW*	513	1.9 BNW*
Magnesium	100000	182000	52800	169000	148000
Manganese	196 E	364 E	95.6 E	343	630 E
Mercury					
Nickel	12 B			22.0 B	14.5 B
Potassium	122000	52800	12700	163000	41500
Selenium					
Silver					
Sodium	244000	1820000	399000	580000	1380000
Vanadium	19.4 B	17.6 B	12 B	30.6 B	
Zinc	117	13.5 B	43	337	69.8
Cyanide	36.2			32.7	

Only detected results reported.

All results reported in ug/l.

* - Duplicate analysis not within control limits.

N - Spiked sample recovery not within control limits.

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.

B - The reported value is < the quantitation limit, but > or = to instrument detection limit.

E - The reported value is estimated because of the presence of interference.

S - The reported value was determined by the Method of Standard Additions (MSA).

- SCG listed in 4-1 is exceeded.

1/35332/qp/PMET42.WB1/jn
04/05/94
10:52

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INORGANIC ANALYSIS REPORT

Well ID	HP-501D	HP-503U	HP-503S	HP-503D	HP-OW6A
Sample ID	P2-501D	P2-503U	P2-503S	P2-503D	P2-OW6A
Date Collected	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93
Date Received	12/16/93	12/16/93	12/16/93	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Aluminum	108 B	78 B	169 B	88.2 B	1420
Antimony	34.9 B		46.6 B		
Arsenic	1.3 B	5.5 B			1.3 BW
Barium	161 BE	1620 E	133 BE	14.2 BE	383 E
Beryllium					
Cadmium		2.4 B	2.5 B	2.5 B	2.5 B
Calcium	161000 E	162000 E	82900 E	20200 E	248000 E
Chromium		14.6			
Cobalt		8 B			6.8 B
Copper	15.1 B	5.3 B	2.9 B	2 B	14.5 B
Iron	11500 E	15300 E	5370 E	1140 E	13400 E
Lead	2.5 BN*	8.3 N*	1.2 BNW*	2.1 BN*	7.3 N*
Magnesium	381000	181000	127000	29300	36900
Manganese	430 E	320 E	842 E	73.7 E	579 E
Mercury					
Nickel					
Potassium	110000	119000	36800	9090	30900
Selenium		1.2 BNW			1.2 BN
Silver	3.4 B				
Sodium	3600000	638000	1360000	239000	93900
Vanadium		23.5 B			
Zinc		21.9	49.4	68.6	34.9
Cyanide	15.1	39			

Only detected results reported.
All results reported in ug/l.
* - Duplicate analysis not within control limits.
N - Spiked sample recovery not within control limits.
W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is < 50% of spike absorbance.
B - The reported value is < the quantitation limit, but > or = to instrument detection limit.
E - The reported value is estimated because of the presence of interference.
- SCG listed in 4-1 is exceeded.

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INDICATOR PARAMETERS ANALYSIS REPORT

Well ID	BP-U	BP-S	BP-D	HP-101U	HP-101S
Sample ID	P2-BPU	P2-BPS	P2-BPD	P2-101U	P2-101S
Date Collected	12/12/93	12/12/93	12/12/93	12/12/93	12/12/93
Date Received	12/13/93	12/13/93	12/13/93	12/13/93	12/13/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	779	504	227	217	225
Ammonia-Nitrogen	3.24	8.21	2.23	0.26	0.2
Chloride	103	265	203	53.4	116
Hardness	1200	437	87.8	349	347
Nitrate-Nitrogen		0.78		0.28	0.21
Phenols	0.009 N	0.005 N	0.009 N	0.013 N	
Sulfate	686	43.6	61.3	98	104
Total Dissolved Solids	1950	980	678	563	611
Total Kjeldahl Nitrogen	4.14	12.7	3.66	1.02	0.86

Only detected results reported.

All results reported in mg/l.

N - Spiked sample recovery not within control limits.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PIA42.WB1/jn
04/05/94
11:10

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INDICATOR PARAMETERS ANALYSIS REPORT

Well ID	HP-102U	HP-102S	HP-103U	HP-103S	HP-104A
Sample ID	P2-102U	P2-102S	P2-103U	P2-103S	P2-104A
Date Collected	12/15/93	12/15/93	12/15/93	12/15/93	12/16/93
Date Received	12/16/93	12/16/93	12/16/93	12/16/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	496	2880	484	1580	1540
Ammonia-Nitrogen	24	372	28.7	134	116
Chloride	272	1880	64.2	4690	168
Hardness	412	658	392	1460	965
Nitrate-Nitrogen	21.7		0.19	6.36	0.21
Phenols	0.019 N	0.044 N		0.012 N	
Sulfate	269	14.8	44.9	346	54.7
Total Dissolved Solids	1520	4490	662	8530	R
Total Kjeldahl Nitrogen	11.6	453	26.6	263	117

Only detected results reported.

All results reported in mg/l.

N - Spiked sample recovery not within control limits.

R - Data rejected due to ASP holding time exceedance.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PIA42.WB1/jn
04/05/94
11:10

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INDICATOR PARAMETERS ANALYSIS REPORT

Well ID	HP-201U	HP-201S	HP-203U	HP-203S	HP-204S
Sample ID	P2-201U	P2-201S	P2-203U	P2-203S	P2-204S
Date Collected	12/16/93	12/16/93	12/13/93	12/13/93	12/16/93
Date Received	12/17/93	12/17/93	12/14/93	12/14/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	2280	303	1560	1130	182
Ammonia-Nitrogen	170	23.4	132	20	23.8
Chloride	1070	6080	152	3620	4440
Hardness	1280	1820	920	1150	1400
Nitrate-Nitrogen		1.16		0.34	3.02
Phenols	0.152 N	0.043	0.02		
Sulfate		576		88.1	488
Total Dissolved Solids	6570	9150	1450	6540	7180
Total Kjeldahl Nitrogen	758	17.2 N	139	43.2	24.7

Only detected results reported.

All results reported in mg/l.

N - Spiked sample recovery not within control limits.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PIA42.WB1/jn
04/05/94
11:10

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INDICATOR PARAMETERS ANALYSIS REPORT

Well ID	HP-307U	HP-401U	HP-401S	HP-406U	HP-406S
Sample ID	P2-307U	P2-401U	P2-401S	P2-406U	P2-406S
Date Collected	12/16/93	12/13/93	12/13/93	12/13/93	12/13/93
Date Received	12/17/93	12/14/93	12/14/93	12/14/93	12/14/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	1680	2000	74.4	988	488
Ammonia-Nitrogen	158	171	0.64	67.7	2.71
Chloride	178	559	2550	248	6490
Hardness	711	1050	791	630	2000
Nitrate-Nitrogen			1.15		0.37
Phenols	0.031 N	0.039	0.007 N	0.065	
Sulfate			335		632
Total Dissolved Solids	1420	2210	4380	1190	7900
Total Kjeldahl Nitrogen	196	385	2.1	73.3	6.19

Only detected results reported.

All results reported in mg/l.

N - Spiked sample recovery not within control limits.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PIA42.WB1/jn
04/05/94
11:10

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INDICATOR PARAMETERS ANALYSIS REPORT

Well ID	HP-407U	HP-407S	HP-409U	HP-409S	HP-501U
Sample ID	P2-407U	P2-407S	P2-409U	P2-409S	P2-501U
Date Collected	12/12/93	12/12/93	12/16/93	12/16/93	12/16/93
Date Received	12/13/93	12/13/93	12/17/93	12/17/93	12/17/93
Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid	Liquid	Liquid
Compound					
Alkalinity	2250	1050	1980	82.4	2520
Ammonia-Nitrogen	168	3.85	228	2.18	195
Chloride	518	6700	249	2820	549
Hardness	860	2200	802	1100	1060
Nitrate-Nitrogen	0.1			2.03	
Phenols	0.031 N		0.022 N	0.012 N	0.061
Sulfate	85.2	442		359	
Total Dissolved Solids	2670	11900	1720	4920	2820
Total Kjeldahl Nitrogen	275	2.56	795	3.5	193 N

Only detected results reported.

All results reported in mg/l.

N - Spiked sample recovery not within control limits.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PIA42.WB1/jn
04/05/94
11:10

TABLE 4-5
GROUNDWATER ANALYTICAL DATA SUMMARY
PENNSYLVANIA AVENUE LANDFILL
SECOND ROUND GROUNDWATER ANALYSIS REPORT
INDICATOR PARAMETERS ANALYSIS REPORT

Well ID	HP-501S	HP-503U	HP-503S
Sample ID	P2-501S	P2-503U	P2-503S
Date Collected	12/15/93	12/15/93	12/15/93
Date Received	12/16/93	12/16/93	12/16/93
Sample Type	Groundwater	Groundwater	Groundwater
Matrix	Liquid	Liquid	Liquid
Compound			
Alkalinity	76.4	2070	64.4
Ammonia-Nitrogen	0.54	120	0.87
Chloride	3740	861	2550
Hardness	911	1260	804
Nitrate-Nitrogen			0.63
Phenols		0.133 N	0.008 N
Sulfate	429		379
Total Dissolved Solids	6310	3430	4430
Total Kjeldahl Nitrogen	0.79	224	0.93

Only detected results reported.

All results reported in mg/l.

N - Spiked sample recovery not within control limits.

- SCG listed in 4-1 is exceeded.

1/35332/qp/PIA42.WB1/jn
04/05/94
11:10

ATTACHMENT 4b

Results of 2007 Ground Water-Monitoring Round

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.273004.01 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		07/16/07	1	EPA8260
Bromomethane	ug/L	< 1		07/16/07	1	EPA8260
Vinyl Chloride	ug/L	< 1		07/16/07	1	EPA8260
Chloroethane	ug/L	< 1		07/16/07	1	EPA8260
Methylene Chloride	ug/L	< 1		07/16/07	1	EPA8260
Acetone	ug/L	< 10		07/16/07	10	EPA8260
Carbon disulfide	ug/L	< 1		07/16/07	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		07/16/07	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		07/16/07	2	EPA8260
Chloroform	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		07/16/07	1	EPA8260
2-Butanone	ug/L	< 10		07/16/07	10	EPA8260
111 Trichloroethane	ug/L	< 1		07/16/07	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		07/16/07	1	EPA8260
Bromodichloromethane	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		07/16/07	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		07/16/07	1	EPA8260
Trichloroethene	ug/L	< 1		07/16/07	1	EPA8260
Chlorodibromomethane	ug/L	< 1		07/16/07	1	EPA8260
112 Trichloroethane	ug/L	< 1		07/16/07	1	EPA8260
Benzene	ug/L	< 1		07/16/07	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		07/16/07	1	EPA8260
Bromoform	ug/L	< 1		07/16/07	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		07/16/07	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 20609 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.273004.01 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		07/16/07	10	EPA8260
Tetrachloroethene	ug/L	< 1		07/16/07	1	EPA8260
Toluene	ug/L	< 1		07/16/07	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		07/16/07	1	EPA8260
Chlorobenzene	ug/L	11		07/16/07	1	EPA8260
Ethyl Benzene	ug/L	< 1		07/16/07	1	EPA8260
Styrene	ug/L	< 1		07/16/07	1	EPA8260
o Xylene	ug/L	< 1		07/16/07	1	EPA8260
m + p Xylene	ug/L	< 2		07/16/07	2	EPA8260
Xylene	ug/L	< 3		07/16/07	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		07/20/07	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		07/20/07	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		07/20/07	1	EPA8270
Carbazole	ug/L	< 1		07/20/07	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		07/20/07	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		07/20/07	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		07/20/07	1	EPA8270
Hexachloroethane	ug/L	< 1		07/20/07	1	EPA8270
Nitrobenzene	ug/L	< 1		07/20/07	1	EPA8270
Isophorone	ug/L	< 1		07/20/07	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		07/20/07	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		07/20/07	1	EPA8270
Naphthalene(sv)	ug/L	< 1		07/20/07	1	EPA8270
4-Chloroaniline	ug/L	< 1		07/20/07	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		07/20/07	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		07/20/07	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		07/20/07	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		07/20/07	1	EPA8270
2-Nitroaniline	ug/L	< 1		07/20/07	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
Acenaphthylene	ug/L	< 1		07/20/07	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		07/20/07	1	EPA8270
3-Nitroaniline	ug/L	< 1		07/20/07	1	EPA8270
Acenaphthene	ug/L	9.4		07/20/07	1	EPA8270
Dibenzofuran	ug/L	2		07/20/07	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.273004.01 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		07/20/07	1	EPA8270
Diethyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		07/20/07	1	EPA8270
Fluorene	ug/L	< 1		07/20/07	1	EPA8270
4-Nitroaniline	ug/L	< 1		07/20/07	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		07/20/07	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		07/20/07	1	EPA8270
Hexachlorobenzene	ug/L	< 1		07/20/07	1	EPA8270
Phenanthrene	ug/L	< 1		07/20/07	1	EPA8270
Anthracene	ug/L	< 1		07/20/07	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
Fluoranthene	ug/L	< 1		07/20/07	1	EPA8270
Pyrene	ug/L	< 1		07/20/07	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		07/20/07	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		07/20/07	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		07/20/07	1	EPA8270

cc:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		07/20/07	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		07/20/07	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		07/20/07	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		07/20/07	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		07/20/07	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		07/20/07	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		07/20/07	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		07/20/07	1	EPA8270

cc:

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ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		07/20/07	1	EPA8270
2-Chlorophenol	ug/L	< 1		07/20/07	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		07/20/07	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		07/20/07	1	EPA8270
2-Nitrophenol	ug/L	< 1		07/20/07	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		07/20/07	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		07/20/07	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		07/20/07	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		07/20/07	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		07/20/07	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		07/20/07	10	EPA8270
4-Nitrophenol	ug/L	< 10		07/20/07	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		07/20/07	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		07/20/07	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		07/18/07	0.05	EPA608
Heptachlor	ug/L	< 0.05		07/18/07	0.05	EPA608
Aldrin	ug/L	< 0.05		07/18/07	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		07/18/07	0.05	EPA608
p,p-DDE	ug/L	< 0.05		07/18/07	0.05	EPA608
Dieldrin	ug/L	< 0.05		07/18/07	0.05	EPA608
Endrin	ug/L	< 0.05	*	07/18/07	0.05	EPA608
p,p-DDD	ug/L	0.09		07/18/07	0.05	EPA608
p,p-DDT	ug/L	< 0.1		07/18/07	0.1	EPA608
Chlordane	ug/L	< 0.2		07/18/07	0.2	EPA608
Toxaphene	ug/L	< 1		07/18/07	1	EPA608
Endrin Ketone	ug/L	< 0.1		07/18/07	0.1	EPA608
a BHC	ug/L	< 0.05		07/18/07	0.05	EPA608
b BHC	ug/L	< 0.05		07/18/07	0.05	EPA608
d BHC	ug/L	< 0.05		07/18/07	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		07/18/07	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Endrin breakdown (24%) exceeded 15% QC limit.

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.273004.01 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		07/18/07	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		07/18/07	0.3	EPA608
Methoxychlor	ug/L	< 0.1		07/18/07	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		07/18/07	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		07/18/07	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.096		07/17/07	0.04	EPA200.7
Antimony as Sb	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Arsenic as As	mg/L	0.03		07/17/07	0.02	EPA200.7
Barium as Ba	mg/L	0.11		07/17/07	0.02	EPA200.7
Beryllium as Be	mg/L	< 0.004		07/17/07	0.004	EPA200.7
Cadmium as Cd	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Calcium as Ca	mg/L	240		07/17/07	0.8	EPA200.7
Chromium as Cr	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Cobalt as Co	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Copper as Cu	mg/L	< 0.04		07/17/07	0.04	EPA200.7
Iron as Fe	mg/L	14		07/17/07	0.04	EPA200.7
Lead as Pb	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Magnesium as Mg	mg/L	75		07/17/07	0.02	EPA200.7
Manganese as Mn	mg/L	0.38		07/17/07	0.04	EPA200.7
Mercury as Hg	mg/L	< 0.00025		07/17/07	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.04		07/17/07	0.04	EPA200.7
Potassium as K	mg/L	66		07/18/07	10	EPA200.7
Selenium as Se	mg/L	< 0.004		07/20/07	0.004	EPA200.9
Silver as Ag	mg/L	< 0.002		07/17/07	0.02	EPA200.7
Sodium as Na	mg/L	700		07/18/07	10	EPA200.7
Thallium as Tl	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Vanadium as V	mg/L	< 0.02		07/17/07	0.02	EPA200.7
Zinc as Zn	mg/L	< 0.04		07/17/07	0.04	EPA200.7
Hardness as CaC03	mg/L	900		07/17/07	2.08	EPA200.7

cc:

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REMARKS:

DIRECTORY

rn = 20617 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.273004.01 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: HP-318

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenols as Phenol	mg/L	0.005		07/25/07	0.001	EPA420.1
Alkalinity tot CaCo3	mg/L	880		07/13/07	2	SM182320B
Ammonia as N	mg/L	39		07/18/07	0.2	EPA350.2
Chloride as Cl	mg/L	1300		07/17/07	20	SM204500C1B
Nitrate as N	mg/L	12.0		07/17/07	1	EPA353.2
Sulfate as SO4	mg/L	37		07/19/07	5	EPA375.4
Tot Dissolved Solids	mg/L	2600		07/19/07	50	EPA160.1
Tot. Kjeldahl N.	mg/L	44		07/20/07	0.2	EPA351.3

cc:

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REMARKS:

DIRECTOR

rn = 20618 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.273004.02 08/31/07

ST. Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		07/16/07	1	EPA8260
Bromomethane	ug/L	< 1		07/16/07	1	EPA8260
Vinyl Chloride	ug/L	< 1		07/16/07	1	EPA8260
Chloroethane	ug/L	< 1		07/16/07	1	EPA8260
Methylene Chloride	ug/L	< 1		07/16/07	1	EPA8260
Acetone	ug/L	< 10		07/16/07	10	EPA8260
Carbon disulfide	ug/L	< 1		07/16/07	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		07/16/07	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		07/16/07	2	EPA8260
Chloroform	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		07/16/07	1	EPA8260
2-Butanone	ug/L	< 10		07/16/07	10	EPA8260
111 Trichloroethane	ug/L	< 1		07/16/07	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		07/16/07	1	EPA8260
Bromodichloromethane	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		07/16/07	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		07/16/07	1	EPA8260
Trichloroethene	ug/L	< 1		07/16/07	1	EPA8260
Chlorodibromomethane	ug/L	< 1		07/16/07	1	EPA8260
112 Trichloroethane	ug/L	< 1		07/16/07	1	EPA8260
Benzene	ug/L	< 1		07/16/07	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		07/16/07	1	EPA8260
Bromoform	ug/L	1		07/16/07	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		07/16/07	10	EPA8260

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.273004.02 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		07/16/07	10	EPA8260
Tetrachloroethene	ug/L	< 1		07/16/07	1	EPA8260
Toluene	ug/L	< 1		07/16/07	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		07/16/07	1	EPA8260
Chlorobenzene	ug/L	< 1		07/16/07	1	EPA8260
Ethyl Benzene	ug/L	< 1		07/16/07	1	EPA8260
Styrene	ug/L	< 1		07/16/07	1	EPA8260
o Xylene	ug/L	< 1		07/16/07	1	EPA8260
m + p Xylene	ug/L	< 2		07/16/07	2	EPA8260
Xylene	ug/L	< 3		07/16/07	3	EPA8260

cc:

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REMARKS:

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MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		07/20/07	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		07/20/07	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		07/20/07	1	EPA8270
Carbazole	ug/L	< 1		07/20/07	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		07/20/07	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		07/20/07	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		07/20/07	1	EPA8270
Hexachloroethane	ug/L	< 1		07/20/07	1	EPA8270
Nitrobenzene	ug/L	< 1		07/20/07	1	EPA8270
Isophorone	ug/L	< 1		07/20/07	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		07/20/07	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		07/20/07	1	EPA8270
Naphthalene(sv)	ug/L	< 1		07/20/07	1	EPA8270
4-Chloroaniline	ug/L	< 1		07/20/07	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		07/20/07	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		07/20/07	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		07/20/07	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		07/20/07	1	EPA8270
2-Nitroaniline	ug/L	< 1		07/20/07	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
Acenaphthylene	ug/L	< 1		07/20/07	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		07/20/07	1	EPA8270
3-Nitroaniline	ug/L	< 1		07/20/07	1	EPA8270
Acenaphthene	ug/L	< 1		07/20/07	1	EPA8270
Dibenzofuran	ug/L	< 1		07/20/07	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.273004.02 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		07/20/07	1	EPA8270
Diethyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		07/20/07	1	EPA8270
Fluorene	ug/L	< 1		07/20/07	1	EPA8270
4-Nitroaniline	ug/L	< 1		07/20/07	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		07/20/07	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		07/20/07	1	EPA8270
Hexachlorobenzene	ug/L	< 1		07/20/07	1	EPA8270
Phenanthrene	ug/L	< 1		07/20/07	1	EPA8270
Anthracene	ug/L	< 1		07/20/07	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
Fluoranthene	ug/L	< 1		07/20/07	1	EPA8270
Pyrene	ug/L	< 1		07/20/07	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		07/20/07	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		07/20/07	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		07/20/07	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 20622 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
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MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		07/20/07	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		07/20/07	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		07/20/07	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		07/20/07	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		07/20/07	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		07/20/07	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		07/20/07	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		07/20/07	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		07/20/07	1	EPA8270

cc:

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REMARKS:

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COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		07/20/07	1	EPA8270
2-Chlorophenol	ug/L	< 1		07/20/07	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		07/20/07	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		07/20/07	1	EPA8270
2-Nitrophenol	ug/L	< 1		07/20/07	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		07/20/07	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		07/20/07	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		07/20/07	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		07/20/07	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		07/20/07	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		07/20/07	10	EPA8270
4-Nitrophenol	ug/L	< 10		07/20/07	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		07/20/07	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		07/20/07	10	EPA8270

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SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		07/18/07	0.05	EPA608
Heptachlor	ug/L	< 0.05		07/18/07	0.05	EPA608
Aldrin	ug/L	< 0.05		07/18/07	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		07/18/07	0.05	EPA608
p,p-DDE	ug/L	< 0.05		07/18/07	0.05	EPA608
Dieldrin	ug/L	< 0.05		07/18/07	0.05	EPA608
Endrin	ug/L	< 0.05	*	07/18/07	0.05	EPA608
p,p-DDD	ug/L	< 0.05		07/18/07	0.05	EPA608
p,p-DDT	ug/L	< 0.1		07/18/07	0.1	EPA608
Chlordane	ug/L	< 0.2		07/18/07	0.2	EPA608
Toxaphene	ug/L	< 1		07/18/07	1	EPA608
Endrin Ketone	ug/L	< 0.1		07/18/07	0.1	EPA608
a BHC	ug/L	< 0.05		07/18/07	0.05	EPA608
b BHC	ug/L	< 0.05		07/18/07	0.05	EPA608
d BHC	ug/L	< 0.05		07/18/07	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		07/18/07	0.1	EPA608

cc:

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REMARKS: *Endrin breakdown (24%) exceeded 15% QC limit.

DIRECTOR

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MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		07/18/07	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		07/18/07	0.3	EPA608
Methoxychlor	ug/L	< 0.1		07/18/07	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		07/18/07	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		07/18/07	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		07/18/07	0.065	EPA608

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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.273004.02 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.01		07/17/07	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Barium as Ba	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		07/17/07	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.001		07/17/07	0.005	EPA200.7
Calcium as Ca	mg/L	< 0.2		07/17/07	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		07/17/07	0.01	EPA200.7
Iron as Fe	mg/L	0.02		07/17/07	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Magnesium as Mg	mg/L	0.02		07/17/07	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		07/17/07	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		07/17/07	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		07/17/07	0.01	EPA200.7
Potassium as K	mg/L	< 1		07/17/07	1	EPA200.7
Selenium as Se	mg/L	< 0.004		07/20/07	0.004	EPA200.9
Silver as Ag	mg/L	< 0.001		07/17/07	0.005	EPA200.7
Sodium as Na	mg/L	< 1		07/17/07	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		07/17/07	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		07/17/07	0.01	EPA200.7
Hardness as CaCO3	mg/L	< 0.52		07/17/07	0.52	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 20627 NYSDOH ID # 10320

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ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenols as Phenol	mg/L	< 0.001		07/25/07	0.001	EPA420.1
Alkalinity tot CaCo3	mg/L	6		07/13/07	2	SM182320B
Ammonia as N	mg/L	< 0.05		07/18/07	0.05	EPA350.3
Chloride as Cl	mg/L	5		07/17/07	2	SM204500C1B
Nitrate as N	mg/L	< 0.5		07/17/07	0.5	EPA353.2
Sulfate as SO4	mg/L	< 5		07/19/07	5	EPA375.4
Tot Dissolved Solids	mg/L	10		07/19/07	10	EPA160.1
Tot. Kjeldahl N.	mg/L	0.8		07/20/07	0.2	EPA351.3

cc:

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REMARKS: Sample reanalyzed to confirm Total Kjeldahl Nitroten result.

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.273004.03 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley P0#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		07/16/07	1	EPA8260
Bromomethane	ug/L	< 1		07/16/07	1	EPA8260
Vinyl Chloride	ug/L	< 1		07/16/07	1	EPA8260
Chloroethane	ug/L	< 1		07/16/07	1	EPA8260
Methylene Chloride	ug/L	< 1		07/16/07	1	EPA8260
Acetone	ug/L	< 10		07/16/07	10	EPA8260
Carbon disulfide	ug/L	< 1		07/16/07	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		07/16/07	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		07/16/07	2	EPA8260
Chloroform	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		07/16/07	1	EPA8260
2-Butanone	ug/L	< 10		07/16/07	10	EPA8260
111 Trichloroethane	ug/L	< 1		07/16/07	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		07/16/07	1	EPA8260
Bromodichloromethane	ug/L	< 1		07/16/07	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		07/16/07	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		07/16/07	1	EPA8260
Trichloroethene	ug/L	< 1		07/16/07	1	EPA8260
Chlorodibromomethane	ug/L	< 1		07/16/07	1	EPA8260
112 Trichloroethane	ug/L	< 1		07/16/07	1	EPA8260
Benzene	ug/L	< 1		07/16/07	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		07/16/07	1	EPA8260
Bromoform	ug/L	< 1		07/16/07	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		07/16/07	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 20629 NYSDOH ID # 10320

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LAB NO.273004.03 08/31/07

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Tom Varley PO#:1452

SOURCE OF SAMPLE: Pennsylvania Avenue Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:07/11/07 RECEIVED:07/12/07

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		07/16/07	10	EPA8260
Tetrachloroethene	ug/L	< 1		07/16/07	1	EPA8260
Toluene	ug/L	< 1		07/16/07	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		07/16/07	1	EPA8260
Chlorobenzene	ug/L	< 1		07/16/07	1	EPA8260
Ethyl Benzene	ug/L	< 1		07/16/07	1	EPA8260
Styrene	ug/L	< 1		07/16/07	1	EPA8260
o Xylene	ug/L	< 1		07/16/07	1	EPA8260
m + p Xylene	ug/L	< 2		07/16/07	2	EPA8260
Xylene	ug/L	< 3		07/16/07	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 20630 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

2730004

CHAIN OF CUSTODY RECORD

8

NJ QA/QC

Client: **Severn Trent Services, Inc.**
Address: 100 Morris Avenue – Unit 3
Glen Cove, NY 11542
Phone: (516) 674-6032 FAX: (516) 674-0151
Person receiving report: Thomas Varley
Sampled by:
Source: **Pennsylvania Avenue Landfill**
Job No.: **1452**

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	VOC Vials	16 oz Amber Glass [H_3PO_4] PHENOL	32 oz Amber Glass – PEST. & PCBs	32 oz Amber Glass – ACID EXTRACTABLES	32 oz Amber Glass – BASE NEUTRAL EXTRACT	16 oz Plastic [H_2SO_4] – N, CBOD	8 oz Plastic [HNO_3] - METALS	32 oz Plastic – NON METALS	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
Water	7/11		HP-318	9	2	1	1	1	1	1	1	1			VOCs, SVOCs (BNA),
"	7/11		FIELD BLANK	9	2	1	1	1	1	1	1	1			Pesticides & PCBs, Phenols,
"	7/11		TRIP BLANK	2	2										Metals (23 TAL metals)
															Alkalinity, Ammonia, Chloride,
															Hardness, Nitrate, Sulfate,
															TDS, TKN
															TEMP: 9.3

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: STES	7/12 8:35	YES NO NA	Representing:	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:	7/12 12:52	YES NO NA	Representing:	Representing:		YES NO NA	Representing:

| SUMMARY OF RESULTS FOR: | | Pennsylvania Avenue Landfill Groundawter Monitoring Well Sampling | | |

| SUMMARY OF RESULTS FOR: | | Pennsylvania Avenue Landfill Groundawter Monitoring Well Sampling | | |

SUMMARY OF RESULTS FOR:	Pennsylvania Avenue Landfill Groundawter Monitoring Well Sampling																							
			9/7/07		7/10/07		7/10/07		8/7/07		9/5/07		7/9/07		7/9/07		9/6/07		7/11/07	
ANALYTE	UNITS		HP-101-D		HP-101-U		HP-101-U-D		HP-101-S		HP-407D		HP-407-U		HP-407-S		HP-103-D		HP-318	
Aluminum as Al	mg/L		0.03		0.34		0.36	<	0.2		0.09		0.01		0.19		3.1		0.096	
Antimony as Sb	mg/L	<	0.005		0.007		0.009	<	0.1	<	0.025		0.007		0.033	<	0.01	<	0.02	
Arsenic as As	mg/L		0.012		0.007	<	0.005	<	0.1	<	0.025	<	0.005		0.023		0.018		0.03	
Barium as Ba	mg/L		0.11		0.077		0.073	<	0.1		0.055		0.24		0.12		0.099		0.11	
Beryllium as Be	mg/L	<	0.001	<	0.001	<	0.001	<	0.02	<	0.005	<	0.001	<	0.004	<	0.001	<	0.004	
Cadmium as Cd	mg/L	<	0.005	<	0.005	<	0.005	<	0.1	<	0.025	<	0.005	<	0.02	<	0.005	<	0.02	
Calcium as Ca	mg/L		330		100		95		75		260		96		200		370		240	
Chromium as Cr	mg/L	<	0.005	<	0.005	<	0.005	<	0.1	<	0.025	<	0.005	<	0.02		0.009	<	0.02	
Cobalt as Co	mg/L	<	0.005	<	0.005	<	0.005	<	0.1	<	0.025	<	0.005	<	0.02	<	0.005	<	0.02	
Copper as Cu	mg/L		0.02		0.08		0.07	<	0.2	<	0.05	<	0.01	<	0.04		0.02	<	0.04	
Hardness as CaC03	mg/L		4000		310		300		690		3000		860		2300		5000		900	
Iron as Fe	mg/L		16		16		15		2.2		21		0.41		9.8		9.2		14	
Lead as Pb	mg/L	<	0.005		0.028		0.027	<	0.1	<	0.025	<	0.005	<	0.02		0.009	<	0.02	
Magnesium as Mg	mg/L		770		16		15		120		580		150		440		1000		75	
Manganese as Mn	mg/L		0.83		0.65		0.62	<	0.2		0.98		0.08		0.46		2.5		0.38	
Mercury as Hg	mg/L		0.00073	<	0.00025	<	0.00025	<	0.00025	<	0.00025		0.00035	<	0.00025		0.00038	<	0.0003	
Nickel as Ni	mg/L	<	0.01		0.02		0.02	<	0.2	<	0.05	<	0.01	<	0.04	<	0.01	<	0.04	
Potassium as K	mg/L		380		18		17		140		270		120		200		460		66	
Selenium as Se	mg/L	<	0.01	<	0.004	<	0.004	<	0.01	<	0.05	<	0.01	<	0.01	<	0.01	<	0.004	
Silver as Ag	mg/L	<	0.005	<	0.005	<	0.005	<	0.1	<	0.025	<	0.005	<	0.02	<	0.005	<	0.002	
Sodium as Na	mg/L		10000		1000		990		3600		4600		68		3400		8000		700	
Thallium as Tl	mg/L	<	0.005	<	0.005	<	0.005	<	0.1	<	0.025	<	0.005	<	0.02	<	0.01	<	0.02	
Vanadium as V	mg/L	<	0.005	<	0.005	<	0.005	<	0.1	<	0.025	<	0.005	<	0.02		0.009	<	0.02	
Zinc as Zn	mg/L		0.03		0.17		0.14	<	0.2		0.07	<	0.01		0.09		0.07	<	0.04	
Alkalinity tot CaCo3	mg/L		700		520		460		980		220		2200		600		220		880	
Ammonia as N	mg/L		7.4		8.4		6		6.2		1.6		150		9		14		39	
Chloride as Cl	mg/L		22000		1700		1800		350		9800		400		7500		17000		1300	
Nitrate as N	mg/L	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		12	
Phenols as Phenol	mg/L		0.008	<	0.001	<	0.001	<	0.002		0.002	<	0.002	<	0.001		0.045		0.005	
Sulfate as SO4	mg/L		1500		95		90		150		1100		65		850		2000		37	
Tot Dissolved Solids	mg/L		34000		3100		3500		440		17000		2400		12000		27000		2600	
Tot. Kjeldahl N.	mg/L		8.8		11		10		6.6		2		160		9		15		44	