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DATA USABILTY SUMMARY REPORT (DUSR)
OF THE
PORT IVORY SITE

ORGANIC AND INORGANIC ANALYSES
IN AQUEOUS AND NON-AQUEOUS SAMPLES

VERITECH LABORATORIES
FAIRFIELD, NEW JERSEY

REPORT NUMBERS:

11240942
12011513
05311131
05311819
06281539

August, 2003

Prepared for
The Port Authority of NY & NJ
Jersey City, New Jersey

Prepared by
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NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Volatile Organic Analyses, Base Neutral Semivolatile Organic Analyses, Pesticide Analyses and PCB Analyses**
SITE:	**HH-Port Ivory Site**
CONTRACT LAB:	**Hampton-Clarke, Inc. Veritech Laboratories Fairfield, New Jersey**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**August, 2003**
MATRIX:	**Aqueous and Non-Aqueous**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unreliable/unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

This data assessment is for a total of twelve (12) aqueous, twenty-five (25) soil, seven (7) Field Blank and one (1) Trip Blank samples that were collected at the site. All of the samples were shipped to Veritech Laboratories located in Fairfield, New Jersey. The samples were analyzed for the parameters marked on the Chain of custody documents that accompanied the samples to the laboratory.

A cross-reference between Field Sample ID and Laboratory Sample ID is located in Table 1 of this report. A list of definitions that may be used in this report is located in Appendix A. Copies of qualified data result pages are located in Appendix B of this report and a copy of Chain of Custody (COC) documentation associated with sampling event is located in Appendix C.

DATA USABILITY SUMMARY REPORT (DUSR)
HH-Port Ivory Site

1. OVERVIEW:

The samples were submitted to the laboratory for the analyses requested on the Chain of Custody (COC) documentation. The samples were analyzed for the organic analytes using EPA Test Methods for the Evaluation of Solid Waste (SW 846), Method 8260/8270. Proper custody transfer of the samples was documented in the laboratory report. The laboratory provided a deliverables package similar to that of a New Jersey Reduced Deliverable for Non-CLP parameters.

Samples Collected 11/21/00, Received 11/22/00 – Thirteen (13) soil and eight (8) aqueous and two (2) Field Blank samples were collected on November 21, 2000 and delivered to the Veritech Laboratories in Fairfield, NJ on November 22, 2000. The samples were reported in laboratory report 11240942. The samples were analyzed for the parameters listed on the COC documents. New Jersey Reduced Deliverables were requested on the COC documents.

Samples Collected 11/29/02, Received 11/30/00 – Four (4) aqueous, one (1) Field Blank and one (1) Trip blank sample were collected on November 29, 2002 and delivered to the Veritech Laboratories in Fairfield, NJ. The samples were reported in laboratory report 12011513. The initial data report provided for review did not contain the COC associated with this data set. The COC was requested and provided for review. A copy is located in Appendix C of this report. The samples were analyzed for the parameters listed on the COC documents. The laboratory report pages all indicate that the samples were submitted on December 1, 2000, however based on the COC documents, samples were received on November 30, 2000. All reference to receipt date in this report is November 29, 2000.

Samples Collected 5/28/02 and 5/29/02, Received 5/30/02 – Seven (7) soil and two (2) Field Blank samples were collected on May 28, 2002 and May 29, 2002 and delivered to the Veritech Laboratories in Fairfield, NJ. The samples were received at the proper temperature without custody seals. The samples were reported in laboratory report 05311131. The COC documents associated with the data set indicated that all samples were to be analyzed for the NYS Stars list of VOA analytes, MTBE and TBA, the soil samples were analyzed for the NYS Stars list of PAH analytes. The COC was requested and provided for review. A copy of the COC documents is located in Appendix C of this report.

Samples Collected 5/30/02, Received 5/31/02 – Two (2) soil samples and one (1) Field Blank samples were collected on May 30, 2003 and delivered to the Veritech Laboratories in Fairfield, NJ. The samples were received at the proper temperature without custody seals. The samples were reported in laboratory report 05311819. The COC documents associated with the data set indicated that all samples were to be analyzed for the NYS Stars list of VOA analytes. In addition, the soil samples were analyzed for the NYS Stars list of PAH analytes. The COC was requested and provided for review. A copy of the COC documents is located in Appendix C of this report.

Samples Collected 6/26/02, Received 6/26/02 – Three (3) soil and one (1) Field Blank samples were collected on June 26, 2002 and delivered to the Veritech Laboratories in Fairfield, NJ. The samples were received at the proper temperature without custody seals. The samples were reported in laboratory report 06281539. The COC documents associated with the data set indicated that all samples were to be analyzed for the NYS Stars list of VOA analytes. In addition, the soil samples were analyzed for the NYS Stars list of PAH analytes. The COC was requested and provided for review. A copy of the COC documents is located in Appendix C of this report.

DATA USABILITY SUMMARY REPORT (DUSR)
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2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Preserved volatile organic analyses are required to be analyzed within 10 days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly preserved aqueous and non-aqueous samples is 14 days from collection. Base Neutral Semivolatile Organic Analyses are to be prepared/extracted within five (5) days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly samples is to prepare the aqueous samples within 7 days of collection and the soil samples within fourteen days of collection.

Volatile Organic Analyses

Samples Received 11/22/00 - All of the field samples and QC samples associated with this data set were analyzed within the ten (10) days of VTSR with the exception of sample PG-G-7N-112100S005. This sample was analyzed three (3) days beyond the ten (10) day VTSR. The sample was analyzed within the EPA method holding time, therefore, no action was taken.

Samples Received 11/30/00 - All of the field samples and QC samples associated with this data set were analyzed within the ten (10) days of VTSR.

Samples Received 5/30/02 - All of the field samples and QC samples associated with this data set were analyzed within the ten (10) days of VTSR.

Samples Received 5/31/02 - All of the field samples and QC samples associated with this data set were analyzed within the ten (10) days of VTSR.

Samples Received 6/26/02 - All of the field samples and QC samples associated with this data set were analyzed one (1) day beyond the ten (10) day of VTSR. The samples were analyzed within the method holding time, therefore, no action was taken based on this outlier.

Base Neutral Semivolatile Organic Analyses

Samples Received 11/22/00 – The soil samples in this data set were collected on November 21, 2000 and received November 22, 2000. The samples were extracted in one (1) batch on November 30, 2000. This is three (3) days beyond the NYS DEC ASP holding time for extraction. The samples were prepared within the method holding time, therefore, no action was taken based on this outlier.

Samples Received 11/30/00 – The aqueous samples in this data set were collected on November 29, 2000 and received November 30, 2000. The laboratory result pages indicated that the samples were received for this analysis on December 1, 2000. The samples were extracted on December 6, 2000. This is one (1) day beyond the NYS DEC ASP holding time for extraction. The samples were prepared within the method holding time, therefore, no action was taken based on this outlier.

Samples Received 5/30/02 - The soil samples in this data set were received at the laboratory on May 30, 2002. They were prepared in one (1) extraction batch on June 3, 2002. The soil samples were extracted within the NYS ASP holding time.

DATA USABILITY SUMMARY REPORT (DUSR)
HH-Port Ivory Site

2. HOLDING TIME (cont'd)

Base Neutral Semivolatile Organic Analyses

Sample Received May 31, 2002 – The soil samples in this data set were received at the laboratory on May 31, 2002. They were prepared in one (1) extraction batch on June 3, 2002. The soil samples were extracted within the NYS ASP holding time.

Sample Received June 26, 2002 – The soil samples in this data set were received at the laboratory on June 27, 2002. They were prepared in one (1) extraction batch on July 2, 2002. The soil samples were extracted within the ASP holding time. The extracts were analyzed within the NYSDEC holding time.

Pesticide/PCB Analyses –

Samples Received 11/22/00 – The aqueous samples in this data set were collected on November 21, 2000 and received November 22, 2000. The samples were extracted on November 30, 2000. This is three (3) days beyond the NYS DEC ASP holding time for extraction. The samples were prepared within the method holding time, therefore, no action was taken based on this outlier.

Samples Received 11/30/00 – The aqueous samples in this data set were collected on November 29, 2000 and received November 30, 2000. The samples were extracted on December 6, 2000. This is one (1) day beyond the NYS DEC ASP holding time for extraction. The samples were prepared within the method holding time, therefore, no action was taken based on this outlier.

Polychlorinated Biphenyl's (PCB's)

Samples Received 11/22/00 – The aqueous samples in this data set were collected on November 21, 2000 and received November 22, 2000. The samples were extracted on November 30, 2000. This is three (3) days beyond the NYS DEC ASP holding time for extraction. The samples were prepared within the method holding time, therefore, no action was taken based on this outlier.

Samples Received 11/30/00 – The aqueous samples in this data set were collected on November 29, 2000 and received November 30, 2000. The samples were extracted on December 6, 2000. This is one (1) day beyond the NYS DEC ASP holding time for extraction. The samples were prepared within the method holding time, therefore, no action was taken based on this outlier.

DATA USABILITY SUMMARY REPORT (DUSR)
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3. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate the overall laboratory performance and the efficiency of the analytical technique. If the measured surrogate concentrations are outside the QC limits, qualifiers were applied to the effected samples.

Volatile Organic Analyses

Samples Received 11/22/00 – Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

Samples Received 11/30/00 - Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

Samples Received 5/30/02 – The samples in this data set were fortified with the surrogates; 1,2-Dichloroethanr-d4, Toluene-d8 and Bromofluorobenzene. In-house surrogate recovery limits were utilized by the laboratory. The percent recovery of each surrogate met QC criteria in all field and QC samples associated with this data set.

Samples Received 5/31/02 - The samples in this data set were fortified with the surrogates; 1,2-Dichloroethanr-d4, Toluene-d8 and Bromofluorobenzene. In-house surrogate recovery limits were utilized by the laboratory. The percent recovery of each surrogate met QC criteria in all field and QC samples associated with this data set.

Samples Received 6/27/2002 - The samples in this data set were fortified with the surrogates; 1,2-Dichloroethanr-d4, Toluene-d8 and Bromofluorobenzene. In-house surrogate recovery limits were utilized by the laboratory. The percent recovery of each surrogate met QC criteria in all field and QC samples associated with this data set.

Base Neutral Semivolatile Organic Analyses

Samples Received 11/22/00 – Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

Samples Received 11/30/00 - Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

Samples Received May 30, 2002 - The samples in this data set were fortified with the Base Neutral surrogates; Nitrobenzene-d5, 2-Fluorobiphenyl and Terphenyl-d14. The laboratory reported in-house surrogate recovery limits with this data set. The percent recovery of each surrogate in the soil samples in this data set met QC criteria.

Samples Received May 31, 2002 - The samples in this data set were fortified with the Base Neutral surrogates; Nitrobenzene-d5, 2-Fluorobiphenyl and Terphenyl-d14. The laboratory reported in-house surrogate recovery limits with this data set. The percent recovery of each surrogate in the soil samples in this data set met QC criteria.

Samples Received June 27, 2002 - The samples in this data set were fortified with the Base Neutral surrogates; Nitrobenzene-d5, 2-Fluorobiphenyl and Terphenyl-d14. The laboratory reported in-house surrogate recovery limits with this data set. The percent recovery of each surrogate in the soil samples in this data set met QC criteria..

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DATA USABILITY SUMMARY REPORT (DUSR)
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3. SURROGATES (cont'd):

Pesticide Analyses – Each sample was spiked with the surrogate compounds TCMX and DCB. Surrogate recovery in Pesticides is advisory, therefore, no action was taken based on surrogate recovery.

Samples Received 11/22/00 – Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

Samples Received 11/30/00 - Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

PCB Analyses - – Each sample was spiked with the surrogate compounds TCMX and DCB. Surrogate recoveries were not summarized in the data report. Surrogate recovery in Pesticides is advisory, therefore, no action was taken based on surrogate recovery.

Samples Received 11/22/00 – Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

Samples Received 11/30/00 - Surrogate recovery limits were not cited on the data result pages or in the data report. Surrogate recoveries were reported on the quantitation reports for each sample. The surrogate recoveries were reviewed, however no limits were cited for comparison.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. The laboratory used the in-house generated recovery criteria and RPD (precision) data for reporting purposes.

Volatile Organic Analyses

Samples Received November 22, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Samples Received November 30, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Samples Received May 30, 2002 – Batch QC was utilized for the MS/MSD analyses. No action is taken based on batch QC analyses.

Samples Received May 31, 2002 – Batch QC was utilized for the MS/MSD analyses. No action is taken based on batch QC analyses.

Samples Received June 27, 2002 – Batch QC was utilized for the MS/MSD analyses. No action is taken based on batch QC analyses.

Base Neutral Semivolatile Organic Analyses

Samples Received November 22, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Samples Received November 30, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Samples Received May 30, 2002 - Batch QC was utilized for the MS/MSD analyses. No action is taken based on batch QC analyses.

Samples Received May 31, 2002 – Sample PG-PGB2W4-053002S001 was utilized for the MS/MSD analysis. In house matrix spike recovery and RPD limits were utilized. All recovery and RPD's met QC limits.

Samples Received June 27, 2002 - Batch QC was utilized for the MS/MSD analyses. No action is taken based on batch QC analyses.

Pesticide Analyses

Samples Received November 22, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Samples Received November 30, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Polychlorinated Biphenyl Analyses

Samples Received November 22, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

Samples Received November 30, 2000 – Matrix spike/spike duplicate data was not summarized in this data report.

5. BLANK SPIKE ANALYSIS:

The NY ASP protocol requires that a blank spike analysis be performed with each sample batch. The blank spike analysis is used to insure that the analytical system is in control. The laboratory applied in-house recovery limits for each analyte.

Volatile Organic Analytes

Samples Received November 22, 2000 – Blank Spike data was not summarized in this data report.

Samples Received November 30, 2000 – Blank Spike data was not summarized in this data report.

Samples Received May 30, 2002 - The laboratory performed one blank spike analysis with this data set. The sample was spiked with the matrix spike compounds. All spike recoveries in the blank spike sample met QC criteria.

Samples Received May 31, 2002 - The laboratory performed one blank spike analysis with this data set. The sample was spiked with all reported analytes. All spike recoveries in the blank spike sample met QC criteria.

Samples Received June 27, 2002 - The laboratory performed one blank spike analysis with this data set. The sample was spiked with the matrix spike compounds. All spike recoveries in the blank spike sample met QC criteria.

Base Neutral Semivolatile Organic Analytes

Samples Received November 22, 2000 – Blank spike data was not summarized in this data report.

Samples Received November 30, 2000 – Blank Spike data was not summarized in this data report.

Samples Received May 30, 2002 - The laboratory performed one blank spike analysis with this data set. The sample was spiked with the matrix spike compounds. All spike recoveries in the blank spike sample met QC criteria.

Samples Received May 31, 2002 - The laboratory performed one blank spike analysis with this data set. The sample was spiked with all reported analytes. All spike recoveries in the blank spike sample met QC criteria.

Samples Received June 27, 2002 - The laboratory performed one blank spike analysis with this data set. The sample was spiked with the matrix spike compounds. All spike recoveries in the blank spike sample met QC criteria.

Pesticide Analyses

Samples Received November 22, 2000 – Blank spike data was not summarized in this data report.

Samples Received November 30, 2000 – Blank Spike data was not summarized in this data report.

Polychlorinated Biphenyl analyses

Samples Received November 22, 2000 – Blank spike data was not summarized in this data report.

Samples Received November 30, 2000 – Blank Spike data was not summarized in this data report.

DATA USABILITY SUMMARY REPORT (DUSR)
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6. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Samples are then qualified based on blank contamination when detected.

A) Method Blank contamination

Volatile Organic Analyses

Samples Received November 22, 2000 – Three (3) soil and one (1) aqueous method blanks are associated with this data set. The aqueous method blank was free from contamination. The soil method blank analyzed November 27, 2000 was free from contamination. The soil method blanks analyzed 11/28/00 and 12/5/00 each contained Methylene Chloride (0.0048J mg/kg, 0.00375 mg/kg) respectively. When Methylene Chloride was detected in associated field samples, it has been negated in accordance with the validation guidelines.

Qualified data result pages are located in Appendix B of this report.

Samples Received November 30, 2000 - Two (2) method blank analyses are associated with this data set. The aqueous method blank samples were free from contamination of target analytes.

Samples Received May 30, 2002 – Three (3) method blank analyses are associated with this data set. The aqueous method blank was free from contamination of all analytes. Two (2) soil blanks was free from contamination of all target analytes, however, Methylene Chloride was detected at a concentration of 2.24 and 2.60 ug/l. Data was not qualified based on this method blank contamination.

Samples Received May 31, 2002 – Two (2) method blank analyses are associated with this data set. The aqueous method blank was free from contamination of all analytes. The soil blank was free from contamination of all target analytes, however, Methylene Chloride was detected at a concentration of 2.24 ug/l. Data was not qualified based on this method blank contamination.

Samples Received June 27, 2002 – Three (3) method blank analyses are associated with this data set. The aqueous method blank was free from contamination of all analytes. The soil blanks was free from contamination of all target analytes, however, Methylene Chloride was detected at a concentration of 3.63 ug/kg. Data was not qualified based on this method blank contamination.

6. BLANK CONTAMINATION (cont'd)

Base Neutral Semivolatile Organic Analyses

Samples Received November 22, 2000 - One (1) method blank is associated with this data set. It was analyzed on the two instruments that the samples were analyzed on. This method blank contained Bis 2-ethylhexylphthalate and Di-n-butylphthalate. These analytes are common laboratory contaminants. When these analytes were detected in associated field samples, they have been negated in accordance with the validation guidelines.

Qualified data result pages are located in Appendix B of this report.

Samples Received November 30, 2000 – One (1) method blank sample analysis is associated with this data set. The aqueous method blank samples were free from contamination of target analytes.

Samples Received May 30, 2002 - One (1) method blank is associated with this data set. It was analyzed on the two instruments that the samples were analyzed on. The method blank analyzed on GCMS X was free from contamination of all target analytes. The method blank analyzed on GCMS Z was free from contamination of all target analytes. This method blank analysis reported the Bis 2-ethylhexylphthalate (0.88 ppb) and Di-n-butylphthalate (1.04 ppb). Data was not qualified based on this method blank contamination.

Samples Received May 31, 2002 - One (1) method blank is associated with this data set. It was analyzed on the two instruments that the samples were analyzed on. The method blank analyzed on GCMS Z was free from contamination of all target analytes. This method blank analysis reported the Bis 2-ethylhexylphthalate and Di-n-butylphthalate. These analytes are common laboratory contaminants. The method blank sample analyzed on GCMS X was free from contamination of all target analytes. Data was not qualified based on this method blank contamination.

Samples Received June 27, 2002 - Two (2) method blank are associated with this data set. Each was analyzed on Instrument "X". Each of the method blanks were free from contamination of all target analytes.

Pesticide Analyses

Samples Received November 22, 2000 – The method blank associated with this data set was free from contamination of target analytes.

Samples Received November 30, 2000 – One (1) method blank sample analysis is associated with this data set. The aqueous method blank samples were free from contamination of target analytes.

Polychlorinated Biphenyl Analyses

Samples Received November 22, 2000 – The method blank associated with this data set was free from contamination of target analytes.

Samples Received November 30, 2000 – One (1) method blank sample analysis is associated with this data set. The aqueous method blank samples were free from contamination of target analytes.

6. BLANK CONTAMINATION (cont'd)

B) Field Blank contamination

Volatile Organic Analyses

Sample Received November 22, 2000 – Sample PB-FB01-112100S001 was free from contamination of target analytes with the exception of Chloromethane (1.8 J ug/L). This analyte was not detected in any field samples, therefore, no action was taken. Sample PG-FB02-112100S001 was free from contamination of target analytes.

Sample Received November 30, 2000 – Sample PB-FB-01-112900WQ01 was free from contamination of target analytes.

Samples Received May 30, 2002 – Two (2) field blank samples are associated with this data set. Both Field blank samples were free from contamination of all target analytes.

Samples Received May 31, 2002 – Sample PG-FB-01-053002WQ01 was free from contamination of all target organic analytes.

Samples Received June 27, 2002 – Sample PG-FB-01-062602WQ01 was free from contamination of all target organic analytes.

Base Neutral Semivolatile Organic Analyses

Sample Received November 22, 2000 – The Field Blank samples were not analyzed for this parameter.

Sample Received November 30, 2000 – Sample PB-FB-01-112900WQ01 was free from contamination of target analytes with the exception of Bis(2-ethylhexyl)phthalate (11 ug/l). , This analyte was detected in all of the samples in this data set and has been qualified as required.

Qualified data result pages are located in Appendix B of this report.

Pesticide Analyses

Sample Received November 22, 2000 – The Field Blank samples were not analyzed for this parameter.

Sample Received November 30, 2000 – Sample PB-FB-01-112900WQ01 was free from contamination of target analytes.

Polychlorinated Biphenyl Analyses

Sample Received November 22, 2000 – The Field Blank samples were not analyzed for this parameter.

Sample Received November 30, 2000 – Sample PB-FB-01-112900WQ01 was free from contamination of target analytes.

C) Trip Blank contamination

Volatile Organic Analyses

Sample Received November 22, 2000 – A Trip Blank was not submitted with this data set.

Sample Received November 30, 2000 – Sample PB-TB-01-112900WQ01 was free from contamination of target analytes.

7. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance. USEPA data validation criteria is the same for all analytes in both GC/MS Volatile and GC/MS Semivolatile Organic analyses, therefore, all text discussion is for VOA and SVOA samples analyses.

A) RESPONSE FACTOR
The response factor measures the instrument's response to specific chemical compounds. USEPA data review requires that the response factor of all analytes be greater than or equal to 0.05 in both initial and continuing calibration analyses. A value less than 0.05 indicates a serious detection and quantitation problem (poor sensitivity). USEPA data validation criteria states that if the minimum RRF criteria is not met in an initial calibration the positive results are qualified "J". Non detect results in the initial calibration with a RRF <0.05 are qualified "R", unusable. If RRF criteria is not met in the continuing calibration curve analysis, effected positive analytes will be qualified "J" estimated. Those analytes not detected are not qualified. The SW-846 Methods cite specific analytes known as System Performance Check Compounds (SPCC). Minimum response criteria is set for these analytes. If the minimum criteria is not met, analyses must stop and the source of problems must be found and corrected. Data associated with this set has been reviewed for the criteria in the cited in the EPA Method and the USEPA criteria.

Volatile Organic Analyses

Samples Received November 22, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received November 30, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

7. GC/MS CALIBRATION (cont'd):

Volatile Organic Analyses

Samples Received May 30, 2002 – One (1) aqueous calibration curve is associated with this data set. The laboratory performed an initial five (5) point multi level calibration on June 3, 2002. The RRF of all target analytes met QC criteria with the exception of Tert-Butyl Alcohol (TBA) (0.033). This analyte has been qualified "R" unusable, due to the low response factor, in all of the aqueous sample in this data set. One (1) soil calibration curve is associated with this data set. The laboratory performed an initial five (5) point multi level calibration on May 20, 2002. The RRF of all target analytes met QC criteria with the exception of Tert-Butyl Alcohol (TBA) (0.024). This analyte has been qualified "R" unusable, due to the low response factor, in all of the soil samples in this data set.

Three (3) continuing calibration standards are associated with the aqueous sample analyses. The analytes with low response factors in the initial calibration curve were also low in the continuing calibration standard analyses. No additional action was taken.

All qualified data result pages are located in Appendix B of this report.

Samples Received May 31, 2002 - One (1) aqueous calibration curve is associated with this data set. The laboratory performed an initial five (5) point multi level calibration on June 3, 2002. The RRF of all target analytes met QC criteria with the exception of Tert-Butyl Alcohol (TBA) (0.0329). This analyte has been qualified "R" unusable, due to the low response factor, in all of the aqueous sample in this data set. One (1) soil calibration curve is associated with this data set. The laboratory performed an initial five (5) point multi level calibration on May 20, 2002. The RRF of all target analytes met QC criteria with the exception of Tert-Butyl Alcohol (TBA) (0.0386). This analyte has been qualified "R" unusable, due to the low response factor, in all of the soil samples in this data set.

Three (3) continuing calibration standards are associated with the aqueous sample analyses. The analytes with low response factors in the initial calibration curve were also low in the continuing calibration standard analyses. No additional action was taken.

All qualified data result pages are located in Appendix B of this report.

Samples Received June 27, 2002 - One (1) aqueous calibration curve is associated with this data set. The laboratory performed an initial five (5) point multi level calibration on July 8, 2002. The RRF of all target analytes met QC criteria in this calibration curve analysis. Two (2) soil calibration curves are associated with this data set. The laboratory performed an initial five (5) point multi level calibration on June 26, 2002 and June 27, 2002. In the calibration curve analyzed June 26, 2002, the RRF of all target analytes met QC criteria with the exception of Tert-Butyl Alcohol (TBA) (0.0272). In the calibration curve analyzed July 8, 2002, the RRF of all target analytes met QC criteria with the exception of Tert-Butyl Alcohol (TBA) (0.0236). This analyte has been qualified "R" unusable, due to the low response factor, in all of the soil samples in this data set.

One (1) continuing calibration standard is associated with the samples in this data set. The analytes with low response factors in the initial calibration curve were also low in the continuing calibration standard analyses. No additional action was taken.

All qualified data result pages are located in Appendix B of this report.

7. GC/MS CALIBRATION (cont'd)

Base Neutral Semivolatile Organic Analyses

Samples Received November 22, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received November 30, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received May 30, 2002 –

Three (3) initial calibration curves are associated with this data set. The laboratory performed the initial multi level calibrations on May 28, 2002, June 5, 2002 and June 6, 2002. The RRF for all target compounds met QC criteria in each of the initial calibration curves. Four (4) continuing calibration standards are associated with this data set. The response factor of each target analyte met QC criteria.

Samples Received May 31, 2002 –

Three (3) initial calibration curves are associated with this data set. The laboratory performed the initial multi level calibrations on May 28, 2002 and June 5, 2002. The RRF for all target compounds met QC criteria in each of the initial calibration curves. Two (2) continuing calibration standards are associated with this data set. The response factor of each target analyte met QC criteria.

Samples Received June 27, 2002 –

Two (2) initial calibration curves are associated with this data set. The laboratory performed the initial multi level calibrations on July 2, 2002. The RRF for all target compounds met QC criteria in each of the initial calibration curves. Four (4) continuing calibration standards are associated with this data set. The response factor of each target analyte met QC criteria.

7. GC/MS CALIBRATION (cont'd)

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the compounds in the continuing calibration standard to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Region II data validation criteria states that the percent RSD of the initial calibration curve must be less than or equal to 30%. The %D must be <25% in the continuing calibration standard. This criteria has been applied to all target analytes. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects may be flagged "UJ", based on professional judgement. If %RSD and %D grossly exceed QC criteria (>90%), non-detects data may be qualified "R", unuseable. Data associated with this set has been reviewed for the criteria in the cited in the USEPA Data Validation Guidelines.

Volatile Organic Analyses

Samples Received November 22, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received November 30, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received May 30, 2002 - One (1) aqueous calibration curve is associated with this data set. All target analyte RSD% met QC criteria.

One (1) soil calibration curve is associated with this data set. All target analyte RSD% met QC criteria.

Three (3) continuing calibration standards are associated with the samples in this data set. The %Difference of all target analytes met QC criteria in the CCV associated with the soil samples. The %Difference of all target analytes met QC criteria for all target analytes with the exception of that listed below:

Date of Analysis	File ID	Analyte	%Difference
6/4/02	FB2957.D	Tert-Butyl Alcohol	47.44
		Naphthalene	46.30
		Methyl-t-butyl Ether	26.85

The aqueous samples have been qualified "UJ/J" estimated for the analytes that did not meet %Difference QC criteria with the exception of Tert Butyl Alcohol. This analyte was previously qualified "R" unusable due to the low response factor in both the initial and continuing calibration standard analysis.

Qualified data result pages are located in Appendix B of this report.

7. GC/MS CALIBRATION (cont'd)

Volatile Organic Analyses

Samples Received May 31, 2002 - One (1) aqueous calibration curve is associated with this data set. All target analyte RSD% met QC criteria.

One (1) soil calibration curve is associated with this data set. All target analyte RSD% met QC criteria.

Three (3) continuing calibration standards are associated with the samples in this data set. The %Difference of all target analytes met QC criteria in the CCV associated with the soil samples. The %Difference of all target analytes met QC criteria for all target analytes with the exception of that listed below:

Date of Analysis	File ID	Analyte	%Difference
6/4/02	FB2957.D	Tert-Butyl Alcohol	47.44
		Naphthalene	46.30
		Methyl-t-butyl Ether	26.85

The aqueous sample has been qualified "UJ/J" estimated for the analytes that did not meet %Difference QC criteria with the exception of Tert Butyl Alcohol. This analyte was previously qualified "R" unusable due to the low response factor in both the initial and continuing calibration standard analysis.

Qualified data result pages are located in Appendix B of this report.

Samples Received June 27, 2002 - One (1) aqueous calibration curve is associated with this data set. All target analyte RSD% met QC criteria.

Two (2) soil calibration curves are associated with this data set. All target analyte RSD% met QC criteria in each of the calibration curves.

One (1) continuing calibration standards are associated with the samples in this data set. The %Difference of all target analytes met QC criteria in the CCV associated with the soil samples.

7. GC/MS CALIBRATION (cont'd):

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D) (Cont'd)

Base Neutral Semivolatile Organic Analyses –

Samples Received November 22, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received November 30, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received May 30, 2002 - All %RSD criteria of the target analytes was met in each of the initial calibration curves analyzed in this data set. Four (4) continuing calibration standard analyses are associated with this data set. All QC criteria (%D) of the target analytes was met in each of the continuing calibration standard analyses associated with this data set.

Samples Received May 31, 2002 - All %RSD criteria of the target analytes was met in each of the initial calibration curves analyzed in this data set. Two (2) continuing calibration standard analyses are associated with this data set. All QC criteria (%D) of the target analytes was met in each of the continuing calibration standard analyses associated with this data set.

Samples Received June 27, 2002 - All %RSD criteria of the target analytes was met in each of the initial calibration curves analyzed in this data set. Four (4) continuing calibration standard analyses are associated with this data set. All QC criteria (%D) of the target analytes was met in each of the continuing calibration standard analyses associated with this data set.

8. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). The tuning compound for semivolatile organic analyses is decafluorotriphenylphosphine (DFTPP). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

Volatile Organic Analyses/Base Neutral Semivolatile Organic Analyses

Samples Received November 22, 2000 – BFB and DFTPP Tune criteria was not submitted with this sample set. Data was not reviewed/qualified based on Tune data.

Samples Received November 30, 2000 – BFB and DFTPP Tune criteria was not submitted with this sample set. Data was not reviewed/qualified based on calibration data.

Samples Received May 30, 2002 - All instrument Tuning criteria (BFB/DFTPP) was met for these sample analyses.

Samples Received May 31, 2002 - All instrument Tuning criteria (BFB/DFTPP) was met for these sample analyses.

Samples Received June 27, 2002 - All instrument Tuning criteria (BFB/DFTPP) was met for these sample analyses.

DATA USABILITY SUMMARY REPORT (DUSR)
HH-Port Ivory Site

9. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. The method recommends that the internal standard area count must not vary by more than a factor of 2 (-50%to +100%) from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than ±30 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. The internal standard evaluation criteria is applied to all field and QC samples.

Volatile Organic Analyses

Samples Received November 22, 2000 – Internal Standard area counts and retention time data was not submitted with this sample set. Data was not reviewed/qualified based on this data.

Samples Received November 30, 2000 – Initial and Continuing calibration data was not submitted with this sample set. Data was not reviewed/qualified based on this data.

Samples Received May 30, 2002 – All internal standard area counts and retention times met QC criteria in the samples associated with this data set. The Internal Standard area of 1,4-Dichlorobenzene-d4 exceeded QC criteria in the initial analysis of sample PG-PGA5N5-052802S002. The sample was reanalyzed, all QC criteria was met. Data from the reanalysis was reported.

Samples Received May 31, 2002 – All internal standard area counts and retention times met QC criteria in the samples associated with this data set.

Samples Received June 27, 2002 – All internal standard area counts and retention times met QC criteria in the samples associated with this data set.

9. GC/MS INTERNAL STANDARDS PERFORMANCE (cont'd):

Base Neutral Semivolatile Organic Analyses

Samples Received November 22, 2000 – Internal Standard area counts and retention time data was not submitted with this sample set. Data was not reviewed/qualified based on this data.

Samples Received November 30, 2000 – Internal Standard area counts and retention time data was not submitted with this sample set. Data was not reviewed/qualified based on this data.

Samples Received May 30, 2002 - All samples were fortified with the internal standards 1,4-Dichlorobenzene-d4, Naphthalene-d8, Acenaphthene-d10, Phenanthrene-d10, Chrysene-d12 and Perylene-d12. All Internal Standard QC criteria was met for these analyses with the exception of Phenanthrene-d10 in sample PG-PGA5N5-052802S002. The sample was reanalyzed and comparable data was obtained.. The data from the initial analysis was reported. The target analytes associated with this Internal Standard have been qualified "UJ/J" estimated.

Qualified data result pages are located in Appendix B of this report.

Samples Received May 31, 2002 - All samples were fortified with the internal standards 1,4-Dichlorobenzene-d4, Naphthalene-d8, Acenaphthene-d10, Phenanthrene-d10, Chrysene-d12 and Perylene-d12. All Internal Standard QC criteria was met for these analyses with the exception of sample PG-PGB2W4-053002S001 and the associated MS/MSD. The sample was reanalyzed and all Internal Standard QC criteria were met. The data from the reanalysis was reported in the data set.

Samples Received June 27, 2002 – All internal standard area counts and retention times met QC criteria in the samples associated with this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
HH-Port Ivory Site

10. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound. Target compounds are identified on the GC by using the analytes retention time. Concentration is quantitated from the initial calibration curve.

Volatile Organic Analyses

Samples Received November 22, 2000 – Samples were analyzed via EPA Method 8260. Tentatively Identified Compounds (TIC's) were reported with this data set. The total TIC's were not summarized on the laboratory Report of Analysis data sheets. The laboratory did not provide analyte spectra or TIC scans for review with this data report. All sample results were reported to the MDL/ PQL when dilution was not performed. Data was reported in accordance with the cited method.

Sample PG-UST7-2-112100S005 was analyzed at a five (5) time dilution due to the matrix interference exhibited in the sample chromatogram.

Sample PG-UST7-2-112100S006 was analyzed at a five (5) time dilution due to the matrix interference exhibited in the sample chromatogram.

Sample PG-PD-06-112100S004 was analyzed at a five (5) time dilution due to the matrix interference exhibited in the sample chromatogram.

Samples Received November 30, 2000 – Samples were analyzed via EPA Method 8260. Tentatively Identified Compounds (TIC's) were reported with this data set. The total TIC's were not summarized on the laboratory Report of Analysis data sheets. The laboratory did not provide analyte spectra or TIC scans for review with this data report. All sample results were reported to the MDL/ PQL when dilution was not performed. Data was reported in accordance with the cited method.

Samples Received May 30, 2002 – Tentatively Identified Compounds (TIC's) were not requested with this data set. The laboratory did not provide analyte spectra for review with this data report. The soil samples and Field Blank samples in this data set were free from contamination of all target analytes. All samples were analyzed without dilution. Soil sample data are reported on a dry weight basis.

Samples Received May 31, 2002 – Tentatively Identified Compounds (TIC's) were not requested with this data set. The laboratory did not provide analyte spectra for review with this data report. The soil samples and Field Blank samples in this data set were free from contamination of all target analytes.

Samples Received June 27, 2002 – Tentatively Identified Compounds (TIC's) were not requested with this data set. The laboratory did not provide analyte spectra for review with this data report. The Field Blank sample in this data set was free from contamination of all target analytes. The chromatogram of sample PG-PGB3E3-062602S003 exhibited matrix interference. The sample was analyzed without dilution and reported. All QC associated with this sample met QC criteria except where noted in the above report.

10. COMPOUND IDENTIFICATION (cont'd):

Base Neutral Semivolatile Organic Analyses

Samples Received November 22, 2000 – Samples were analyzed via EPA Method 8270. Tentatively Identified Compounds (TIC's) were reported with this data set. The total TIC's were not summarized on the laboratory Report of Analysis data sheets. The laboratory did not provide analyte spectra or TIC scans for review with this data report. All sample results were reported to the MDL/ PQL when dilution was not performed. Data was reported in accordance with the cited method.

A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

Samples Received November 30, 2000 – Samples were analyzed via EPA Method 8270. Tentatively Identified Compounds (TIC's) were reported with this data set. The total TIC's were not summarized on the laboratory Report of Analysis data sheets. The laboratory did not provide analyte spectra or TIC scans for review with this data report. All sample results were reported to the MDL/ PQL when dilution was not performed. Data was reported in accordance with the cited method.

Samples Received May 30, 2002 – Samples were analyzed via EPA Method 8270. The soil samples in this data set were reported to the laboratory method detection limit. All soil sample results were reported on a dry weight basis. All sample extracts were analyzed without dilution. Low-level target analytes were detected in each of the sample extracts. Spectra for positive analytes were not provided by the laboratory for review.

A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

Samples Received May 31, 2002 – Samples were analyzed via EPA Method 8270. The soil samples in this data set were reported to the laboratory method detection limit. All soil sample results were reported on a dry weight basis. All sample extracts were analyzed without dilution. Low-level target analytes were detected in each of the sample extracts. Spectra for positive analytes were not provided by the laboratory for review.

A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

Samples Received June 27, 2002 – Samples were analyzed via EPA Method 8270. The soil samples in this data set were reported to the laboratory method detection limit. All sample extracts were analyzed without dilution. Low-level target analytes were detected in each of the sample extracts. Spectra for positive analytes were not provided by the laboratory for review. All soil sample results were reported on a dry weight basis.

A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

DATA USABILITY SUMMARY REPORT (DUSR)
HH-Port Ivory Site

10. COMPOUND IDENTIFICATION (cont'd)

Pesticide Analyses

Samples Received November 22, 2000 – Samples were analyzed via EPA Method 8081. All sample results were reported to the MDL/ PQL. Data was reported in accordance with the cited method.

A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

Samples Received November 30, 2000 – Samples were analyzed via EPA Method 8081. All sample results were reported to the MDL/ PQL. Data was reported in accordance with the cited method.

Polychlorinated Biphenyl Analyses

Samples Received November 22, 2000 – Samples were analyzed via EPA Method 80821. All sample results were reported to the MDL/ PQL. Data was reported in accordance with the cited method.

A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

Samples Received November 30, 2000 – Samples were analyzed via EPA Method 80821. All sample results were reported to the MDL/ PQL. Data was reported in accordance with the cited method.

12 OVERALL ASSESSMENT:

Analytical QC criteria was met for these analyses. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

All data was reported to the laboratory MDL/PQL on the result page. Soil sample results are reported on a dry weight basis. A number of the samples exhibited matrix interference in the sample chromatogram. Additional cleanup procedures or extract dilution may have reduced the matrix interference. This may have lead to the detection of additional target analytes in the effected samples.

The data provided for this data set is acceptable for use, with the noted data qualifiers.

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Total Metals, Miscellaneous Wet Chemistry**
SITE:	**Port Ivory**
CONTRACT LAB:	**Veritech Laboratories Fairfield, New Jersey**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**August, 2003**
MATRIX:	**Aqueous and Non-Aqueous**

This data assessment is for eight (8) aqueous, thirteen (13) soil and two (2) Field Blank samples collected November 21, 2000 and delivered to Veritech Laboratories located in Fairfield, NJ. An additional four (4) aqueous, one (1) Trip Blank and one (1) Field Blank sample were collected November 29, 2000 and shipped to Veritech Laboratories and received at the laboratory on November 30, 2000.

The data evaluation was performed according to the guidelines noted in the "National Functional Guidelines for Inorganic Data Review, February 1994 and the NYSDEC ASP. A Data Usability Summary Report (DUSR) has been prepared in accordance with the guidelines of the Division of Environmental Remediation.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

Table 1 of this report contains a cross reference between the Field Sample ID's and the Laboratory Sample ID's.

The samples were also analyzed for a number of organic parameters. The data review associated with the inorganic analytes is located in the Inorganic Data Usability Report (DUSR). Appendix A of this Data Usability Summary Report (DUSR) contains a summary of the data qualifiers that may be used in the report. Appendix B contains the qualified data result pages. Appendix C contains the Chain of Custody (COC) documents associated with this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
PORT IVORY SITE

1. OVERVIEW

Samples Collected 11/21/00, Received 11/22/00 – Twenty one (21) soil and two (2) Field Blank samples were collected on November 21, 2000 and delivered to the Veritech Laboratories in Fairfield, NJ. The samples were reported in laboratory report 11240942. The samples were analyzed for the parameters listed on the COC documents. New Jersey Reduced Deliverables were requested on the COC documents.

Samples Collected 11/29/00, Received 11/30/00 – Four (4) aqueous, one (1) Field Blank and one (1) Trip Blank were collected on November 29, 2000 and delivered to the Veritech Laboratories in Fairfield, NJ. The samples were reported in laboratory report 12011513. The samples were analyzed for the parameters listed on the COC documents. New Jersey Reduced Deliverables were requested on the COC documents.

2. HOLDING TIME

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Metals with the exception of Mercury, are required to be digested and analyzed within 180 days of Verified Time of Sample Receipt (VTSR). Mercury samples are to be digested and analyzed within 26 days of VTSR. The miscellaneous wet chemistry analytes have specific holding times cited in the approved method.

Samples Collected 11/21/00, Received 11/22/00 - Sample preparation data was not provided in the data report. The laboratory chronicles listed both the preparation date and analysis dates for the TAL metals and miscellaneous Wet Chemistry analyses. Based on the data provided, all samples were prepared and analyzed within the method holding time.

Samples Collected 11/29/00, Received 11/30/00 - Sample preparation data was not provided in the data report. The laboratory chronicles listed both the preparation date and analysis dates for the TAL metals and miscellaneous Wet Chemistry analyses. Based on the data provided, all samples were prepared and analyzed within the method holding time.

3. CALIBRATION ANALYSIS

Inductively Coupled Plasma (ICP) was utilized for these analyses. The ICP was calibrated using the calibration standards required by the manufacturer. An initial calibration verification (ICV) standard is then analyzed to verify instrument calibration.

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide calibration data for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide calibration data for this data set.

4. ICP CRDL STANDARD

The CRDL standard is used for the verification of instrument linearity near the CRDL. The CRDL standard control limits are 80%-120% recovery. If the CRDL standard falls outside of the control limits, associated data less than or equal to the 10X the CRDL are qualified estimated (J or UJ) or rejected (R) depending on the recovery of the CRDL standard and the concentration of the analyte in the sample. When the CRDL standard exceeds the control limit, indicating a high bias samples are qualified estimated (J or UJ).

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide CRDL standard data for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide CRDL standard data for this data set.

5. ICP INTERFERENCE CHECK STANDARD

The Interference Check Standard (ICS) is used to verify the laboratory interelement and background correction factors of the ICP. Two solutions comprise the ICS A and ICS AB. Solution A consists of the interferent metals while solution AB is the group of target analytes and the interferents metals. An ICS analysis consists of analyzing both solutions consecutively for all wavelengths used for each analyte reported by ICP.

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide ICSA and ICSAB data for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide ICSA and ICSAB data for this data set.

6. MATRIX SPIKE (MS) ANALYSIS

The spike sample analysis provides information about the effect of the sample matrix upon the digestion and measurement methodology. The spike control limits are 75%-125% when the sample concentration is less than four (4) times the spike added. If the matrix spike recoveries fall in the range of 30%-74%, the sample results are may be biased low and are qualified as estimated (J or UJ). If the matrix spike recoveries fall in the range of 126%-200%, sample results may be biased high. Positive results are qualified estimated (J). If the spike recovery is greater than 125% and the reported sample results are less than the IDL the data point is acceptable for use. If the matrix spike recovery is greater than 200%, the associated sample data are unusable and are rejected (R). If matrix spike results are less than 30%, the associated non-detect results are qualified unusable and rejected (R), and the results reported above the IDL are qualified estimated (J).

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide Matrix Spike data to review for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide Matrix Spike data to review for this data set.

7. POST DIGESTION SPIKE ANALYSIS

The post digestion spike sample analysis provides additional information about the effect of the sample matrix upon the digestion and measurement methodology. The post digestion spike is performed for each analyte that the pre-digestion spike recovery falls outside the 75-125% control limit.

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide Post Digestion Spike data to review for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide Post Digestion Spike data to review for this data set.

8. DUPLICATE SAMPLE ANALYSIS

The laboratory duplicate sample analysis is used to evaluate the laboratory precision of the method for each analyte. If the duplicate sample analysis results for a particular analyte fall outside the control windows of 20% RPD or +/- CRDL, whichever is appropriate depending upon the concentration of the sample, the associated sample results are qualified "J" estimated.

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide Duplicate sample data to review for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide Duplicate sample data to review for this data set.

9. ICP SERIAL DILUTION

The serial dilution analysis indicates whether significant physical or chemical interference's exist due to the sample matrix. If the concentration of any analyte in the original sample is greater than 50 times the instrument detection limit (IDL), an analysis of a 5-fold dilution samples must yield results which have a percent difference (%D) of less than or equal to 10 with the original sample results. If the %D of the serial dilution exceeds the 10% (and is not greater than 100%) for a particular analyte, all the associated sample results are qualified estimated (J).

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide ICP Serial Dilution data to review for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide ICP Serial Dilution data to review for this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
PORT IVORY SITE

10. BLANKS

Blank analyses are assessed to determine the existence and magnitude of contamination problems. The criteria for the evaluation of blanks applies to all blanks, including but not limited to reagent blanks, method blanks and field blanks. The responsibility for action in the case of an unsuitable blank result depends upon the circumstances and the origin of the blank itself. If the problem with any blank exists, then all associated data must be carefully evaluated to determine whether there is inherent variability in the data for that case, or the problem is an isolated occurrence not affecting other data.

Samples Collected 11/21/00, Received 11/22/00 – The laboratory provided method blank data with the data set. The summary forms indicate that all ICB and CCB data associated with the TAL Metals met QC criteria.

The Method Blank data associated with the Wet Chemistry analytes was free from contamination.

The Field Blank Samples were not analyzed for TAL Metals or the Wet Chemistry analytes.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory provided method blank data with the data set. The summary forms indicate that all ICB and CCB data associated with the TAL Metals met QC criteria.

The Method Blank data associated with the Wet Chemistry analytes was free from contamination.

The Field Blank Samples were not analyzed for TAL Metals or the Wet Chemistry analytes.

11. LABORATORY CONTROL SAMPLE ANALYSIS (LCS)

The laboratory control sample (LCS) analysis provides information about the efficiency of the laboratory digestion procedure. If the recovery of any analyte is outside the established control limits, then laboratory performance and method accuracy are in question. Professional judgment is used to determine of data should be qualified or rejected.

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide LCS data to review for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide LCS data to review for this data set.

12. INSTRUMENT QC DATA

Samples Collected 11/21/00, Received 11/22/00 – The laboratory did not provide Instrument QC Data to review for this data set.

Samples Collected 11/29/00, Received 11/30/00 – The laboratory did not provide Instrument QC Data to review for this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
PORT IVORY SITE

13. COMPOUND IDENTIFICATION

Samples Collected 11/21/00, Received 11/22/00 - The samples in this data set were analyzed for TAL Metals. Sample data was summarized on the Report of Analysis pages. Raw data was not provided for review with this data set. The samples were analyzed for miscellaneous wet chemistry analytes. Raw data was not provided for review.

Samples Collected 11/29/00, Received 11/30/00 - The samples in this data set were analyzed for TAL Metals. Sample data was summarized on the Report of Analysis pages. Raw data was not provided for review with this data set. The samples were analyzed for miscellaneous wet chemistry analytes. Raw data was not provided for review.

14. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

This data set included the reporting of twelve (12) aqueous, thirteen (13) soil and one (1) Trip Blank and three (3) Field Blank samples. The samples were analyzed TAL metals and Wet Chemistry analytes as noted on the COC documents that accompanied the data set.

Based on the limited data provided for review, the data results associated with this sampling event are valid and acceptable for use with the noted data qualifiers.

Premier Environmental Services.

TABLE 1

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Premier Environmental Services.

CLIENT SAMPLE ID	LABORATORY SAMPLE ID
PG-SW-01-1122100WS01	AB19604
PG-SW-02-1122100WS02	AB19605
PG-SW-03-1122100WS03	AB19606
PG-SED-1-112100SD01	AB19607
PG-SED-2-112100SD01	AB19608
PG-SED-3-112100SD01	AB19609
PG-SED-4-112100SD01	AB19610
PG-SED-5-112100SD01	AB19611
PG-UST7-2-112100S005	AB19612
PG-UST7-2-112100S006	AB19613
PPG-FILL11-112100S001	AB19614
PPG-FILL11-112100S002	AB19615
PG-PD-01-112100S002	AB19616
PG-PD-01-112100S006	AB19617
PG-PD-06-112100S004	AB19618
PG-PD-06-112100S007	AB19619
PG-G-02-112100S001	AB19620
PG-G-02-112100S003	AB19621
PG-G-02-112100S004	AB19622
PG-G-7N-112100S005	AB19623
PG-G-7N-112100S006	AB19624
PG-FB01-112100S001	AB19625
PG-FB02-112100S001	AB19626
PG-PAMW01D112900WG01	AB20012
PG-TMW-01-112900WG01	AB20013
PG-PAMW11D112900WG01	AB20014
PG-BW-13-112900WG01	AB20015
PG-FB-01-112900WQ01	AB20016
PG-TB-01-112900WQ01	AB20017

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CLIENT SAMPLE ID	LABORATORY SAMPLE ID
PG-PGA5N5-052802S001	AB58483
PG-PGA5N5-052802S002	AB58484
PG-PGA5E3-052902S002	AB58485
PG-PGA5E3-052902S003	AB58486
PG-PGA5W5-052902S001	AB58487
PG-PGA5W5-052902S002	AB58488
PG-PGA5W5-052902S003	AB58489
PG-PGFB01-052802WQ01	AB58490
PG-PGFB01-052902WQ01	AB58491
PG-PGB2W4-053002S001	AB58574
PG-PGB2W4-053002S002	AB58575
PG-FB-01-053002WQ01	AB58576
PG-PGB3E3-0626025003	AB60464
PG-PGOP1S1-0626025003	AB60465
PG-PGOP1W1-0626025003	AB60466
PG-FB-01-062602WQ01	AB60467

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APPENDIX A

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
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DATA QUALIFIER DEFINITIONS

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identiifed" and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are unreliable/unuseable. The presence or absence of the analyte cannot be verified.

K – The analyte is present. The reported value may be biased high. The actual value is expected to be lower than reported.

L - The analyte is present. The reported value may be biased low. The actual value is expected to be higher than reported.

UL – The analyte was not detected, and the reported quantitation limit is probably higher than reported.

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APPENDIX B

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis

veritech laboratories

To: PORT AUTHORITY OF NY & NJ
MATERIALS ENGINEERING DIV.
241 ERIE ST.
ROOM 234
JERSEY CITY NJ 07310-1397

Attention: Dorian Bailey
Project: HH-Port Ivory P&G Site

Date Collected: 5/28/02
Date Submitted: 5/31/02
Date Reported: 6/7/02

Lab#	Sample ID	TestGroup/Analyte	Units	MDL PQL RL	Result
AB58483	**PG-PGA5N5-052802SO01**				
		% Solids SM2540G			
		% Solids	percent		74
		Base Neutrals (Stars List 2) 8270			
		Acenaphthene	mg/kg	0.45	0.11J
		Anthracene	mg/kg	0.45	0.23J
		Benzo[a]anthracene	mg/kg	0.45	0.28J
		Benzo[a]pyrene	mg/kg	0.45	0.29J
		Benzo[b]fluoranthene	mg/kg	0.45	0.76
		Benzo[g,h,i]perylene	mg/kg	0.45	0.22J
		Benzo[k]fluoranthene	mg/kg	0.45	0.24J
		Chrysene	mg/kg	0.45	0.40J
		Dibenzo[a,h]Anthracene	mg/kg	0.45	ND
		Fluoranthene	mg/kg	0.45	0.85
		Fluorene	mg/kg	0.45	0.12J
		Indeno[1,2,3-cd]pyrene	mg/kg	0.45	0.26J
		Naphthalene	mg/kg	0.45	0.37J
		Phenanthrene	mg/kg	0.45	0.61
		Pyrene	mg/kg	0.45	0.52
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	mg/kg	0.0014	ND
		1,3,5-Trimethylbenzene	mg/kg	0.0014	ND
		4-Isopropyltoluene	mg/kg	0.0014	ND
		Benzene	mg/kg	0.0014	ND
		Ethylbenzene	mg/kg	0.0014	ND
		Isopropylbenzene	mg/kg	0.0014	ND
		M&p-Xylenes	mg/kg	0.0027	ND
		Methyl-t-butyl ether	mg/kg	0.0014	ND
		Naphthalene	mg/kg	0.0014	ND
		N-Butylbenzene	mg/kg	0.0014	ND
		N-Propylbenzene	mg/kg	0.0014	ND
		O-Xylene	mg/kg	0.0014	ND
		Sec-Butylbenzene	mg/kg	0.0014	ND
		t-Butyl Alcohol	mg/kg	0.014	ND R
		T-Butylbenzene	mg/kg	0.0014	ND
		Toluene	mg/kg	0.0014	ND
AB58484	**PG-PGA5N5-052802SO02**				
		% Solids SM2540G			
		% Solids	percent		64
		Base Neutrals (Stars List 2) 8270			
		Acenaphthene	mg/kg	0.52	ND
		Anthracene	mg/kg	0.52	ND UJ
		Benzo[a]anthracene	mg/kg	0.52	0.10J
		Benzo[a]pyrene	mg/kg	0.52	0.074J
		Benzo[b]fluoranthene	mg/kg	0.52	0.17J
		Benzo[g,h,i]perylene	mg/kg	0.52	ND
		Benzo[k]fluoranthene	mg/kg	0.52	0.067J
		Chrysene	mg/kg	0.52	0.14J
		Dibenzo[a,h]Anthracene	mg/kg	0.52	ND
		Fluoranthene	mg/kg	0.52	6.1 J
		Fluorene	mg/kg	0.52	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.52	ND
		Naphthalene	mg/kg	0.52	0.17J
		Phenanthrene	mg/kg	0.52	ND UJ
		Pyrene	mg/kg	0.52	0.25J
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	mg/kg	0.0016	ND
		1,3,5-Trimethylbenzene	mg/kg	0.0016	ND
		4-Isopropyltoluene	mg/kg	0.0016	ND
		Benzene	mg/kg	0.0016	ND
		Ethylbenzene	mg/kg	0.0016	ND
		Isopropylbenzene	mg/kg	0.0016	ND
		M&p-Xylenes	mg/kg	0.0031	ND
		Methyl-t-butyl ether	mg/kg	0.0016	ND
		Naphthalene	mg/kg	0.0016	ND
		N-Butylbenzene	mg/kg	0.0016	ND
		N-Propylbenzene	mg/kg	0.0016	ND
		O-Xylene	mg/kg	0.0016	ND
		Sec-Butylbenzene	mg/kg	0.0016	ND
		t-Butyl Alcohol	mg/kg	0.016	ND R
		T-Butylbenzene	mg/kg	0.0016	ND
		Toluene	mg/kg	0.0016	ND

ND = Not Detected

Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result
AB58485	**PG-PGA5E3-052902SO02**			
% Solids SM2540G				
% Solids		percent		82
Base Neutrals (Stars List 2) 8270				
Acenaphthene		mg/kg	0.41	ND
Anthracene		mg/kg	0.41	ND
Benzo[a]anthracene		mg/kg	0.41	ND
Benzo[a]pyrene		mg/kg	0.41	ND
Benzo[b]fluoranthene		mg/kg	0.41	ND
Benzo[g,h,i]perylene		mg/kg	0.41	ND
Benzo[k]fluoranthene		mg/kg	0.41	ND
Chrysene		mg/kg	0.41	ND
Dibenzo[a,h]Anthracene		mg/kg	0.41	ND
Fluoranthene		mg/kg	0.41	ND
Fluorene		mg/kg	0.41	ND
Indeno[1,2,3-cd]pyrene		mg/kg	0.41	ND
Naphthalene		mg/kg	0.41	ND
Phenanthrene		mg/kg	0.41	ND
Pyrene		mg/kg	0.41	ND
Volatile Organics (Stars List) 8260				
1,2,4-Trimethylbenzene		mg/kg	0.0012	ND
1,3,5-Trimethylbenzene		mg/kg	0.0012	ND
4-Isopropyltoluene		mg/kg	0.0012	ND
Benzene		mg/kg	0.0012	ND
Ethylbenzene		mg/kg	0.0012	ND
Isopropylbenzene		mg/kg	0.0012	ND
M&p-Xylenes		mg/kg	0.0024	ND
Methyl-t-butyl ether		mg/kg	0.0012	ND
Naphthalene		mg/kg	0.0012	ND
N-Butylbenzene		mg/kg	0.0012	ND
N-Propylbenzene		mg/kg	0.0012	ND
O-Xylene		mg/kg	0.0012	ND
Sec-Butylbenzene		mg/kg	0.0012	ND
t-Butyl Alcohol		mg/kg	0.012	ND R
T-Butylbenzene		mg/kg	0.0012	ND
Toluene		mg/kg	0.0012	ND

Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result
AB58486	**PG-PGA5E3-052902SO03**			
% Solids SM2540G				
% Solids		percent		79
Base Neutrals (Stars List 2) 8270				
Acenaphthene		mg/kg	0.42	ND
Anthracene		mg/kg	0.42	ND
Benzo[a]anthracene		mg/kg	0.42	ND
Benzo[a]pyrene		mg/kg	0.42	ND
Benzo[b]fluoranthene		mg/kg	0.42	ND
Benzo[g,h,i]perylene		mg/kg	0.42	ND
Benzo[k]fluoranthene		mg/kg	0.42	ND
Chrysene		mg/kg	0.42	ND
Dibenzo[a,h]Anthracene		mg/kg	0.42	ND
Fluoranthene		mg/kg	0.42	ND
Fluorene		mg/kg	0.42	ND
Indeno[1,2,3-cd]pyrene		mg/kg	0.42	ND
Naphthalene		mg/kg	0.42	ND
Phenanthrene		mg/kg	0.42	ND
Pyrene		mg/kg	0.42	ND
Volatile Organics (Stars List) 8260				
1,2,4-Trimethylbenzene		mg/kg	0.0013	ND
1,3,5-Trimethylbenzene		mg/kg	0.0013	ND
4-Isopropyltoluene		mg/kg	0.0013	ND
Benzene		mg/kg	0.0013	ND
Ethylbenzene		mg/kg	0.0013	ND
Isopropylbenzene		mg/kg	0.0013	ND
M&p-Xylenes		mg/kg	0.0025	ND
Methyl-t-butyl ether		mg/kg	0.0013	ND
Naphthalene		mg/kg	0.0013	ND
N-Butylbenzene		mg/kg	0.0013	ND
N-Propylbenzene		mg/kg	0.0013	ND
O-Xylene		mg/kg	0.0013	ND
Sec-Butylbenzene		mg/kg	0.0013	ND
t-Butyl Alcohol		mg/kg	0.013	ND R
T-Butylbenzene		mg/kg	0.0013	ND
Toluene		mg/kg	0.0013	ND

ND = Not Detected

Lab#	Sample ID		MDL PQL RL		Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result	TestGroup/Analyte		Units		Result
AB58487	PG-PGA5W5-052902SO01				AB58488	PG-PGA5W5-052902SO02			
% Solids SM2540G					**% Solids SM2540G**				
% Solids		percent		81	% Solids		percent		54
Base Neutrals (Stars List 2) 8270					**Base Neutrals (Stars List 2) 8270**				
Acenaphthene		mg/kg	0.41	0.046J	Acenaphthene		mg/kg	0.62	ND
Anthracene		mg/kg	0.41	0.16J	Anthracene		mg/kg	0.62	ND
Benzo[a]anthracene		mg/kg	0.41	0.55	Benzo[a]anthracene		mg/kg	0.62	ND
Benzo[a]pyrene		mg/kg	0.41	0.47	Benzo[a]pyrene		mg/kg	0.62	ND
Benzo[b]fluoranthene		mg/kg	0.41	0.80	Benzo[b]fluoranthene		mg/kg	0.62	0.081J
Benzo[g,h,i]perylene		mg/kg	0.41	0.13J	Benzo[g,h,i]perylene		mg/kg	0.62	ND
Benzo[k]fluoranthene		mg/kg	0.41	0.35J	Benzo[k]fluoranthene		mg/kg	0.62	ND
Chrysene		mg/kg	0.41	0.50	Chrysene		mg/kg	0.62	ND
Dibenzo[a,h]Anthracene		mg/kg	0.41	ND	Dibenzo[a,h]Anthracene		mg/kg	0.62	ND
Fluoranthene		mg/kg	0.41	0.97	Fluoranthene		mg/kg	0.62	ND
Fluorene		mg/kg	0.41	ND	Fluorene		mg/kg	0.62	ND
Indeno[1,2,3-cd]pyrene		mg/kg	0.41	0.15J	Indeno[1,2,3-cd]pyrene		mg/kg	0.62	ND
Naphthalene		mg/kg	0.41	0.15J	Naphthalene		mg/kg	0.62	ND
Phenanthrene		mg/kg	0.41	0.64	Phenanthrene		mg/kg	0.62	ND
Pyrene		mg/kg	0.41	0.53	Pyrene		mg/kg	0.62	ND
Volatile Organics (Stars List) 8260					**Volatile Organics (Stars List) 8260**				
1,2,4-Trimethylbenzene		mg/kg	0.0012	ND	1,2,4-Trimethylbenzene		mg/kg	0.0019	ND
1,3,5-Trimethylbenzene		mg/kg	0.0012	ND	1,3,5-Trimethylbenzene		mg/kg	0.0019	ND
4-Isopropyltoluene		mg/kg	0.0012	ND	4-Isopropyltoluene		mg/kg	0.0019	ND
Benzene		mg/kg	0.0012	ND	Benzene		mg/kg	0.0019	ND
Ethylbenzene		mg/kg	0.0012	ND	Ethylbenzene		mg/kg	0.0019	ND
Isopropylbenzene		mg/kg	0.0012	ND	Isopropylbenzene		mg/kg	0.0019	ND
M&p-Xylenes		mg/kg	0.0025	ND	M&p-Xylenes		mg/kg	0.0037	ND
Methyl-t-butyl ether		mg/kg	0.0012	ND	Methyl-t-butyl ether		mg/kg	0.0019	ND
Naphthalene		mg/kg	0.0012	ND	Naphthalene		mg/kg	0.0019	ND
N-Butylbenzene		mg/kg	0.0012	ND	N-Butylbenzene		mg/kg	0.0019	ND
N-Propylbenzene		mg/kg	0.0012	ND	N-Propylbenzene		mg/kg	0.0019	ND
O-Xylene		mg/kg	0.0012	ND	O-Xylene		mg/kg	0.0019	ND
Sec-Butylbenzene		mg/kg	0.0012	ND	Sec-Butylbenzene		mg/kg	0.0019	ND
t-Butyl Alcohol		mg/kg	0.012	ND R	t-Butyl Alcohol		mg/kg	0.019	ND R
T-Butylbenzene		mg/kg	0.0012	ND	T-Butylbenzene		mg/kg	0.0019	ND
Toluene		mg/kg	0.0012	ND	Toluene		mg/kg	0.0019	ND

ND = Not Detected

Lab#	Sample ID	TestGroup/Analyte	Units	MDL PQL RL	Result
AB58489	**PG-PGA5W5-052902SO03**				
		% Solids SM2540G			
		% Solids	percent		75
		Base Neutrals (Stars List 2) 8270			
		Acenaphthene	mg/kg	0.44	ND
		Anthracene	mg/kg	0.44	ND
		Benzo[a]anthracene	mg/kg	0.44	ND
		Benzo[a]pyrene	mg/kg	0.44	ND
		Benzo[b]fluoranthene	mg/kg	0.44	0.072J
		Benzo[g,h,i]perylene	mg/kg	0.44	ND
		Benzo[k]fluoranthene	mg/kg	0.44	ND
		Chrysene	mg/kg	0.44	0.087J
		Dibenzo[a,h]Anthracene	mg/kg	0.44	ND
		Fluoranthene	mg/kg	0.44	0.052J
		Fluorene	mg/kg	0.44	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.44	ND
		Naphthalene	mg/kg	0.44	ND
		Phenanthrene	mg/kg	0.44	0.088J
		Pyrene	mg/kg	0.44	ND
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	mg/kg	0.0013	ND
		1,3,5-Trimethylbenzene	mg/kg	0.0013	ND
		4-Isopropyltoluene	mg/kg	0.0013	ND
		Benzene	mg/kg	0.0013	ND
		Ethylbenzene	mg/kg	0.0013	ND
		Isopropylbenzene	mg/kg	0.0013	ND
		M&p-Xylenes	mg/kg	0.0027	ND
		Methyl-t-butyl ether	mg/kg	0.0013	ND
		Naphthalene	mg/kg	0.0013	ND
		N-Butylbenzene	mg/kg	0.0013	ND
		N-Propylbenzene	mg/kg	0.0013	ND
		O-Xylene	mg/kg	0.0013	ND
		Sec-Butylbenzene	mg/kg	0.0013	ND
		t-Butyl Alcohol	mg/kg	0.013	ND R
		T-Butylbenzene	mg/kg	0.0013	ND
		Toluene	mg/kg	0.0013	ND
AB58490	**PG-PGFB01-052802WQ01**				
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	ug/l	1.0	ND
		1,3,5-Trimethylbenzene	ug/l	1.0	ND
		4-Isopropyltoluene	ug/l	1.0	ND
		Benzene	ug/l	1.0	ND
		Ethylbenzene	ug/l	1.0	ND
		Isopropylbenzene	ug/l	1.0	ND
		M&p-Xylenes	ug/l	2.0	ND
		Methyl-t-butyl ether	ug/l	1.0	ND
		Naphthalene	ug/l	1.0	ND UJ
		N-Butylbenzene	ug/l	1.0	ND UJ
		N-Propylbenzene	ug/l	1.0	ND
		O-Xylene	ug/l	1.0	ND
		Sec-Butylbenzene	ug/l	1.0	ND
		t-Butyl Alcohol	ug/l	10	ND R
		T-Butylbenzene	ug/l	1.0	ND
		Toluene	ug/l	1.0	ND
AB58491	**PG-PGFB01-052902WQ01**				
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	ug/l	1.0	ND
		1,3,5-Trimethylbenzene	ug/l	1.0	ND
		4-Isopropyltoluene	ug/l	1.0	ND
		Benzene	ug/l	1.0	ND
		Ethylbenzene	ug/l	1.0	ND
		Isopropylbenzene	ug/l	1.0	ND
		M&p-Xylenes	ug/l	2.0	ND
		Methyl-t-butyl ether	ug/l	1.0	ND UJ
		Naphthalene	ug/l	1.0	ND UJ
		N-Butylbenzene	ug/l	1.0	ND
		N-Propylbenzene	ug/l	1.0	ND
		O-Xylene	ug/l	1.0	ND
		Sec-Butylbenzene	ug/l	1.0	ND
		t-Butyl Alcohol	ug/l	10	ND R
		T-Butylbenzene	ug/l	1.0	ND
		Toluene	ug/l	1.0	ND

ND = Not Detected

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis

veritech laboratories

To: PORT AUTHORITY OF NY & NJ
MATERIALS ENGINEERING DIV.
241 ERIE ST.
ROOM 234
JERSEY CITY NJ 07310-1397

Attention: Dorian Bailey
Project: HH-Port Ivory P&G Site

Date Collected: 5/30/02
Date Submitted: 5/31/02
Date Reported: 6/7/02

Lab#	Sample ID		MDL PQL RL		Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result	TestGroup/Analyte		Units		Result
AB58574	**PG-PGB2W4-053002SO01**				**AB58575**	**PG-PGB2W4-053002SO02**			
% Solids SM2540G					**% Solids SM2540G**				
% Solids		percent		74	% Solids		percent		76
Base Neutrals (Stars List 2) 8270					**Base Neutrals (Stars List 2) 8270**				
Acenaphthene		mg/kg	0.45	ND	Acenaphthene		mg/kg	0.44	ND
Anthracene		mg/kg	0.45	0.099J	Anthracene		mg/kg	0.44	ND
Benzo[a]anthracene		mg/kg	0.45	0.073J	Benzo[a]anthracene		mg/kg	0.44	ND
Benzo[a]pyrene		mg/kg	0.45	0.048J	Benzo[a]pyrene		mg/kg	0.44	ND
Benzo[b]fluoranthene		mg/kg	0.45	0.24J	Benzo[b]fluoranthene		mg/kg	0.44	ND
Benzo[g,h,i]perylene		mg/kg	0.45	0.073J	Benzo[g,h,i]perylene		mg/kg	0.44	ND
Benzo[k]fluoranthene		mg/kg	0.45	0.050J	Benzo[k]fluoranthene		mg/kg	0.44	ND
Chrysene		mg/kg	0.45	0.17J	Chrysene		mg/kg	0.44	ND
Dibenzo[a,h]Anthracene		mg/kg	0.45	ND	Dibenzo[a,h]Anthracene		mg/kg	0.44	ND
Fluoranthene		mg/kg	0.45	0.19J	Fluoranthene		mg/kg	0.44	ND
Fluorene		mg/kg	0.45	ND	Fluorene		mg/kg	0.44	ND
Indeno[1,2,3-cd]pyrene		mg/kg	0.45	0.073J	Indeno[1,2,3-cd]pyrene		mg/kg	0.44	ND
Naphthalene		mg/kg	0.45	0.095J	Naphthalene		mg/kg	0.44	0.065J
Phenanthrene		mg/kg	0.45	0.16J	Phenanthrene		mg/kg	0.44	ND
Pyrene		mg/kg	0.45	0.077J	Pyrene		mg/kg	0.44	ND
Volatile Organics (Stars List) 8260					**Volatile Organics (Stars List) 8260**				
1,2,4-Trimethylbenzene		mg/kg	0.0014	ND	1,2,4-Trimethylbenzene		mg/kg	0.0013	ND
1,3,5-Trimethylbenzene		mg/kg	0.0014	ND	1,3,5-Trimethylbenzene		mg/kg	0.0013	ND
4-Isopropyltoluene		mg/kg	0.0014	ND	4-Isopropyltoluene		mg/kg	0.0013	ND
Benzene		mg/kg	0.0014	ND	Benzene		mg/kg	0.0013	ND
Ethylbenzene		mg/kg	0.0014	ND	Ethylbenzene		mg/kg	0.0013	ND
Isopropylbenzene		mg/kg	0.0014	ND	Isopropylbenzene		mg/kg	0.0013	ND
M&p-Xylenes		mg/kg	0.0027	ND	M&p-Xylenes		mg/kg	0.0026	ND
Methyl-t-butyl ether		mg/kg	0.0014	ND	Methyl-t-butyl ether		mg/kg	0.0013	ND
Naphthalene		mg/kg	0.0014	ND	Naphthalene		mg/kg	0.0013	ND
N-Butylbenzene		mg/kg	0.0014	ND	N-Butylbenzene		mg/kg	0.0013	ND
N-Propylbenzene		mg/kg	0.0014	ND	N-Propylbenzene		mg/kg	0.0013	ND
O-Xylene		mg/kg	0.0014	ND	O-Xylene		mg/kg	0.0013	ND
Sec-Butylbenzene		mg/kg	0.0014	ND	Sec-Butylbenzene		mg/kg	0.0013	ND
t-Butyl Alcohol		mg/kg	0.014	ND R	t-Butyl Alcohol		mg/kg	0.013	ND R
T-Butylbenzene		mg/kg	0.0014	ND	T-Butylbenzene		mg/kg	0.0013	ND
Toluene		mg/kg	0.0014	ND	Toluene		mg/kg	0.0013	ND

ND = Not Detected

Lab#	Sample ID		MDL PQL RL		Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result	TestGroup/Analyte		Units		Result
AB58576	PG-FB-01-053002WQ01								
Volatile Organics (Stars List) 8260									
1,2,4-Trimethylbenzene		ug/l	1.0	ND					
1,3,5-Trimethylbenzene		ug/l	1.0	ND					
4-Isopropyltoluene		ug/l	1.0	ND					
Benzene		ug/l	1.0	ND					
Ethylbenzene		ug/l	1.0	ND					
Isopropylbenzene		ug/l	1.0	ND					
M&p-Xylenes		ug/l	2.0	ND					
Methyl-t-butyl ether		ug/l	1.0	ND UJ					
Naphthalene		ug/l	1.0	ND UJ					
N-Butylbenzene		ug/l	1.0	ND					
N-Propylbenzene		ug/l	1.0	ND					
O-Xylene		ug/l	1.0	ND					
Sec-Butylbenzene		ug/l	1.0	ND					
t-Butyl Alcohol		ug/l	10	ND R					
T-Butylbenzene		ug/l	1.0	ND					
Toluene		ug/l	1.0	ND					

ND = Not Detected

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

HD 0214

To: PORT AUTHORITY OF NY & NJ
MATERIALS ENGINEERING DIV.
241 ERIE ST.
ROOM 234
JERSEY CITY NJ 07310-1397

Attention: Dorian Bailey
Project: HH-Port Ivory P&G Site

Date Collected: 6/26/02
Date Submitted: 6/28/02
Date Reported: 7/9/02

Lab#	Sample ID	TestGroup/Analyte	Units	MDL PQL RL	Result
AB60464	**PG-PGB3E3-062602SO03**				
		% Solids SM2540G			
		% Solids	percent		77
		Base Neutrals (Stars List 2) 8270			
		Acenaphthene	mg/kg	0.43	ND
		Anthracene	mg/kg	0.43	0.053J
		Benzo[a]anthracene	mg/kg	0.43	0.14J
		Benzo[a]pyrene	mg/kg	0.43	0.11J
		Benzo[b]fluoranthene	mg/kg	0.43	0.21J
		Benzo[g,h,i]perylene	mg/kg	0.43	0.088J
		Benzo[k]fluoranthene	mg/kg	0.43	0.057J
		Chrysene	mg/kg	0.43	0.16J
		Dibenzo[a,h]Anthracene	mg/kg	0.43	ND
		Fluoranthene	mg/kg	0.43	0.33J
		Fluorene	mg/kg	0.43	0.059J
		Indeno[1,2,3-cd]pyrene	mg/kg	0.43	0.077J
		Naphthalene	mg/kg	0.43	0.11J
		Phenanthrene	mg/kg	0.43	0.32J
		Pyrene	mg/kg	0.43	0.27J
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	mg/kg	0.0013	ND
		1,3,5-Trimethylbenzene	mg/kg	0.0013	ND
		4-Isopropyltoluene	mg/kg	0.0013	0.0018
		Benzene	mg/kg	0.0013	ND
		Ethylbenzene	mg/kg	0.0013	ND
		Isopropylbenzene	mg/kg	0.0013	ND
		M&p-Xylenes	mg/kg	0.0026	0.0015J
		Methyl-t-butyl ether	mg/kg	0.0013	ND
		Naphthalene	mg/kg	0.0013	ND
		N-Butylbenzene	mg/kg	0.0013	ND
		N-Propylbenzene	mg/kg	0.0013	ND
		O-Xylene	mg/kg	0.0013	ND
		Sec-Butylbenzene	mg/kg	0.0013	ND
		t-Butyl Alcohol	mg/kg	0.013	ND R
		T-Butylbenzene	mg/kg	0.0013	ND
		Toluene	mg/kg	0.0013	ND
AB60465	**PG-PGOP1S1-062602SO3**				
		% Solids SM2540G			
		% Solids	percent		83
		Base Neutrals (Stars List 2) 8270			
		Acenaphthene	mg/kg	0.40	0.097J
		Anthracene	mg/kg	0.40	0.28J
		Benzo[a]anthracene	mg/kg	0.40	0.68
		Benzo[a]pyrene	mg/kg	0.40	0.60
		Benzo[b]fluoranthene	mg/kg	0.40	0.61
		Benzo[g,h,i]perylene	mg/kg	0.40	0.33J
		Benzo[k]fluoranthene	mg/kg	0.40	0.22J
		Chrysene	mg/kg	0.40	0.69
		Dibenzo[a,h]Anthracene	mg/kg	0.40	0.040J
		Fluoranthene	mg/kg	0.40	1.2
		Fluorene	mg/kg	0.40	0.088J
		Indeno[1,2,3-cd]pyrene	mg/kg	0.40	0.27J
		Naphthalene	mg/kg	0.40	0.10J
		Phenanthrene	mg/kg	0.40	0.97
		Pyrene	mg/kg	0.40	1.5
		Volatile Organics (Stars List) 8260			
		1,2,4-Trimethylbenzene	mg/kg	0.0012	ND
		1,3,5-Trimethylbenzene	mg/kg	0.0012	ND
		4-Isopropyltoluene	mg/kg	0.0012	ND
		Benzene	mg/kg	0.0012	ND
		Ethylbenzene	mg/kg	0.0012	ND
		Isopropylbenzene	mg/kg	0.0012	ND
		M&p-Xylenes	mg/kg	0.0024	ND
		Methyl-t-butyl ether	mg/kg	0.0012	ND
		Naphthalene	mg/kg	0.0012	ND
		N-Butylbenzene	mg/kg	0.0012	ND
		N-Propylbenzene	mg/kg	0.0012	ND
		O-Xylene	mg/kg	0.0012	ND
		Sec-Butylbenzene	mg/kg	0.0012	ND
		t-Butyl Alcohol	mg/kg	0.012	ND R
		T-Butylbenzene	mg/kg	0.0012	ND
		Toluene	mg/kg	0.0012	ND

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ND = Not Detected

Lab#	Sample ID		MDL PQL RL		Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result	TestGroup/Analyte		Units		Result
AB60466	PG-PGOP1W1-062602SO3								
% Solids SM2540G									
% Solids		percent		84					
Base Neutrals (Stars List 2) 8270									
Acenaphthene		mg/kg	0.40	ND					
Anthracene		mg/kg	0.40	ND					
Benzo[a]anthracene		mg/kg	0.40	0.066J					
Benzo[a]pyrene		mg/kg	0.40	0.053J					
Benzo[b]fluoranthene		mg/kg	0.40	0.088J					
Benzo[g,h,i]perylene		mg/kg	0.40	ND					
Benzo[k]fluoranthene		mg/kg	0.40	ND					
Chrysene		mg/kg	0.40	0.071J					
Dibenzo[a,h]Anthracene		mg/kg	0.40	ND					
Fluoranthene		mg/kg	0.40	0.12J					
Fluorene		mg/kg	0.40	ND					
Indeno[1,2,3-cd]pyrene		mg/kg	0.40	ND					
Naphthalene		mg/kg	0.40	ND					
Phenanthrene		mg/kg	0.40	0.093J					
Pyrene		mg/kg	0.40	0.11J					
Volatile Organics (Stars List) 8260									
1,2,4-Trimethylbenzene		mg/kg	0.0012	ND					
1,3,5-Trimethylbenzene		mg/kg	0.0012	ND					
4-Isopropyltoluene		mg/kg	0.0012	ND					
Benzene		mg/kg	0.0012	ND					
Ethylbenzene		mg/kg	0.0012	ND					
Isopropylbenzene		mg/kg	0.0012	ND					
M&p-Xylenes		mg/kg	0.0024	ND					
Methyl-t-butyl ether		mg/kg	0.0012	ND					
Naphthalene		mg/kg	0.0012	ND					
N-Butylbenzene		mg/kg	0.0012	ND					
N-Propylbenzene		mg/kg	0.0012	ND					
O-Xylene		mg/kg	0.0012	ND					
Sec-Butylbenzene		mg/kg	0.0012	ND					
t-Butyl Alcohol		mg/kg	0.012	ND R					
T-Butylbenzene		mg/kg	0.0012	ND					
Toluene		mg/kg	0.0012	ND					
AB60467	PG-FB-01-062602WQ01								
Volatile Organics (Stars List) 8260									
1,2,4-Trimethylbenzene		ug/l	1.0	ND					
1,3,5-Trimethylbenzene		ug/l	1.0	ND					
4-Isopropyltoluene		ug/l	1.0	ND					
Benzene		ug/l	1.0	ND					
Ethylbenzene		ug/l	1.0	ND					
Isopropylbenzene		ug/l	1.0	ND					
M&p-Xylenes		ug/l	2.0	ND					
Methyl-t-butyl ether		ug/l	1.0	ND					
Naphthalene		ug/l	1.0	ND					
N-Butylbenzene		ug/l	1.0	ND					
N-Propylbenzene		ug/l	1.0	ND					
O-Xylene		ug/l	1.0	ND					
Sec-Butylbenzene		ug/l	1.0	ND					
t-Butyl Alcohol		ug/l	10	ND					
T-Butylbenzene		ug/l	1.0	ND					
Toluene		ug/l	1.0	ND					

ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19612	PG-UST7-2-112100SO05					
		% Solids SM2540G				
			% Solids	percent		87
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.29	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.16	ND
		Oil & Grease				
			Oil & Grease	mg/kg	77	2200
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0038	ND
			Alpha-BHC	mg/kg	0.0038	ND
			Beta-BHC	mg/kg	0.0038	ND
			Chlordane	mg/kg	0.0077	ND
			Delta-BHC	mg/kg	0.0038	ND
			Dieldrin	mg/kg	0.0038	ND
			Endosulfan I	mg/kg	0.0038	ND
			Endosulfan II	mg/kg	0.0038	ND
			Endosulfan Sulfate	mg/kg	0.0038	ND
			Endrin	mg/kg	0.0038	ND
			Endrin Aldehyde	mg/kg	0.0038	ND
			Endrin Ketone	mg/kg	0.0038	ND
			Gamma-BHC	mg/kg	0.0038	ND
			Heptachlor	mg/kg	0.0038	ND
			Heptachlor Epoxide	mg/kg	0.0038	ND
			Methoxychlor	mg/kg	0.0038	ND
			P,P'-DDD	mg/kg	0.0038	ND
			P,P'-DDE	mg/kg	0.0038	ND
			P,P'-DDT	mg/kg	0.0038	ND
			Toxaphene	mg/kg	0.038	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.019	ND
			Aroclor-1221	mg/kg	0.019	ND
			Aroclor-1232	mg/kg	0.019	ND
			Aroclor-1242	mg/kg	0.019	ND
			Aroclor-1248	mg/kg	0.019	ND
			Aroclor-1254	mg/kg	0.019	ND
			Aroclor-1260	mg/kg	0.019	ND
		pH 9045C				
			pH	units		7.3
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	1.4	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (8270)					
	1,2,4-Trichlorobenzene	mg/kg	0.19	ND	
	1,2-Dichlorobenzene	mg/kg	0.19	ND	
	1,2-Diphenylhydrazine	mg/kg	0.038	ND	
	1,3-Dichlorobenzene	mg/kg	0.19	ND	
	1,4-Dichlorobenzene	mg/kg	0.19	ND	
	2,4,6-Trichlorophenol	mg/kg	0.19	ND	
	2,4-Dichlorophenol	mg/kg	0.19	ND	
	2,4-Dimethylphenol	mg/kg	0.19	ND	
	2,4-Dinitrophenol	mg/kg	0.38	ND	
	2,4-Dinitrotoluene	mg/kg	0.19	ND	
	2,6-Dinitrotoluene	mg/kg	0.19	ND	
	2-Chloronaphthalene	mg/kg	0.19	ND	
	2-Chlorophenol	mg/kg	0.19	ND	
	2-Nitrophenol	mg/kg	0.19	ND	
	3,3'-Dichlorobenzidine	mg/kg	0.19	ND	
	4,6-Dinitro-2-methylphenol	mg/kg	0.19	ND	
	4-Bromophenyl-phenylether	mg/kg	0.19	ND	
	4-Chloro-3-methylphenol	mg/kg	0.19	ND	
	4-Chlorophenyl-phenylether	mg/kg	0.19	ND	
	4-Nitrophenol	mg/kg	0.19	ND	
	Acenaphthene	mg/kg	0.19	0.26	
	Acenaphthylene	mg/kg	0.19	ND	
	Anthracene	mg/kg	0.19	0.60	
	Benzidine	mg/kg	0.38	ND	
	Benzo[a]anthracene	mg/kg	0.19	0.32	
	Benzo[a]pyrene	mg/kg	0.19	0.19	
	Benzo[b]fluoranthene	mg/kg	0.19	0.12J	
	Benzo[g,h,i]perylene	mg/kg	0.19	0.12J	
	Benzo[k]fluoranthene	mg/kg	0.19	0.066J	
	Bis(2-Chloroethoxy)methane	mg/kg	0.19	ND	
	Bis(2-Chloroethyl)Ether	mg/kg	0.19	ND	
	Bis(2-Chloroisopropyl)ether	mg/kg	0.19	ND	
	Bis(2-Ethylhexyl)phthalate	mg/kg	0.19	ND	
	Butylbenzylphthalate	mg/kg	0.19	ND	
	Chrysene	mg/kg	0.19	0.31	
	Di-n-butylphthalate	mg/kg	0.19	ND	
	Di-n-octylphthalate	mg/kg	0.19	ND	
	Dibenzo[a,h]Anthracene	mg/kg	0.19	ND	
	Diethylphthalate	mg/kg	0.19	ND	
	Dimethylphthalate	mg/kg	0.19	ND	
	Fluoranthene	mg/kg	0.19	0.25	
	Fluorene	mg/kg	0.19	0.38	
	Hexachlorobenzene	mg/kg	0.19	ND	
	Hexachlorobutadiene	mg/kg	0.19	ND	
	Hexachlorocyclopentadiene	mg/kg	0.57	ND	
	Hexachloroethane	mg/kg	0.19	ND	
	Indeno[1,2,3-cd]pyrene	mg/kg	0.19	0.044J	
	Isophorone	mg/kg	0.19	ND	
	N-Nitroso-Di-N-Propylamine	mg/kg	0.19	ND	
	N-Nitrosodimethylamine	mg/kg	0.19	ND	
	N-Nitrosodiphenylamine	mg/kg	0.19	ND	
	Naphthalene	mg/kg	0.19	ND	
	Nitrobenzene	mg/kg	0.19	ND	
	Pentachlorophenol	mg/kg	0.19	ND	
	Phenanthrene	mg/kg	0.19	1.4	
	Phenol	mg/kg	0.19	ND	
	Pyrene	mg/kg	0.19	1.8	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals (Soil) 6010				
		Aluminum	mg/kg	970	8200
		Antimony	mg/kg	1.7	ND
		Arsenic	mg/kg	2.3	4.7
		Barium	mg/kg	11	110
		Beryllium	mg/kg	0.46	.94
		Cadmium	mg/kg	0.34	ND
		Calcium	mg/kg	1100	2300
		Chromium	mg/kg	4.6	19
		Cobalt	mg/kg	1.9	11
		Copper	mg/kg	4.4	15
		Iron	mg/kg	2700	23000
		Lead	mg/kg	4.6	12
		Magnesium	mg/kg	680	4100
		Manganese	mg/kg	19	430
		Nickel	mg/kg	2.8	41
		Potassium	mg/kg	460	1600
		Selenium	mg/kg	2.9	ND
		Silver	mg/kg	0.57	.94
		Sodium	mg/kg	460	ND
		Thallium	mg/kg	1.4	ND
		Vanadium	mg/kg	11	28
		Zinc	mg/kg	11	54
	Total Petroleum Hydrocarbons (Soil)				
		Total Petroleum Hydrocarbons (Soil)	mg/kg	200	1100
	Volatile Organics + 15 (8260)				
		1,1,1-Trichloroethane	mg/kg	0.029	ND
		1,1,2,2-Tetrachloroethane	mg/kg	0.029	ND
		1,1,2-Trichloroethane	mg/kg	0.029	ND
		1,1-Dichloroethane	mg/kg	0.029	ND
		1,1-Dichloroethene	mg/kg	0.029	ND
		1,2-Dichloroethane	mg/kg	0.029	ND
		1,2-Dichloropropane	mg/kg	0.029	ND
		2-Chloroethylvinylether	mg/kg	0.029	ND
		Acrolein	mg/kg	0.086	ND
		Acrylonitrile	mg/kg	0.040	ND
		Benzene	mg/kg	0.0057	ND
		Bromodichloromethane	mg/kg	0.029	ND
		Bromoform	mg/kg	0.029	ND
		Bromomethane	mg/kg	0.029	ND
		Carbon tetrachloride	mg/kg	0.029	ND
		Chlorobenzene	mg/kg	0.029	ND
		Chloroethane	mg/kg	0.029	ND
		Chloroform	mg/kg	0.029	ND
		Chloromethane	mg/kg	0.029	ND
		Cis-1,3-Dichloropropene	mg/kg	0.029	ND
		Dibromochloromethane	mg/kg	0.029	ND
		Ethylbenzene	mg/kg	0.0057	ND
		M&p-Xylenes	mg/kg	0.011	ND
		Methylene chloride	mg/kg	0.029	0.016JB U
		O-Xylene	mg/kg	0.0057	ND
		Tetrachloroethene	mg/kg	0.029	ND
		Toluene	mg/kg	0.0057	ND
		Trans-1,2-Dichloroethene	mg/kg	0.029	ND
		Trans-1,3-Dichloropropene	mg/kg	0.029	ND
		Trichloroethene	mg/kg	0.029	ND
		Vinyl chloride	mg/kg	0.029	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID		Units	MDL/PQL	Result
	TestGroup	Analyte			
AB19613	PG-UST7-2-112100SO06				
	% Solids SM2540G				
		% Solids	percent		83
	Cyanide (soil/waste)				
		Cyanide	mg/kg	0.30	ND
	Mercury (soil/waste) 7471A				
		Mercury	mg/kg	0.17	ND
	Oil & Grease				
		Oil & Grease	mg/kg	80	5300
	Organochlorine Pesticides 8081				
		Aldrin	mg/kg	0.004	ND
		Alpha-BHC	mg/kg	0.004	ND
		Beta-BHC	mg/kg	0.004	ND
		Chlordane	mg/kg	0.008	ND
		Delta-BHC	mg/kg	0.004	ND
		Dieldrin	mg/kg	0.004	ND
		Endosulfan I	mg/kg	0.004	ND
		Endosulfan II	mg/kg	0.004	ND
		Endosulfan Sulfate	mg/kg	0.004	ND
		Endrin	mg/kg	0.004	ND
		Endrin Aldehyde	mg/kg	0.004	ND
		Endrin Ketone	mg/kg	0.004	ND
		Gamma-BHC	mg/kg	0.004	ND
		Heptachlor	mg/kg	0.004	ND
		Heptachlor Epoxide	mg/kg	0.004	ND
		Methoxychlor	mg/kg	0.004	ND
		P,P'-DDD	mg/kg	0.004	ND
		P,P'-DDE	mg/kg	0.004	ND
		P,P'-DDT	mg/kg	0.004	ND
		Toxaphene	mg/kg	0.04	ND
	PCB 8082				
		Aroclor-1016	mg/kg	0.02	ND
		Aroclor-1221	mg/kg	0.02	ND
		Aroclor-1232	mg/kg	0.02	ND
		Aroclor-1242	mg/kg	0.02	ND
		Aroclor-1248	mg/kg	0.02	ND
		Aroclor-1254	mg/kg	0.02	ND
		Aroclor-1260	mg/kg	0.02	ND
	pH 9045C				
		pH	units		7.4
	Phenols (soil/waste) 9065				
		Phenol	mg/kg	1.5	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.20	ND
		1,2-Dichlorobenzene	mg/kg	0.20	ND
		1,2-Diphenylhydrazine	mg/kg	0.040	ND
		1,3-Dichlorobenzene	mg/kg	0.20	ND
		1,4-Dichlorobenzene	mg/kg	0.20	ND
		2,4,6-Trichlorophenol	mg/kg	0.20	ND
		2,4-Dichlorophenol	mg/kg	0.20	ND
		2,4-Dimethylphenol	mg/kg	0.20	ND
		2,4-Dinitrophenol	mg/kg	0.40	ND
		2,4-Dinitrotoluene	mg/kg	0.20	ND
		2,6-Dinitrotoluene	mg/kg	0.20	ND
		2-Chloronaphthalene	mg/kg	0.20	ND
		2-Chlorophenol	mg/kg	0.20	ND
		2-Nitrophenol	mg/kg	0.20	ND
		3,3'-Dichlorobenzidine	mg/kg	0.20	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.20	ND
		4-Bromophenyl-phenylether	mg/kg	0.20	ND
		4-Chloro-3-methylphenol	mg/kg	0.20	ND
		4-Chlorophenyl-phenylether	mg/kg	0.20	ND
		4-Nitrophenol	mg/kg	0.20	ND
		Acenaphthene	mg/kg	0.20	0.27
		Acenaphthylene	mg/kg	0.20	ND
		Anthracene	mg/kg	0.20	0.49
		Benzidine	mg/kg	0.40	ND
		Benzo[a]anthracene	mg/kg	0.20	0.40
		Benzo[a]pyrene	mg/kg	0.20	0.28
		Benzo[b]fluoranthene	mg/kg	0.20	0.10J
		Benzo[g,h,i]perylene	mg/kg	0.20	0.18J
		Benzo[k]fluoranthene	mg/kg	0.20	0.075J
		Bis(2-Chloroethoxy)methane	mg/kg	0.20	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.20	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.20	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.20	0.42B U
		Butylbenzylphthalate	mg/kg	0.20	ND
		Chrysene	mg/kg	0.20	0.61
		Di-n-butylphthalate	mg/kg	0.20	0.11JB U
		Di-n-octylphthalate	mg/kg	0.20	0.057J
		Dibenzo[a,h]Anthracene	mg/kg	0.20	ND
		Diethylphthalate	mg/kg	0.20	ND
		Dimethylphthalate	mg/kg	0.20	ND
		Fluoranthene	mg/kg	0.20	0.27
		Fluorene	mg/kg	0.20	ND
		Hexachlorobenzene	mg/kg	0.20	ND
		Hexachlorobutadiene	mg/kg	0.20	ND
		Hexachlorocyclopentadiene	mg/kg	0.60	ND
		Hexachloroethane	mg/kg	0.20	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.20	0.050J
		Isophorone	mg/kg	0.20	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.20	ND
		N-Nitrosodimethylamine	mg/kg	0.20	ND
		N-Nitrosodiphenylamine	mg/kg	0.20	ND
		Naphthalene	mg/kg	0.20	0.056J
		Nitrobenzene	mg/kg	0.20	ND
		Pentachlorophenol	mg/kg	0.20	ND
		Phenanthrene	mg/kg	0.20	ND
		Phenol	mg/kg	0.20	ND
		Pyrene	mg/kg	0.20	2.9

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 6010				
		Aluminum	mg/kg	1000	5200
		Antimony	mg/kg	1.7	ND
		Arsenic	mg/kg	2.4	6.6
		Barium	mg/kg	12	92
		Beryllium	mg/kg	0.48	.53
		Cadmium	mg/kg	0.36	ND
		Calcium	mg/kg	1200	3600
		Chromium	mg/kg	4.8	14
		Cobalt	mg/kg	2	6.3
		Copper	mg/kg	4.6	22
		Iron	mg/kg	2800	19000
		Lead	mg/kg	4.8	40
		Magnesium	mg/kg	710	2600
		Manganese	mg/kg	20	310
		Nickel	mg/kg	2.9	14
		Potassium	mg/kg	480	850
		Selenium	mg/kg	3	ND
		Silver	mg/kg	0.6	.83
		Sodium	mg/kg	480	ND
		Thallium	mg/kg	1.4	ND
		Vanadium	mg/kg	12	22
		Zinc	mg/kg	12	59
	Total Petroleum Hydrocarbons (Soil)				
		Total Petroleum Hydrocarbons (Soil)	mg/kg	41	460
	Volatile Organics + 15 (8260)				
		1,1,1-Trichloroethane	mg/kg	0.030	ND
		1,1,2,2-Tetrachloroethane	mg/kg	0.030	ND
		1,1,2-Trichloroethane	mg/kg	0.030	ND
		1,1-Dichloroethane	mg/kg	0.030	ND
		1,1-Dichloroethene	mg/kg	0.030	ND
		1,2-Dichloroethane	mg/kg	0.030	ND
		1,2-Dichloropropane	mg/kg	0.030	ND
		2-Chloroethylvinylether	mg/kg	0.030	ND
		Acrolein	mg/kg	0.090	ND
		Acrylonitrile	mg/kg	0.042	ND
		Benzene	mg/kg	0.0060	ND
		Bromodichloromethane	mg/kg	0.030	ND
		Bromoform	mg/kg	0.030	ND
		Bromomethane	mg/kg	0.030	ND
		Carbon tetrachloride	mg/kg	0.030	ND
		Chlorobenzene	mg/kg	0.030	ND
		Chloroethane	mg/kg	0.030	ND
		Chloroform	mg/kg	0.030	ND
		Chloromethane	mg/kg	0.030	ND
		Cis-1,3-Dichloropropene	mg/kg	0.030	ND
		Dibromochloromethane	mg/kg	0.030	ND
		Ethylbenzene	mg/kg	0.0060	ND
		M&p-Xylenes	mg/kg	0.012	ND
		Methylene chloride	mg/kg	0.030	0.015JB
		O-Xylene	mg/kg	0.0060	ND
		Tetrachloroethene	mg/kg	0.030	ND
		Toluene	mg/kg	0.0060	ND
		Trans-1,2-Dichloroethene	mg/kg	0.030	ND
		Trans-1,3-Dichloropropene	mg/kg	0.030	ND
		Trichloroethene	mg/kg	0.030	ND
		Vinyl chloride	mg/kg	0.030	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
AB19614	PG-FILL11-112100SO01				
	% Solids SM2540G				
		% Solids	percent		60
	Cyanide (soil/waste)				
		Cyanide	mg/kg	0.42	ND
	Mercury (soil/waste) 7471A				
		Mercury	mg/kg	0.24	.25
	Oil & Grease				
		Oil & Grease	mg/kg	110	370
	Organochlorine Pesticides 8081				
		Aldrin	mg/kg	0.0056	ND
		Alpha-BHC	mg/kg	0.0056	ND
		Beta-BHC	mg/kg	0.0056	ND
		Chlordane	mg/kg	0.011	ND
		Delta-BHC	mg/kg	0.0056	ND
		Dieldrin	mg/kg	0.0056	ND
		Endosulfan I	mg/kg	0.0056	ND
		Endosulfan II	mg/kg	0.0056	ND
		Endosulfan Sulfate	mg/kg	0.0056	ND
		Endrin	mg/kg	0.0056	ND
		Endrin Aldehyde	mg/kg	0.0056	ND
		Endrin Ketone	mg/kg	0.0056	.43
		Gamma-BHC	mg/kg	0.0056	ND
		Heptachlor	mg/kg	0.0056	ND
		Heptachlor Epoxide	mg/kg	0.0056	ND
		Methoxychlor	mg/kg	0.0056	ND
		P,P'-DDD	mg/kg	0.0056	ND
		P,P'-DDE	mg/kg	0.0056	ND
		P,P'-DDT	mg/kg	0.0056	ND
		Toxaphene	mg/kg	0.056	ND
	PCB 8082				
		Aroclor-1016	mg/kg	0.028	ND
		Aroclor-1221	mg/kg	0.028	ND
		Aroclor-1232	mg/kg	0.028	ND
		Aroclor-1242	mg/kg	0.028	ND
		Aroclor-1248	mg/kg	0.028	ND
		Aroclor-1254	mg/kg	0.028	ND
		Aroclor-1260	mg/kg	0.028	ND
	pH 9045C				
		pH	units		7.8
	Phenols (soil/waste) 9065				
		Phenol	mg/kg	2.1	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (8270)					
	1,2,4-Trichlorobenzene	mg/kg	0.28	ND	
	1,2-Dichlorobenzene	mg/kg	0.28	ND	
	1,2-Diphenylhydrazine	mg/kg	0.056	ND	
	1,3-Dichlorobenzene	mg/kg	0.28	ND	
	1,4-Dichlorobenzene	mg/kg	0.28	ND	
	2,4,6-Trichlorophenol	mg/kg	0.28	ND	
	2,4-Dichlorophenol	mg/kg	0.28	ND	
	2,4-Dimethylphenol	mg/kg	0.28	ND	
	2,4-Dinitrophenol	mg/kg	0.56	ND	
	2,4-Dinitrotoluene	mg/kg	0.28	ND	
	2,6-Dinitrotoluene	mg/kg	0.28	ND	
	2-Chloronaphthalene	mg/kg	0.28	ND	
	2-Chlorophenol	mg/kg	0.28	ND	
	2-Nitrophenol	mg/kg	0.28	ND	
	3,3'-Dichlorobenzidine	mg/kg	0.28	ND	
	4,6-Dinitro-2-methylphenol	mg/kg	0.28	ND	
	4-Bromophenyl-phenylether	mg/kg	0.28	ND	
	4-Chloro-3-methylphenol	mg/kg	0.28	ND	
	4-Chlorophenyl-phenylether	mg/kg	0.28	ND	
	4-Nitrophenol	mg/kg	0.28	ND	
	Acenaphthene	mg/kg	0.28	ND	
	Acenaphthylene	mg/kg	0.28	ND	
	Anthracene	mg/kg	0.28	ND	
	Benzidine	mg/kg	0.56	ND	
	Benzo[a]anthracene	mg/kg	0.28	ND	
	Benzo[a]pyrene	mg/kg	0.28	ND	
	Benzo[b]fluoranthene	mg/kg	0.28	ND	
	Benzo[g,h,i]perylene	mg/kg	0.28	ND	
	Benzo[k]fluoranthene	mg/kg	0.28	ND	
	Bis(2-Chloroethoxy)methane	mg/kg	0.28	ND	
	Bis(2-Chloroethyl)Ether	mg/kg	0.28	ND	
	Bis(2-Chloroisopropyl)ether	mg/kg	0.28	ND	
	Bis(2-Ethylhexyl)phthalate	mg/kg	0.28	0.44B U	
	Butylbenzylphthalate	mg/kg	0.28	ND	
	Chrysene	mg/kg	0.28	ND	
	Di-n-butylphthalate	mg/kg	0.28	ND	
	Di-n-octylphthalate	mg/kg	0.28	ND	
	Dibenzo[a,h]Anthracene	mg/kg	0.28	ND	
	Diethylphthalate	mg/kg	0.28	ND	
	Dimethylphthalate	mg/kg	0.28	ND	
	Fluoranthene	mg/kg	0.28	0.056J	
	Fluorene	mg/kg	0.28	ND	
	Hexachlorobenzene	mg/kg	0.28	ND	
	Hexachlorobutadiene	mg/kg	0.28	ND	
	Hexachlorocyclopentadiene	mg/kg	0.83	ND	
	Hexachloroethane	mg/kg	0.28	ND	
	Indeno[1,2,3-cd]pyrene	mg/kg	0.28	ND	
	Isophorone	mg/kg	0.28	ND	
	N-Nitroso-Di-N-Propylamine	mg/kg	0.28	ND	
	N-Nitrosodimethylamine	mg/kg	0.28	ND	
	N-Nitrosodiphenylamine	mg/kg	0.28	ND	
	Naphthalene	mg/kg	0.28	ND	
	Nitrobenzene	mg/kg	0.28	ND	
	Pentachlorophenol	mg/kg	0.28	ND	
	Phenanthrene	mg/kg	0.28	0.086J	
	Phenol	mg/kg	0.28	ND	
	Pyrene	mg/kg	0.28	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	1400	4300	
	Antimony	mg/kg	2.4	ND	
	Arsenic	mg/kg	3.3	4	
	Barium	mg/kg	17	86	
	Beryllium	mg/kg	0.67	ND	
	Cadmium	mg/kg	0.5	ND	
	Calcium	mg/kg	1700	14000	
	Chromium	mg/kg	6.7	ND	
	Cobalt	mg/kg	2.8	5.1	
	Copper	mg/kg	6.3	27	
	Iron	mg/kg	3900	6500	
	Lead	mg/kg	6.7	35	
	Magnesium	mg/kg	980	2400	
	Manganese	mg/kg	27	120	
	Nickel	mg/kg	4.1	87	
	Potassium	mg/kg	670	ND	
	Selenium	mg/kg	4.2	ND	
	Silver	mg/kg	0.83	1.2	
	Sodium	mg/kg	670	1600	
	Thallium	mg/kg	2	ND	
	Vanadium	mg/kg	17	ND	
	Zinc	mg/kg	17	92	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	57	ND	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.0083	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.0083	ND	
	1,1,2-Trichloroethane	mg/kg	0.0083	ND	
	1,1-Dichloroethane	mg/kg	0.0083	ND	
	1,1-Dichloroethene	mg/kg	0.0083	ND	
	1,2-Dichloroethane	mg/kg	0.0083	ND	
	1,2-Dichloropropane	mg/kg	0.0083	ND	
	2-Chloroethylvinylether	mg/kg	0.0083	ND	
	Acrolein	mg/kg	0.025	ND	
	Acrylonitrile	mg/kg	0.012	ND	
	Benzene	mg/kg	0.0017	ND	
	Bromodichloromethane	mg/kg	0.0083	ND	
	Bromoform	mg/kg	0.0083	ND	
	Bromomethane	mg/kg	0.0083	ND	
	Carbon tetrachloride	mg/kg	0.0083	ND	
	Chlorobenzene	mg/kg	0.0083	ND	
	Chloroethane	mg/kg	0.0083	ND	
	Chloroform	mg/kg	0.0083	ND	
	Chloromethane	mg/kg	0.0083	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.0083	ND	
	Dibromochloromethane	mg/kg	0.0083	ND	
	Ethylbenzene	mg/kg	0.0017	ND	
	M&p-Xylenes	mg/kg	0.0033	ND	
	Methylene chloride	mg/kg	0.0083	0.013	
	O-Xylene	mg/kg	0.0017	ND	
	Tetrachloroethene	mg/kg	0.0083	ND	
	Toluene	mg/kg	0.0017	ND	
	Trans-1,2-Dichloroethene	mg/kg	0.0083	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.0083	ND	
	Trichloroethene	mg/kg	0.0083	ND	
	Vinyl chloride	mg/kg	0.0083	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19615	PG-FILL11-112100SO02					
		% Solids SM2540G				
			% Solids	percent		82
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.30	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	1.7	22
		Oil & Grease				
			Oil & Grease	mg/kg	81	850
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0041	ND
			Alpha-BHC	mg/kg	0.0041	ND
			Beta-BHC	mg/kg	0.0041	ND
			Chlordane	mg/kg	0.0081	ND
			Delta-BHC	mg/kg	0.0041	ND
			Dieldrin	mg/kg	0.0041	ND
			Endosulfan I	mg/kg	0.0041	ND
			Endosulfan II	mg/kg	0.0041	ND
			Endosulfan Sulfate	mg/kg	0.0041	ND
			Endrin	mg/kg	0.0041	ND
			Endrin Aldehyde	mg/kg	0.0041	ND
			Endrin Ketone	mg/kg	0.0041	ND
			Gamma-BHC	mg/kg	0.0041	ND
			Heptachlor	mg/kg	0.0041	ND
			Heptachlor Epoxide	mg/kg	0.0041	ND
			Methoxychlor	mg/kg	0.0041	ND
			P,P'-DDD	mg/kg	0.0041	ND
			P,P'-DDE	mg/kg	0.0041	ND
			P,P'-DDT	mg/kg	0.0041	ND
			Toxaphene	mg/kg	0.041	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.02	ND
			Aroclor-1221	mg/kg	0.02	ND
			Aroclor-1232	mg/kg	0.02	ND
			Aroclor-1242	mg/kg	0.02	ND
			Aroclor-1248	mg/kg	0.02	ND
			Aroclor-1254	mg/kg	0.02	ND
			Aroclor-1260	mg/kg	0.02	ND
		pH 9045C				
			pH	units		7.9
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	1.5	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (8270)					
	1,2,4-Trichlorobenzene	mg/kg	0.20	ND	
	1,2-Dichlorobenzene	mg/kg	0.20	ND	
	1,2-Diphenylhydrazine	mg/kg	0.041	ND	
	1,3-Dichlorobenzene	mg/kg	0.20	ND	
	1,4-Dichlorobenzene	mg/kg	0.20	ND	
	2,4,6-Trichlorophenol	mg/kg	0.20	ND	
	2,4-Dichlorophenol	mg/kg	0.20	ND	
	2,4-Dimethylphenol	mg/kg	0.20	ND	
	2,4-Dinitrophenol	mg/kg	0.41	ND	
	2,4-Dinitrotoluene	mg/kg	0.20	ND	
	2,6-Dinitrotoluene	mg/kg	0.20	ND	
	2-Chloronaphthalene	mg/kg	0.20	ND	
	2-Chlorophenol	mg/kg	0.20	ND	
	2-Nitrophenol	mg/kg	0.20	ND	
	3,3'-Dichlorobenzidine	mg/kg	0.20	ND	
	4,6-Dinitro-2-methylphenol	mg/kg	0.20	ND	
	4-Bromophenyl-phenylether	mg/kg	0.20	ND	
	4-Chloro-3-methylphenol	mg/kg	0.20	ND	
	4-Chlorophenyl-phenylether	mg/kg	0.20	ND	
	4-Nitrophenol	mg/kg	0.20	ND	
	Acenaphthene	mg/kg	0.20	0.093J	
	Acenaphthylene	mg/kg	0.20	ND	
	Anthracene	mg/kg	0.20	0.34	
	Benzidine	mg/kg	0.41	ND	
	Benzo[a]anthracene	mg/kg	0.20	0.96	
	Benzo[a]pyrene	mg/kg	0.20	1.0	
	Benzo[b]fluoranthene	mg/kg	0.20	1.4	
	Benzo[g,h,i]perylene	mg/kg	0.20	0.42	
	Benzo[k]fluoranthene	mg/kg	0.20	0.59	
	Bis(2-Chloroethoxy)methane	mg/kg	0.20	ND	
	Bis(2-Chloroethyl)Ether	mg/kg	0.20	ND	
	Bis(2-Chloroisopropyl)ether	mg/kg	0.20	ND	
	Bis(2-Ethylhexyl)phthalate	mg/kg	0.20	0.10JB U	
	Butylbenzylphthalate	mg/kg	0.20	ND	
	Chrysene	mg/kg	0.20	1.0	
	Di-n-butylphthalate	mg/kg	0.20	0.11JB U	
	Di-n-octylphthalate	mg/kg	0.20	0.054J	
	Dibenzo[a,h]Anthracene	mg/kg	0.20	0.17J	
	Diethylphthalate	mg/kg	0.20	ND	
	Dimethylphthalate	mg/kg	0.20	ND	
	Fluoranthene	mg/kg	0.20	1.5	
	Fluorene	mg/kg	0.20	0.15J	
	Hexachlorobenzene	mg/kg	0.20	ND	
	Hexachlorobutadiene	mg/kg	0.20	ND	
	Hexachlorocyclopentadiene	mg/kg	0.61	ND	
	Hexachloroethane	mg/kg	0.20	ND	
	Indeno[1,2,3-cd]pyrene	mg/kg	0.20	0.37	
	Isophorone	mg/kg	0.20	ND	
	N-Nitroso-Di-N-Propylamine	mg/kg	0.20	ND	
	N-Nitrosodimethylamine	mg/kg	0.20	ND	
	N-Nitrosodiphenylamine	mg/kg	0.20	ND	
	Naphthalene	mg/kg	0.20	0.27	
	Nitrobenzene	mg/kg	0.20	ND	
	Pentachlorophenol	mg/kg	0.20	ND	
	Phenanthrene	mg/kg	0.20	1.3	
	Phenol	mg/kg	0.20	ND	
	Pyrene	mg/kg	0.20	1.5	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 6010				
		Aluminum	mg/kg	1000	3500
		Antimony	mg/kg	1.8	6.9
		Arsenic	mg/kg	2.4	21
		Barium	mg/kg	12	640
		Beryllium	mg/kg	0.49	ND
		Cadmium	mg/kg	0.37	8.4
		Calcium	mg/kg	1200	18000
		Chromium	mg/kg	4.9	64
		Cobalt	mg/kg	2	23
		Copper	mg/kg	4.6	1000
		Iron	mg/kg	14000	87000
		Lead	mg/kg	4.9	1100
		Magnesium	mg/kg	720	7000
		Manganese	mg/kg	20	910
		Nickel	mg/kg	3	530
		Potassium	mg/kg	490	ND
		Selenium	mg/kg	3	3.1
		Silver	mg/kg	0.61	.86
		Sodium	mg/kg	490	ND
		Thallium	mg/kg	1.5	ND
		Vanadium	mg/kg	12	25
		Zinc	mg/kg	12	1500
	Total Petroleum Hydrocarbons (Soil)				
		Total Petroleum Hydrocarbons (Soil)	mg/kg	41	110
	Volatile Organics + 15 (8260)				
		1,1,1-Trichloroethane	mg/kg	0.0061	ND
		1,1,2,2-Tetrachloroethane	mg/kg	0.0061	ND
		1,1,2-Trichloroethane	mg/kg	0.0061	ND
		1,1-Dichloroethane	mg/kg	0.0061	0.0025J
		1,1-Dichloroethene	mg/kg	0.0061	ND
		1,2-Dichloroethane	mg/kg	0.0061	ND
		1,2-Dichloropropane	mg/kg	0.0061	ND
		2-Chloroethylvinylether	mg/kg	0.0061	ND
		Acrolein	mg/kg	0.018	ND
		Acrylonitrile	mg/kg	0.0085	ND
		Benzene	mg/kg	0.0012	ND
		Bromodichloromethane	mg/kg	0.0061	ND
		Bromoform	mg/kg	0.0061	ND
		Bromomethane	mg/kg	0.0061	ND
		Carbon tetrachloride	mg/kg	0.0061	ND
		Chlorobenzene	mg/kg	0.0061	ND
		Chloroethane	mg/kg	0.0061	ND
		Chloroform	mg/kg	0.0061	ND
		Chloromethane	mg/kg	0.0061	ND
		Cis-1,3-Dichloropropene	mg/kg	0.0061	ND
		Dibromochloromethane	mg/kg	0.0061	ND
		Ethylbenzene	mg/kg	0.0012	ND
		M&p-Xylenes	mg/kg	0.0024	ND
		Methylene chloride	mg/kg	0.0061	0.0071
		O-Xylene	mg/kg	0.0012	ND
		Tetrachloroethene	mg/kg	0.0061	ND
		Toluene	mg/kg	0.0012	ND
		Trans-1,2-Dichloroethene	mg/kg	0.0061	ND
		Trans-1,3-Dichloropropene	mg/kg	0.0061	ND
		Trichloroethene	mg/kg	0.0061	ND
		Vinyl chloride	mg/kg	0.0061	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19616	PG-PD-01--112100SO02					
		% Solids SM2540G				
			% Solids	percent		89
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.28	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.16	ND
		Oil & Grease				
			Oil & Grease	mg/kg	75	170
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0037	ND
			Alpha-BHC	mg/kg	0.0037	ND
			Beta-BHC	mg/kg	0.0037	ND
			Chlordane	mg/kg	0.0075	ND
			Delta-BHC	mg/kg	0.0037	ND
			Dieldrin	mg/kg	0.0037	ND
			Endosulfan I	mg/kg	0.0037	ND
			Endosulfan II	mg/kg	0.0037	ND
			Endosulfan Sulfate	mg/kg	0.0037	ND
			Endrin	mg/kg	0.0037	ND
			Endrin Aldehyde	mg/kg	0.0037	ND
			Endrin Ketone	mg/kg	0.0037	ND
			Gamma-BHC	mg/kg	0.0037	ND
			Heptachlor	mg/kg	0.0037	ND
			Heptachlor Epoxide	mg/kg	0.0037	ND
			Methoxychlor	mg/kg	0.0037	ND
			P,P'-DDD	mg/kg	0.0037	ND
			P,P'-DDE	mg/kg	0.0037	ND
			P,P'-DDT	mg/kg	0.0037	ND
			Toxaphene	mg/kg	0.037	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.019	ND
			Aroclor-1221	mg/kg	0.019	ND
			Aroclor-1232	mg/kg	0.019	ND
			Aroclor-1242	mg/kg	0.019	ND
			Aroclor-1248	mg/kg	0.019	ND
			Aroclor-1254	mg/kg	0.019	ND
			Aroclor-1260	mg/kg	0.019	ND
		pH 9045C				
			pH	units		8.4
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	1.4	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.19	ND
		1,2-Dichlorobenzene	mg/kg	0.19	ND
		1,2-Diphenylhydrazine	mg/kg	0.037	ND
		1,3-Dichlorobenzene	mg/kg	0.19	ND
		1,4-Dichlorobenzene	mg/kg	0.19	ND
		2,4,6-Trichlorophenol	mg/kg	0.19	ND
		2,4-Dichlorophenol	mg/kg	0.19	ND
		2,4-Dimethylphenol	mg/kg	0.19	ND
		2,4-Dinitrophenol	mg/kg	0.37	ND
		2,4-Dinitrotoluene	mg/kg	0.19	ND
		2,6-Dinitrotoluene	mg/kg	0.19	ND
		2-Chloronaphthalene	mg/kg	0.19	ND
		2-Chlorophenol	mg/kg	0.19	ND
		2-Nitrophenol	mg/kg	0.19	ND
		3,3'-Dichlorobenzidine	mg/kg	0.19	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.19	ND
		4-Bromophenyl-phenylether	mg/kg	0.19	ND
		4-Chloro-3-methylphenol	mg/kg	0.19	ND
		4-Chlorophenyl-phenylether	mg/kg	0.19	ND
		4-Nitrophenol	mg/kg	0.19	ND
		Acenaphthene	mg/kg	0.19	ND
		Acenaphthylene	mg/kg	0.19	ND
		Anthracene	mg/kg	0.19	ND
		Benzidine	mg/kg	0.37	ND
		Benzo[a]anthracene	mg/kg	0.19	ND
		Benzo[a]pyrene	mg/kg	0.19	ND
		Benzo[b]fluoranthene	mg/kg	0.19	ND
		Benzo[g,h,i]perylene	mg/kg	0.19	ND
		Benzo[k]fluoranthene	mg/kg	0.19	ND
		Bis(2-Chloroethoxy)methane	mg/kg	0.19	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.19	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.19	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.19	0.086 JB U
		Butylbenzylphthalate	mg/kg	0.19	ND
		Chrysene	mg/kg	0.19	ND
		Di-n-butylphthalate	mg/kg	0.19	ND
		Di-n-octylphthalate	mg/kg	0.19	ND
		Dibenzo[a,h]Anthracene	mg/kg	0.19	ND
		Diethylphthalate	mg/kg	0.19	ND
		Dimethylphthalate	mg/kg	0.19	ND
		Fluoranthene	mg/kg	0.19	ND
		Fluorene	mg/kg	0.19	ND
		Hexachlorobenzene	mg/kg	0.19	ND
		Hexachlorobutadiene	mg/kg	0.19	ND
		Hexachlorocyclopentadiene	mg/kg	0.56	ND
		Hexachloroethane	mg/kg	0.19	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.19	ND
		Isophorone	mg/kg	0.19	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.19	ND
		N-Nitrosodimethylamine	mg/kg	0.19	ND
		N-Nitrosodiphenylamine	mg/kg	0.19	ND
		Naphthalene	mg/kg	0.19	ND
		Nitrobenzene	mg/kg	0.19	ND
		Pentachlorophenol	mg/kg	0.19	ND
		Phenanthrene	mg/kg	0.19	ND
		Phenol	mg/kg	0.19	ND
		Pyrene	mg/kg	0.19	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	4700	ND	
	Antimony	mg/kg	8.1	ND	
	Arsenic	mg/kg	11	13	
	Barium	mg/kg	56	170	
	Beryllium	mg/kg	2.2	ND	
	Cadmium	mg/kg	1.7	ND	
	Calcium	mg/kg	5600	16000	
	Chromium	mg/kg	22	ND	
	Cobalt	mg/kg	9.3	ND	
	Copper	mg/kg	21	92	
	Iron	mg/kg	13000	ND	
	Lead	mg/kg	22	80	
	Magnesium	mg/kg	3300	ND	
	Manganese	mg/kg	91	ND	
	Nickel	mg/kg	14	23	
	Potassium	mg/kg	450	ND	
	Selenium	mg/kg	14	ND	
	Silver	mg/kg	2.8	ND	
	Sodium	mg/kg	450	ND	
	Thallium	mg/kg	6.7	ND	
	Vanadium	mg/kg	56	ND	
	Zinc	mg/kg	56	240	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	38	ND	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.0056	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.0056	ND	
	1,1,2-Trichloroethane	mg/kg	0.0056	ND	
	1,1-Dichloroethane	mg/kg	0.0056	ND	
	1,1-Dichloroethene	mg/kg	0.0056	ND	
	1,2-Dichloroethane	mg/kg	0.0056	ND	
	1,2-Dichloropropane	mg/kg	0.0056	ND	
	2-Chloroethylvinylether	mg/kg	0.0056	ND	
	Acrolein	mg/kg	0.017	ND	
	Acrylonitrile	mg/kg	0.0078	ND	
	Benzene	mg/kg	0.0011	ND	
	Bromodichloromethane	mg/kg	0.0056	ND	
	Bromoform	mg/kg	0.0056	ND	
	Bromomethane	mg/kg	0.0056	ND	
	Carbon tetrachloride	mg/kg	0.0056	ND	
	Chlorobenzene	mg/kg	0.0056	ND	
	Chloroethane	mg/kg	0.0056	ND	
	Chloroform	mg/kg	0.0056	ND	
	Chloromethane	mg/kg	0.0056	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.0056	ND	
	Dibromochloromethane	mg/kg	0.0056	ND	
	Ethylbenzene	mg/kg	0.0011	ND	
	M&p-Xylenes	mg/kg	0.0022	ND	
	Methylene chloride	mg/kg	0.0056	0.0073	
	O-Xylene	mg/kg	0.0011	ND	
	Tetrachloroethene	mg/kg	0.0056	ND	
	Toluene	mg/kg	0.0011	ND	
	Trans-1,2-Dichloroethene	mg/kg	0.0056	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.0056	ND	
	Trichloroethene	mg/kg	0.0056	ND	
	Vinyl chloride	mg/kg	0.0056	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19617	PG-PD-01--112100SO06					
		% Solids SM2540G				
			% Solids	percent		79
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.32	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.18	ND
		Oil & Grease				
			Oil & Grease	mg/kg	84	370
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0042	ND
			Alpha-BHC	mg/kg	0.0042	ND
			Beta-BHC	mg/kg	0.0042	ND
			Chlordane	mg/kg	0.0084	ND
			Delta-BHC	mg/kg	0.0042	ND
			Dieldrin	mg/kg	0.0042	ND
			Endosulfan I	mg/kg	0.0042	ND
			Endosulfan II	mg/kg	0.0042	ND
			Endosulfan Sulfate	mg/kg	0.0042	ND
			Endrin	mg/kg	0.0042	ND
			Endrin Aldehyde	mg/kg	0.0042	ND
			Endrin Ketone	mg/kg	0.0042	ND
			Gamma-BHC	mg/kg	0.0042	ND
			Heptachlor	mg/kg	0.0042	ND
			Heptachlor Epoxide	mg/kg	0.0042	ND
			Methoxychlor	mg/kg	0.0042	ND
			P,P'-DDD	mg/kg	0.0042	ND
			P,P'-DDE	mg/kg	0.0042	ND
			P,P'-DDT	mg/kg	0.0042	ND
			Toxaphene	mg/kg	0.042	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.021	ND
			Aroclor-1221	mg/kg	0.021	ND
			Aroclor-1232	mg/kg	0.021	ND
			Aroclor-1242	mg/kg	0.021	ND
			Aroclor-1248	mg/kg	0.021	ND
			Aroclor-1254	mg/kg	0.021	ND
			Aroclor-1260	mg/kg	0.021	ND
		pH 9045C				
			pH	units		7.0
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	1.6	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.21	ND
		1,2-Dichlorobenzene	mg/kg	0.21	ND
		1,2-Diphenylhydrazine	mg/kg	0.042	ND
		1,3-Dichlorobenzene	mg/kg	0.21	ND
		1,4-Dichlorobenzene	mg/kg	0.21	ND
		2,4,6-Trichlorophenol	mg/kg	0.21	ND
		2,4-Dichlorophenol	mg/kg	0.21	ND
		2,4-Dimethylphenol	mg/kg	0.21	ND
		2,4-Dinitrophenol	mg/kg	0.42	ND
		2,4-Dinitrotoluene	mg/kg	0.21	ND
		2,6-Dinitrotoluene	mg/kg	0.21	ND
		2-Chloronaphthalene	mg/kg	0.21	ND
		2-Chlorophenol	mg/kg	0.21	ND
		2-Nitrophenol	mg/kg	0.21	ND
		3,3'-Dichlorobenzidine	mg/kg	0.21	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.21	ND
		4-Bromophenyl-phenylether	mg/kg	0.21	ND
		4-Chloro-3-methylphenol	mg/kg	0.21	ND
		4-Chlorophenyl-phenylether	mg/kg	0.21	ND
		4-Nitrophenol	mg/kg	0.21	ND
		Acenaphthene	mg/kg	0.21	ND
		Acenaphthylene	mg/kg	0.21	ND
		Anthracene	mg/kg	0.21	ND
		Benzidine	mg/kg	0.42	ND
		Benzo[a]anthracene	mg/kg	0.21	ND
		Benzo[a]pyrene	mg/kg	0.21	ND
		Benzo[b]fluoranthene	mg/kg	0.21	ND
		Benzo[g,h,i]perylene	mg/kg	0.21	ND
		Benzo[k]fluoranthene	mg/kg	0.21	ND
		Bis(2-Chloroethoxy)methane	mg/kg	0.21	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.21	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.21	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.21	0.22B U
		Butylbenzylphthalate	mg/kg	0.21	ND
		Chrysene	mg/kg	0.21	ND
		Di-n-butylphthalate	mg/kg	0.21	ND
		Di-n-octylphthalate	mg/kg	0.21	ND
		Dibenzo[a,h]Anthracene	mg/kg	0.21	ND
		Diethylphthalate	mg/kg	0.21	ND
		Dimethylphthalate	mg/kg	0.21	ND
		Fluoranthene	mg/kg	0.21	ND
		Fluorene	mg/kg	0.21	ND
		Hexachlorobenzene	mg/kg	0.21	ND
		Hexachlorobutadiene	mg/kg	0.21	ND
		Hexachlorocyclopentadiene	mg/kg	0.63	ND
		Hexachloroethane	mg/kg	0.21	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.21	ND
		Isophorone	mg/kg	0.21	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.21	ND
		N-Nitrosodimethylamine	mg/kg	0.21	ND
		N-Nitrosodiphenylamine	mg/kg	0.21	ND
		Naphthalene	mg/kg	0.21	ND
		Nitrobenzene	mg/kg	0.21	ND
		Pentachlorophenol	mg/kg	0.21	ND
		Phenanthrene	mg/kg	0.21	ND
		Phenol	mg/kg	0.21	ND
		Pyrene	mg/kg	0.21	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 6010				
		Aluminum	mg/kg	1100	1100
		Antimony	mg/kg	1.8	ND
		Arsenic	mg/kg	2.5	ND
		Barium	mg/kg	13	13
		Beryllium	mg/kg	0.51	ND
		Cadmium	mg/kg	0.38	ND
		Calcium	mg/kg	1300	ND
		Chromium	mg/kg	5.1	ND
		Cobalt	mg/kg	2.1	ND
		Copper	mg/kg	4.8	5.8
		Iron	mg/kg	3000	4500
		Lead	mg/kg	5.1	ND
		Magnesium	mg/kg	750	ND
		Manganese	mg/kg	21	ND
		Nickel	mg/kg	3.1	ND
		Potassium	mg/kg	510	ND
		Selenium	mg/kg	3.2	ND
		Silver	mg/kg	0.63	ND
		Sodium	mg/kg	510	ND
		Thallium	mg/kg	1.5	ND
		Vanadium	mg/kg	13	ND
		Zinc	mg/kg	13	17
	Total Petroleum Hydrocarbons (Soil)				
		Total Petroleum Hydrocarbons (Soil)	mg/kg	43	ND
	Volatile Organics + 15 (8260)				
		1,1,1-Trichloroethane	mg/kg	0.0063	ND
		1,1,2,2-Tetrachloroethane	mg/kg	0.0063	ND
		1,1,2-Trichloroethane	mg/kg	0.0063	ND
		1,1-Dichloroethane	mg/kg	0.0063	ND
		1,1-Dichloroethene	mg/kg	0.0063	ND
		1,2-Dichloroethane	mg/kg	0.0063	ND
		1,2-Dichloropropane	mg/kg	0.0063	ND
		2-Chloroethylvinylether	mg/kg	0.0063	ND
		Acrolein	mg/kg	0.019	ND
		Acrylonitrile	mg/kg	0.0088	ND
		Benzene	mg/kg	0.0013	ND
		Bromodichloromethane	mg/kg	0.0063	ND
		Bromoform	mg/kg	0.0063	ND
		Bromomethane	mg/kg	0.0063	ND
		Carbon tetrachloride	mg/kg	0.0063	ND
		Chlorobenzene	mg/kg	0.0063	ND
		Chloroethane	mg/kg	0.0063	ND
		Chloroform	mg/kg	0.0063	ND
		Chloromethane	mg/kg	0.0063	ND
		Cis-1,3-Dichloropropene	mg/kg	0.0063	ND
		Dibromochloromethane	mg/kg	0.0063	ND
		Ethylbenzene	mg/kg	0.0013	ND
		M&p-Xylenes	mg/kg	0.0025	ND
		Methylene chloride	mg/kg	0.0063	0.0026JB U
		O-Xylene	mg/kg	0.0013	ND
		Tetrachloroethene	mg/kg	0.0063	ND
		Toluene	mg/kg	0.0013	ND
		Trans-1,2-Dichloroethene	mg/kg	0.0063	ND
		Trans-1,3-Dichloropropene	mg/kg	0.0063	ND
		Trichloroethene	mg/kg	0.0063	ND
		Vinyl chloride	mg/kg	0.0063	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19618	PG-PD-06--112100SO04					
		% Solids SM2540G				
			% Solids	percent		47
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.53	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.3	ND
		Oil & Grease				
			Oil & Grease	mg/kg	140	470
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0071	ND
			Alpha-BHC	mg/kg	0.0071	ND
			Beta-BHC	mg/kg	0.0071	ND
			Chlordane	mg/kg	0.014	ND
			Delta-BHC	mg/kg	0.0071	ND
			Dieldrin	mg/kg	0.0071	ND
			Endosulfan I	mg/kg	0.0071	ND
			Endosulfan II	mg/kg	0.0071	ND
			Endosulfan Sulfate	mg/kg	0.0071	ND
			Endrin	mg/kg	0.0071	ND
			Endrin Aldehyde	mg/kg	0.0071	ND
			Endrin Ketone	mg/kg	0.0071	ND
			Gamma-BHC	mg/kg	0.0071	ND
			Heptachlor	mg/kg	0.0071	ND
			Heptachlor Epoxide	mg/kg	0.0071	ND
			Methoxychlor	mg/kg	0.0071	ND
			P,P'-DDD	mg/kg	0.0071	ND
			P,P'-DDE	mg/kg	0.0071	ND
			P,P'-DDT	mg/kg	0.0071	ND
			Toxaphene	mg/kg	0.071	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.035	ND
			Aroclor-1221	mg/kg	0.035	ND
			Aroclor-1232	mg/kg	0.035	ND
			Aroclor-1242	mg/kg	0.035	ND
			Aroclor-1248	mg/kg	0.035	ND
			Aroclor-1254	mg/kg	0.035	.051
			Aroclor-1260	mg/kg	0.035	ND
		pH 9045C				
			pH	units		7.3
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	2.7	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.35	ND
		1,2-Dichlorobenzene	mg/kg	0.35	ND
		1,2-Diphenylhydrazine	mg/kg	0.071	ND
		1,3-Dichlorobenzene	mg/kg	0.35	ND
		1,4-Dichlorobenzene	mg/kg	0.35	ND
		2,4,6-Trichlorophenol	mg/kg	0.35	ND
		2,4-Dichlorophenol	mg/kg	0.35	ND
		2,4-Dimethylphenol	mg/kg	0.35	0.63
		2,4-Dinitrophenol	mg/kg	0.71	ND
		2,4-Dinitrotoluene	mg/kg	0.35	ND
		2,6-Dinitrotoluene	mg/kg	0.35	ND
		2-Chloronaphthalene	mg/kg	0.35	ND
		2-Chlorophenol	mg/kg	0.35	ND
		2-Nitrophenol	mg/kg	0.35	ND
		3,3'-Dichlorobenzidine	mg/kg	0.35	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.35	ND
		4-Bromophenyl-phenylether	mg/kg	0.35	ND
		4-Chloro-3-methylphenol	mg/kg	0.35	0.20J
		4-Chlorophenyl-phenylether	mg/kg	0.35	ND
		4-Nitrophenol	mg/kg	0.35	ND
		Acenaphthene	mg/kg	0.35	0.084J
		Acenaphthylene	mg/kg	0.35	ND
		Anthracene	mg/kg	0.35	0.088J
		Benzidine	mg/kg	0.71	ND
		Benzo[a]anthracene	mg/kg	0.35	0.11J
		Benzo[a]pyrene	mg/kg	0.35	ND
		Benzo[b]fluoranthene	mg/kg	0.35	ND
		Benzo[g,h,i]perylene	mg/kg	0.35	ND
		Benzo[k]fluoranthene	mg/kg	0.35	ND
		Bis(2-Chloroethoxy)methane	mg/kg	0.35	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.35	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.35	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.35	0.43B U
		Butylbenzylphthalate	mg/kg	0.35	ND
		Chrysene	mg/kg	0.35	0.095J
		Di-n-butylphthalate	mg/kg	0.35	ND
		Di-n-octylphthalate	mg/kg	0.35	0.11J
		Dibenzo[a,h]Anthracene	mg/kg	0.35	ND
		Diethylphthalate	mg/kg	0.35	ND
		Dimethylphthalate	mg/kg	0.35	ND
		Fluoranthene	mg/kg	0.35	0.35J
		Fluorene	mg/kg	0.35	0.13J
		Hexachlorobenzene	mg/kg	0.35	ND
		Hexachlorobutadiene	mg/kg	0.35	ND
		Hexachlorocyclopentadiene	mg/kg	1.1	ND
		Hexachloroethane	mg/kg	0.35	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.35	ND
		Isophorone	mg/kg	0.35	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.35	ND
		N-Nitrosodimethylamine	mg/kg	0.35	ND
		N-Nitrosodiphenylamine	mg/kg	0.35	ND
		Naphthalene	mg/kg	0.35	0.35J
		Nitrobenzene	mg/kg	0.35	ND
		Pentachlorophenol	mg/kg	0.35	ND
		Phenanthrene	mg/kg	0.35	0.37
		Phenol	mg/kg	0.35	ND
		Pyrene	mg/kg	0.35	0.26J

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	1800	3600	
	Antimony	mg/kg	3.1	ND	
	Arsenic	mg/kg	4.3	ND	
	Barium	mg/kg	21	27	
	Beryllium	mg/kg	0.85	ND	
	Cadmium	mg/kg	0.64	ND	
	Calcium	mg/kg	21000	270000	
	Chromium	mg/kg	8.5	10	
	Cobalt	mg/kg	3.5	ND	
	Copper	mg/kg	8.1	13	
	Iron	mg/kg	5000	ND	
	Lead	mg/kg	8.5	12	
	Magnesium	mg/kg	1300	3000	
	Manganese	mg/kg	34	58	
	Nickel	mg/kg	5.2	8.8	
	Potassium	mg/kg	850	ND	
	Selenium	mg/kg	5.3	ND	
	Silver	mg/kg	1.1	ND	
	Sodium	mg/kg	850	2300	
	Thallium	mg/kg	2.6	ND	
	Vanadium	mg/kg	21	ND	
	Zinc	mg/kg	21	46	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	72	ND	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.053	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.053	ND	
	1,1,2-Trichloroethane	mg/kg	0.053	ND	
	1,1-Dichloroethane	mg/kg	0.053	ND	
	1,1-Dichloroethene	mg/kg	0.053	ND	
	1,2-Dichloroethane	mg/kg	0.053	ND	
	1,2-Dichloropropane	mg/kg	0.053	ND	
	2-Chloroethylvinylether	mg/kg	0.053	ND	
	Acrolein	mg/kg	0.16	ND	
	Acrylonitrile	mg/kg	0.074	ND	
	Benzene	mg/kg	0.011	ND	
	Bromodichloromethane	mg/kg	0.053	ND	
	Bromoform	mg/kg	0.053	ND	
	Bromomethane	mg/kg	0.053	ND	
	Carbon tetrachloride	mg/kg	0.053	ND	
	Chlorobenzene	mg/kg	0.053	ND	
	Chloroethane	mg/kg	0.053	ND	
	Chloroform	mg/kg	0.053	ND	
	Chloromethane	mg/kg	0.053	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.053	ND	
	Dibromochloromethane	mg/kg	0.053	ND	
	Ethylbenzene	mg/kg	0.011	ND	
	M&p-Xylenes	mg/kg	0.021	ND	
	Methylene chloride	mg/kg	0.053	0.025 JB U	
	O-Xylene	mg/kg	0.011	ND	
	Tetrachloroethene	mg/kg	0.053	ND	
	Toluene	mg/kg	0.011	0.025	
	Trans-1,2-Dichloroethene	mg/kg	0.053	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.053	ND	
	Trichloroethene	mg/kg	0.053	ND	
	Vinyl chloride	mg/kg	0.053	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19619	PG-PD-06--112100SO07					
		% Solids SM2540G				
			% Solids	percent		26
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.96	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.55	ND
		Oil & Grease				
			Oil & Grease	mg/kg	260	6200
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.013	ND
			Alpha-BHC	mg/kg	0.013	ND
			Beta-BHC	mg/kg	0.013	ND
			Chlordane	mg/kg	0.026	ND
			Delta-BHC	mg/kg	0.013	ND
			Dieldrin	mg/kg	0.013	ND
			Endosulfan I	mg/kg	0.013	ND
			Endosulfan II	mg/kg	0.013	ND
			Endosulfan Sulfate	mg/kg	0.013	ND
			Endrin	mg/kg	0.013	ND
			Endrin Aldehyde	mg/kg	0.013	ND
			Endrin Ketone	mg/kg	0.013	ND
			Gamma-BHC	mg/kg	0.013	ND
			Heptachlor	mg/kg	0.013	ND
			Heptachlor Epoxide	mg/kg	0.013	ND
			Methoxychlor	mg/kg	0.013	ND
			P,P'-DDD	mg/kg	0.013	ND
			P,P'-DDE	mg/kg	0.013	ND
			P,P'-DDT	mg/kg	0.013	ND
			Toxaphene	mg/kg	0.13	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.064	ND
			Aroclor-1221	mg/kg	0.064	ND
			Aroclor-1232	mg/kg	0.064	ND
			Aroclor-1242	mg/kg	0.064	ND
			Aroclor-1248	mg/kg	0.064	ND
			Aroclor-1254	mg/kg	0.064	ND
			Aroclor-1260	mg/kg	0.064	ND
		pH 9045C				
			pH	units		10
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	4.8	25

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.64	ND
		1,2-Dichlorobenzene	mg/kg	0.64	ND
		1,2-Diphenylhydrazine	mg/kg	0.13	ND
		1,3-Dichlorobenzene	mg/kg	0.64	ND
		1,4-Dichlorobenzene	mg/kg	0.64	ND
		2,4,6-Trichlorophenol	mg/kg	0.64	ND
		2,4-Dichlorophenol	mg/kg	0.64	ND
		2,4-Dimethylphenol	mg/kg	0.64	ND
		2,4-Dinitrophenol	mg/kg	1.3	ND
		2,4-Dinitrotoluene	mg/kg	0.64	ND
		2,6-Dinitrotoluene	mg/kg	0.64	ND
		2-Chloronaphthalene	mg/kg	0.64	ND
		2-Chlorophenol	mg/kg	0.64	ND
		2-Nitrophenol	mg/kg	0.64	ND
		3,3'-Dichlorobenzidine	mg/kg	0.64	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.64	ND
		4-Bromophenyl-phenylether	mg/kg	0.64	ND
		4-Chloro-3-methylphenol	mg/kg	0.64	ND
		4-Chlorophenyl-phenylether	mg/kg	0.64	ND
		4-Nitrophenol	mg/kg	0.64	ND
		Acenaphthene	mg/kg	0.64	1.2
		Acenaphthylene	mg/kg	0.64	ND
		Anthracene	mg/kg	0.64	1.1
		Benzidine	mg/kg	1.3	ND
		Benzo[a]anthracene	mg/kg	0.64	0.42J
		Benzo[a]pyrene	mg/kg	0.64	ND
		Benzo[b]fluoranthene	mg/kg	0.64	ND
		Benzo[g,h,i]perylene	mg/kg	0.64	ND
		Benzo[k]fluoranthene	mg/kg	0.64	ND
		Bis(2-Chloroethoxy)methane	mg/kg	0.64	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.64	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.64	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.64	0.65B U
		Butylbenzylphthalate	mg/kg	0.64	ND
		Chrysene	mg/kg	0.64	0.33J
		Di-n-butylphthalate	mg/kg	0.64	0.15JB U
		Di-n-octylphthalate	mg/kg	0.64	ND
		Dibenzo[a,h]Anthracene	mg/kg	0.64	ND
		Diethylphthalate	mg/kg	0.64	ND
		Dimethylphthalate	mg/kg	0.64	ND
		Fluoranthene	mg/kg	0.64	2.1
		Fluorene	mg/kg	0.64	1.7
		Hexachlorobenzene	mg/kg	0.64	ND
		Hexachlorobutadiene	mg/kg	0.64	ND
		Hexachlorocyclopentadiene	mg/kg	1.9	ND
		Hexachloroethane	mg/kg	0.64	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.64	ND
		Isophorone	mg/kg	0.64	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.64	ND
		N-Nitrosodimethylamine	mg/kg	0.64	ND
		N-Nitrosodiphenylamine	mg/kg	0.64	ND
		Naphthalene	mg/kg	0.64	0.48J
		Nitrobenzene	mg/kg	0.64	ND
		Pentachlorophenol	mg/kg	0.64	ND
		Phenanthrene	mg/kg	0.64	6.5
		Phenol	mg/kg	0.64	0.19J
		Pyrene	mg/kg	0.64	1.3

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	3200	5500	
	Antimony	mg/kg	5.6	ND	
	Arsenic	mg/kg	7.7	14	
	Barium	mg/kg	38	160	
	Beryllium	mg/kg	1.5	ND	
	Cadmium	mg/kg	1.2	51	
	Calcium	mg/kg	3800	150000	
	Chromium	mg/kg	15	ND	
	Cobalt	mg/kg	6.3	ND	
	Copper	mg/kg	15	560	
	Iron	mg/kg	9100	9300	
	Lead	mg/kg	15	340	
	Magnesium	mg/kg	2300	58000	
	Manganese	mg/kg	62	190	
	Nickel	mg/kg	9.4	120	
	Potassium	mg/kg	1500	ND	
	Selenium	mg/kg	9.6	ND	
	Silver	mg/kg	1.9	ND	
	Sodium	mg/kg	1500	9700	
	Thallium	mg/kg	4.6	ND	
	Vanadium	mg/kg	38	ND	
	Zinc	mg/kg	38	4500	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	130	210	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.019	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.019	ND	
	1,1,2-Trichloroethane	mg/kg	0.019	ND	
	1,1-Dichloroethane	mg/kg	0.019	ND	
	1,1-Dichloroethene	mg/kg	0.019	ND	
	1,2-Dichloroethane	mg/kg	0.019	ND	
	1,2-Dichloropropane	mg/kg	0.019	ND	
	2-Chloroethylvinylether	mg/kg	0.019	ND	
	Acrolein	mg/kg	0.058	ND	
	Acrylonitrile	mg/kg	0.027	ND	
	Benzene	mg/kg	0.0038	0.035	
	Bromodichloromethane	mg/kg	0.019	ND	
	Bromoform	mg/kg	0.019	ND	
	Bromomethane	mg/kg	0.019	ND	
	Carbon tetrachloride	mg/kg	0.019	ND	
	Chlorobenzene	mg/kg	0.019	ND	
	Chloroethane	mg/kg	0.019	ND	
	Chloroform	mg/kg	0.019	ND	
	Chloromethane	mg/kg	0.019	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.019	ND	
	Dibromochloromethane	mg/kg	0.019	ND	
	Ethylbenzene	mg/kg	0.0038	0.012	
	M&p-Xylenes	mg/kg	0.0077	0.029	
	Methylene chloride	mg/kg	0.019	0.010JB U	
	O-Xylene	mg/kg	0.0038	0.018	
	Tetrachloroethene	mg/kg	0.019	ND	
	Toluene	mg/kg	0.0038	0.28	
	Trans-1,2-Dichloroethene	mg/kg	0.019	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.019	ND	
	Trichloroethene	mg/kg	0.019	ND	
	Vinyl chloride	mg/kg	0.019	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
AB19620	PG-G-02-112100SO01				
	% Solids SM2540G				
		% Solids	percent		86
	Cyanide (soil/waste)				
		Cyanide	mg/kg	0.29	ND
	Mercury (soil/waste) 7471A				
		Mercury	mg/kg	0.17	.25
	Oil & Grease				
		Oil & Grease	mg/kg	78	ND
	Organochlorine Pesticides 8081				
		Aldrin	mg/kg	0.0039	ND
		Alpha-BHC	mg/kg	0.0039	ND
		Beta-BHC	mg/kg	0.0039	ND
		Chlordane	mg/kg	0.0078	ND
		Delta-BHC	mg/kg	0.0039	ND
		Dieldrin	mg/kg	0.0039	ND
		Endosulfan I	mg/kg	0.0039	ND
		Endosulfan II	mg/kg	0.0039	ND
		Endosulfan Sulfate	mg/kg	0.0039	ND
		Endrin	mg/kg	0.0039	ND
		Endrin Aldehyde	mg/kg	0.0039	ND
		Endrin Ketone	mg/kg	0.0039	ND
		Gamma-BHC	mg/kg	0.0039	ND
		Heptachlor	mg/kg	0.0039	ND
		Heptachlor Epoxide	mg/kg	0.0039	ND
		Methoxychlor	mg/kg	0.0039	ND
		P,P'-DDD	mg/kg	0.0039	ND
		P,P'-DDE	mg/kg	0.0039	ND
		P,P'-DDT	mg/kg	0.0039	ND
		Toxaphene	mg/kg	0.039	ND
	PCB 8082				
		Aroclor-1016	mg/kg	0.019	ND
		Aroclor-1221	mg/kg	0.019	ND
		Aroclor-1232	mg/kg	0.019	ND
		Aroclor-1242	mg/kg	0.019	ND
		Aroclor-1248	mg/kg	0.019	ND
		Aroclor-1254	mg/kg	0.019	ND
		Aroclor-1260	mg/kg	0.019	ND
	pH 9045C				
		pH	units		8.3
	Phenols (soil/waste) 9065				
		Phenol	mg/kg	1.4	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.19	ND
		1,2-Dichlorobenzene	mg/kg	0.19	ND
		1,2-Diphenylhydrazine	mg/kg	0.039	ND
		1,3-Dichlorobenzene	mg/kg	0.19	ND
		1,4-Dichlorobenzene	mg/kg	0.19	ND
		2,4,6-Trichlorophenol	mg/kg	0.19	ND
		2,4-Dichlorophenol	mg/kg	0.19	ND
		2,4-Dimethylphenol	mg/kg	0.19	ND
		2,4-Dinitrophenol	mg/kg	0.39	ND
		2,4-Dinitrotoluene	mg/kg	0.19	ND
		2,6-Dinitrotoluene	mg/kg	0.19	ND
		2-Chloronaphthalene	mg/kg	0.19	ND
		2-Chlorophenol	mg/kg	0.19	ND
		2-Nitrophenol	mg/kg	0.19	ND
		3,3'-Dichlorobenzidine	mg/kg	0.19	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.19	ND
		4-Bromophenyl-phenylether	mg/kg	0.19	ND
		4-Chloro-3-methylphenol	mg/kg	0.19	ND
		4-Chlorophenyl-phenylether	mg/kg	0.19	ND
		4-Nitrophenol	mg/kg	0.19	ND
		Acenaphthene	mg/kg	0.19	ND
		Acenaphthylene	mg/kg	0.19	0.12J
		Anthracene	mg/kg	0.19	0.081J
		Benzidine	mg/kg	0.39	ND
		Benzo[a]anthracene	mg/kg	0.19	0.64
		Benzo[a]pyrene	mg/kg	0.19	0.56
		Benzo[b]fluoranthene	mg/kg	0.19	0.86
		Benzo[g,h,i]perylene	mg/kg	0.19	0.39
		Benzo[k]fluoranthene	mg/kg	0.19	0.21
		Bis(2-Chloroethoxy)methane	mg/kg	0.19	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.19	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.19	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.19	0.21B U
		Butylbenzylphthalate	mg/kg	0.19	ND
		Chrysene	mg/kg	0.19	0.73
		Di-n-butylphthalate	mg/kg	0.19	0.055JB U
		Di-n-octylphthalate	mg/kg	0.19	ND
		Dibenzo[a,h]Anthracene	mg/kg	0.19	0.16J
		Diethylphthalate	mg/kg	0.19	ND
		Dimethylphthalate	mg/kg	0.19	ND
		Fluoranthene	mg/kg	0.19	1.2
		Fluorene	mg/kg	0.19	ND
		Hexachlorobenzene	mg/kg	0.19	ND
		Hexachlorobutadiene	mg/kg	0.19	ND
		Hexachlorocyclopentadiene	mg/kg	0.58	ND
		Hexachloroethane	mg/kg	0.19	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.19	0.36
		Isophorone	mg/kg	0.19	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.19	ND
		N-Nitrosodimethylamine	mg/kg	0.19	ND
		N-Nitrosodiphenylamine	mg/kg	0.19	ND
		Naphthalene	mg/kg	0.19	0.087J
		Nitrobenzene	mg/kg	0.19	ND
		Pentachlorophenol	mg/kg	0.19	ND
		Phenanthrene	mg/kg	0.19	0.53
		Phenol	mg/kg	0.19	ND
		Pyrene	mg/kg	0.19	1.0

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	980	4000	
	Antimony	mg/kg	1.7	6.9	
	Arsenic	mg/kg	2.3	240	
	Barium	mg/kg	12	280	
	Beryllium	mg/kg	0.47	1.7	
	Cadmium	mg/kg	0.35	.45	
	Calcium	mg/kg	1200	11000	
	Chromium	mg/kg	4.7	38	
	Cobalt	mg/kg	1.9	15	
	Copper	mg/kg	4.4	410	
	Iron	mg/kg	14000	45000	
	Lead	mg/kg	4.7	820	
	Magnesium	mg/kg	690	4800	
	Manganese	mg/kg	19	330	
	Nickel	mg/kg	2.8	380	
	Potassium	mg/kg	470	ND	
	Selenium	mg/kg	2.9	3	
	Silver	mg/kg	0.58	ND	
	Sodium	mg/kg	470	ND	
	Thallium	mg/kg	1.4	ND	
	Vanadium	mg/kg	12	25	
	Zinc	mg/kg	12	1100	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	40	ND	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.0058	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.0058	ND	
	1,1,2-Trichloroethane	mg/kg	0.0058	ND	
	1,1-Dichloroethane	mg/kg	0.0058	ND	
	1,1-Dichloroethene	mg/kg	0.0058	ND	
	1,2-Dichloroethane	mg/kg	0.0058	ND	
	1,2-Dichloropropane	mg/kg	0.0058	ND	
	2-Chloroethylvinylether	mg/kg	0.0058	ND	
	Acrolein	mg/kg	0.017	ND	
	Acrylonitrile	mg/kg	0.0081	ND	
	Benzene	mg/kg	0.0012	ND	
	Bromodichloromethane	mg/kg	0.0058	ND	
	Bromoform	mg/kg	0.0058	ND	
	Bromomethane	mg/kg	0.0058	ND	
	Carbon tetrachloride	mg/kg	0.0058	ND	
	Chlorobenzene	mg/kg	0.0058	ND	
	Chloroethane	mg/kg	0.0058	ND	
	Chloroform	mg/kg	0.0058	ND	
	Chloromethane	mg/kg	0.0058	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.0058	ND	
	Dibromochloromethane	mg/kg	0.0058	ND	
	Ethylbenzene	mg/kg	0.0012	ND	
	M&p-Xylenes	mg/kg	0.0023	ND	
	Methylene chloride	mg/kg	0.0058	0.0056JB U	
	O-Xylene	mg/kg	0.0012	ND	
	Tetrachloroethene	mg/kg	0.0058	ND	
	Toluene	mg/kg	0.0012	ND	
	Trans-1,2-Dichloroethene	mg/kg	0.0058	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.0058	ND	
	Trichloroethene	mg/kg	0.0058	ND	
	Vinyl chloride	mg/kg	0.0058	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19621	PG-G-02-112100SO03					
		% Solids SM2540G				
			% Solids	percent		52
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.48	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.27	ND
		Oil & Grease				
			Oil & Grease	mg/kg	130	ND
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0064	ND
			Alpha-BHC	mg/kg	0.0064	ND
			Beta-BHC	mg/kg	0.0064	ND
			Chlordane	mg/kg	0.013	ND
			Delta-BHC	mg/kg	0.0064	ND
			Dieldrin	mg/kg	0.0064	ND
			Endosulfan I	mg/kg	0.0064	ND
			Endosulfan II	mg/kg	0.0064	ND
			Endosulfan Sulfate	mg/kg	0.0064	ND
			Endrin	mg/kg	0.0064	ND
			Endrin Aldehyde	mg/kg	0.0064	ND
			Endrin Ketone	mg/kg	0.0064	ND
			Gamma-BHC	mg/kg	0.0064	ND
			Heptachlor	mg/kg	0.0064	ND
			Heptachlor Epoxide	mg/kg	0.0064	ND
			Methoxychlor	mg/kg	0.0064	ND
			P,P'-DDD	mg/kg	0.0064	ND
			P,P'-DDE	mg/kg	0.0064	ND
			P,P'-DDT	mg/kg	0.0064	ND
			Toxaphene	mg/kg	0.064	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.032	ND
			Aroclor-1221	mg/kg	0.032	ND
			Aroclor-1232	mg/kg	0.032	ND
			Aroclor-1242	mg/kg	0.032	ND
			Aroclor-1248	mg/kg	0.032	ND
			Aroclor-1254	mg/kg	0.032	ND
			Aroclor-1260	mg/kg	0.032	ND
		pH 9045C				
			pH	units		7.9
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	2.4	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (8270)					
	1,2,4-Trichlorobenzene	mg/kg	0.32	ND	
	1,2-Dichlorobenzene	mg/kg	0.32	ND	
	1,2-Diphenylhydrazine	mg/kg	0.064	ND	
	1,3-Dichlorobenzene	mg/kg	0.32	ND	
	1,4-Dichlorobenzene	mg/kg	0.32	ND	
	2,4,6-Trichlorophenol	mg/kg	0.32	ND	
	2,4-Dichlorophenol	mg/kg	0.32	ND	
	2,4-Dimethylphenol	mg/kg	0.32	ND	
	2,4-Dinitrophenol	mg/kg	0.64	ND	
	2,4-Dinitrotoluene	mg/kg	0.32	ND	
	2,6-Dinitrotoluene	mg/kg	0.32	ND	
	2-Chloronaphthalene	mg/kg	0.32	ND	
	2-Chlorophenol	mg/kg	0.32	ND	
	2-Nitrophenol	mg/kg	0.32	ND	
	3,3'-Dichlorobenzidine	mg/kg	0.32	ND	
	4,6-Dinitro-2-methylphenol	mg/kg	0.32	ND	
	4-Bromophenyl-phenylether	mg/kg	0.32	ND	
	4-Chloro-3-methylphenol	mg/kg	0.32	ND	
	4-Chlorophenyl-phenylether	mg/kg	0.32	ND	
	4-Nitrophenol	mg/kg	0.32	ND	
	Acenaphthene	mg/kg	0.32	ND	
	Acenaphthylene	mg/kg	0.32	ND	
	Anthracene	mg/kg	0.32	ND	
	Benzidine	mg/kg	0.64	ND	
	Benzo[a]anthracene	mg/kg	0.32	ND	
	Benzo[a]pyrene	mg/kg	0.32	ND	
	Benzo[b]fluoranthene	mg/kg	0.32	ND	
	Benzo[g,h,i]perylene	mg/kg	0.32	ND	
	Benzo[k]fluoranthene	mg/kg	0.32	ND	
	Bis(2-Chloroethoxy)methane	mg/kg	0.32	ND	
	Bis(2-Chloroethyl)Ether	mg/kg	0.32	ND	
	Bis(2-Chloroisopropyl)ether	mg/kg	0.32	ND	
	Bis(2-Ethylhexyl)phthalate	mg/kg	0.32	0.31JB U	
	Butylbenzylphthalate	mg/kg	0.32	ND	
	Chrysene	mg/kg	0.32	ND	
	Di-n-butylphthalate	mg/kg	0.32	ND	
	Di-n-octylphthalate	mg/kg	0.32	ND	
	Dibenzo[a,h]Anthracene	mg/kg	0.32	ND	
	Diethylphthalate	mg/kg	0.32	ND	
	Dimethylphthalate	mg/kg	0.32	ND	
	Fluoranthene	mg/kg	0.32	0.085J	
	Fluorene	mg/kg	0.32	ND	
	Hexachlorobenzene	mg/kg	0.32	ND	
	Hexachlorobutadiene	mg/kg	0.32	ND	
	Hexachlorocyclopentadiene	mg/kg	0.96	ND	
	Hexachloroethane	mg/kg	0.32	ND	
	Indeno[1,2,3-cd]pyrene	mg/kg	0.32	ND	
	Isophorone	mg/kg	0.32	ND	
	N-Nitroso-Di-N-Propylamine	mg/kg	0.32	ND	
	N-Nitrosodimethylamine	mg/kg	0.32	ND	
	N-Nitrosodiphenylamine	mg/kg	0.32	ND	
	Naphthalene	mg/kg	0.32	0.11J	
	Nitrobenzene	mg/kg	0.32	ND	
	Pentachlorophenol	mg/kg	0.32	ND	
	Phenanthrene	mg/kg	0.32	0.093J	
	Phenol	mg/kg	0.32	0.065J	
	Pyrene	mg/kg	0.32	0.077J	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	1600	3600	
	Antimony	mg/kg	2.8	ND	
	Arsenic	mg/kg	3.8	29	
	Barium	mg/kg	19	500	
	Beryllium	mg/kg	0.77	1.8	
	Cadmium	mg/kg	0.58	ND	
	Calcium	mg/kg	1900	15000	
	Chromium	mg/kg	7.7	ND	
	Cobalt	mg/kg	3.2	6.7	
	Copper	mg/kg	7.3	210	
	Iron	mg/kg	4500	54000	
	Lead	mg/kg	7.7	140	
	Magnesium	mg/kg	1100	2300	
	Manganese	mg/kg	31	340	
	Nickel	mg/kg	4.7	83	
	Potassium	mg/kg	770	ND	
	Selenium	mg/kg	4.8	4.9	
	Silver	mg/kg	0.96	ND	
	Sodium	mg/kg	770	ND	
	Thallium	mg/kg	2.3	ND	
	Vanadium	mg/kg	19	ND	
	Zinc	mg/kg	19	1100	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	65	ND	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.0096	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.0096	ND	
	1,1,2-Trichloroethane	mg/kg	0.0096	ND	
	1,1-Dichloroethane	mg/kg	0.0096	ND	
	1,1-Dichloroethene	mg/kg	0.0096	ND	
	1,2-Dichloroethane	mg/kg	0.0096	ND	
	1,2-Dichloropropane	mg/kg	0.0096	ND	
	2-Chloroethylvinylether	mg/kg	0.0096	ND	
	Acrolein	mg/kg	0.029	ND	
	Acrylonitrile	mg/kg	0.013	ND	
	Benzene	mg/kg	0.0019	ND	
	Bromodichloromethane	mg/kg	0.0096	ND	
	Bromoform	mg/kg	0.0096	ND	
	Bromomethane	mg/kg	0.0096	ND	
	Carbon tetrachloride	mg/kg	0.0096	ND	
	Chlorobenzene	mg/kg	0.0096	ND	
	Chloroethane	mg/kg	0.0096	ND	
	Chloroform	mg/kg	0.0096	ND	
	Chloromethane	mg/kg	0.0096	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.0096	ND	
	Dibromochloromethane	mg/kg	0.0096	ND	
	Ethylbenzene	mg/kg	0.0019	ND	
	M&p-Xylenes	mg/kg	0.0038	ND	
	Methylene chloride	mg/kg	0.0096	0.0048JB U	
	O-Xylene	mg/kg	0.0019	ND	
	Tetrachloroethene	mg/kg	0.0096	ND	
	Toluene	mg/kg	0.0019	ND	
	Trans-1,2-Dichloroethene	mg/kg	0.0096	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.0096	ND	
	Trichloroethene	mg/kg	0.0096	ND	
	Vinyl chloride	mg/kg	0.0096	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
AB19622	PG-G-02-112100SO04				
	% Solids SM2540G				
		% Solids	percent		81
	Cyanide (soil/waste)				
		Cyanide	mg/kg	0.31	ND
	Mercury (soil/waste) 7471A				
		Mercury	mg/kg	0.18	ND
	Oil & Grease				
		Oil & Grease	mg/kg	82	ND
	Organochlorine Pesticides 8081				
		Aldrin	mg/kg	0.0041	ND
		Alpha-BHC	mg/kg	0.0041	ND
		Beta-BHC	mg/kg	0.0041	ND
		Chlordane	mg/kg	0.0082	ND
		Delta-BHC	mg/kg	0.0041	ND
		Dieldrin	mg/kg	0.0041	ND
		Endosulfan I	mg/kg	0.0041	ND
		Endosulfan II	mg/kg	0.0041	ND
		Endosulfan Sulfate	mg/kg	0.0041	ND
		Endrin	mg/kg	0.0041	ND
		Endrin Aldehyde	mg/kg	0.0041	ND
		Endrin Ketone	mg/kg	0.0041	ND
		Gamma-BHC	mg/kg	0.0041	ND
		Heptachlor	mg/kg	0.0041	ND
		Heptachlor Epoxide	mg/kg	0.0041	ND
		Methoxychlor	mg/kg	0.0041	ND
		P,P'-DDD	mg/kg	0.0041	ND
		P,P'-DDE	mg/kg	0.0041	ND
		P,P'-DDT	mg/kg	0.0041	ND
		Toxaphene	mg/kg	0.041	ND
	PCB 8082				
		Aroclor-1016	mg/kg	0.021	ND
		Aroclor-1221	mg/kg	0.021	ND
		Aroclor-1232	mg/kg	0.021	ND
		Aroclor-1242	mg/kg	0.021	ND
		Aroclor-1248	mg/kg	0.021	ND
		Aroclor-1254	mg/kg	0.021	ND
		Aroclor-1260	mg/kg	0.021	ND
	pH 9045C				
		pH	units		7.7
	Phenols (soil/waste) 9065				
		Phenol	mg/kg	1.5	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (8270)				
		1,2,4-Trichlorobenzene	mg/kg	0.21	ND
		1,2-Dichlorobenzene	mg/kg	0.21	ND
		1,2-Diphenylhydrazine	mg/kg	0.041	ND
		1,3-Dichlorobenzene	mg/kg	0.21	ND
		1,4-Dichlorobenzene	mg/kg	0.21	ND
		2,4,6-Trichlorophenol	mg/kg	0.21	ND
		2,4-Dichlorophenol	mg/kg	0.21	ND
		2,4-Dimethylphenol	mg/kg	0.21	ND
		2,4-Dinitrophenol	mg/kg	0.41	ND
		2,4-Dinitrotoluene	mg/kg	0.21	ND
		2,6-Dinitrotoluene	mg/kg	0.21	ND
		2-Chloronaphthalene	mg/kg	0.21	ND
		2-Chlorophenol	mg/kg	0.21	ND
		2-Nitrophenol	mg/kg	0.21	ND
		3,3'-Dichlorobenzidine	mg/kg	0.21	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.21	ND
		4-Bromophenyl-phenylether	mg/kg	0.21	ND
		4-Chloro-3-methylphenol	mg/kg	0.21	ND
		4-Chlorophenyl-phenylether	mg/kg	0.21	ND
		4-Nitrophenol	mg/kg	0.21	ND
		Acenaphthene	mg/kg	0.21	ND
		Acenaphthylene	mg/kg	0.21	ND
		Anthracene	mg/kg	0.21	ND
		Benzidine	mg/kg	0.41	ND
		Benzo[a]anthracene	mg/kg	0.21	ND
		Benzo[a]pyrene	mg/kg	0.21	0.048J
		Benzo[b]fluoranthene	mg/kg	0.21	ND
		Benzo[g,h,i]perylene	mg/kg	0.21	ND
		Benzo[k]fluoranthene	mg/kg	0.21	ND
		Bis(2-Chloroethoxy)methane	mg/kg	0.21	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.21	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.21	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.21	0.14JB U
		Butylbenzylphthalate	mg/kg	0.21	ND
		Chrysene	mg/kg	0.21	ND
		Di-n-butylphthalate	mg/kg	0.21	ND
		Di-n-octylphthalate	mg/kg	0.21	ND
		Dibenzo[a,h]Anthracene	mg/kg	0.21	ND
		Diethylphthalate	mg/kg	0.21	ND
		Dimethylphthalate	mg/kg	0.21	ND
		Fluoranthene	mg/kg	0.21	ND
		Fluorene	mg/kg	0.21	ND
		Hexachlorobenzene	mg/kg	0.21	ND
		Hexachlorobutadiene	mg/kg	0.21	ND
		Hexachlorocyclopentadiene	mg/kg	0.62	ND
		Hexachloroethane	mg/kg	0.21	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.21	ND
		Isophorone	mg/kg	0.21	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.21	ND
		N-Nitrosodimethylamine	mg/kg	0.21	ND
		N-Nitrosodiphenylamine	mg/kg	0.21	ND
		Naphthalene	mg/kg	0.21	ND
		Nitrobenzene	mg/kg	0.21	ND
		Pentachlorophenol	mg/kg	0.21	ND
		Phenanthrene	mg/kg	0.21	ND
		Phenol	mg/kg	0.21	ND
		Pyrene	mg/kg	0.21	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	1000	3600	
	Antimony	mg/kg	1.8	ND	
	Arsenic	mg/kg	2.5	4	
	Barium	mg/kg	12	38	
	Beryllium	mg/kg	0.49	ND	
	Cadmium	mg/kg	0.37	ND	
	Calcium	mg/kg	1200	ND	
	Chromium	mg/kg	4.9	6.5	
	Cobalt	mg/kg	2	ND	
	Copper	mg/kg	4.7	12	
	Iron	mg/kg	2900	11000	
	Lead	mg/kg	4.9	5.8	
	Magnesium	mg/kg	730	ND	
	Manganese	mg/kg	20	36	
	Nickel	mg/kg	3	3.3	
	Potassium	mg/kg	490	ND	
	Selenium	mg/kg	3.1	ND	
	Silver	mg/kg	0.62	ND	
	Sodium	mg/kg	490	ND	
	Thallium	mg/kg	1.5	ND	
	Vanadium	mg/kg	12	14	
	Zinc	mg/kg	12	23	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	42	ND	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.0062	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.0062	ND	
	1,1,2-Trichloroethane	mg/kg	0.0062	ND	
	1,1-Dichloroethane	mg/kg	0.0062	ND	
	1,1-Dichloroethene	mg/kg	0.0062	ND	
	1,2-Dichloroethane	mg/kg	0.0062	ND	
	1,2-Dichloropropane	mg/kg	0.0062	ND	
	2-Chloroethylvinylether	mg/kg	0.0062	ND	
	Acrolein	mg/kg	0.019	ND	
	Acrylonitrile	mg/kg	0.0086	ND	
	Benzene	mg/kg	0.0012	ND	
	Bromodichloromethane	mg/kg	0.0062	ND	
	Bromoform	mg/kg	0.0062	ND	
	Bromomethane	mg/kg	0.0062	ND	
	Carbon tetrachloride	mg/kg	0.0062	ND	
	Chlorobenzene	mg/kg	0.0062	ND	
	Chloroethane	mg/kg	0.0062	ND	
	Chloroform	mg/kg	0.0062	ND	
	Chloromethane	mg/kg	0.0062	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.0062	ND	
	Dibromochloromethane	mg/kg	0.0062	ND	
	Ethylbenzene	mg/kg	0.0012	ND	
	M&p-Xylenes	mg/kg	0.0025	ND	
	Methylene chloride	mg/kg	0.0062	0.0040JB U	
	O-Xylene	mg/kg	0.0012	ND	
	Tetrachloroethene	mg/kg	0.0062	ND	
	Toluene	mg/kg	0.0012	ND	
	Trans-1,2-Dichloroethene	mg/kg	0.0062	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.0062	ND	
	Trichloroethene	mg/kg	0.0062	ND	
	Vinyl chloride	mg/kg	0.0062	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB19623	PG-G-7N-112100SO05					
		% Solids SM2540G				
			% Solids	percent		87
		Cyanide (soil/waste)				
			Cyanide	mg/kg	0.29	ND
		Mercury (soil/waste) 7471A				
			Mercury	mg/kg	0.16	ND
		Oil & Grease				
			Oil & Grease	mg/kg	77	460
		Organochlorine Pesticides 8081				
			Aldrin	mg/kg	0.0038	ND
			Alpha-BHC	mg/kg	0.0038	ND
			Beta-BHC	mg/kg	0.0038	ND
			Chlordane	mg/kg	0.0077	ND
			Delta-BHC	mg/kg	0.0038	ND
			Dieldrin	mg/kg	0.0038	ND
			Endosulfan I	mg/kg	0.0038	ND
			Endosulfan II	mg/kg	0.0038	ND
			Endosulfan Sulfate	mg/kg	0.0038	ND
			Endrin	mg/kg	0.0038	ND
			Endrin Aldehyde	mg/kg	0.0038	ND
			Endrin Ketone	mg/kg	0.0038	ND
			Gamma-BHC	mg/kg	0.0038	ND
			Heptachlor	mg/kg	0.0038	ND
			Heptachlor Epoxide	mg/kg	0.0038	ND
			Methoxychlor	mg/kg	0.0038	ND
			P,P'-DDD	mg/kg	0.0038	.0093
			P,P'-DDE	mg/kg	0.0038	.039
			P,P'-DDT	mg/kg	0.0038	ND
			Toxaphene	mg/kg	0.038	ND
		PCB 8082				
			Aroclor-1016	mg/kg	0.019	ND
			Aroclor-1221	mg/kg	0.019	ND
			Aroclor-1232	mg/kg	0.019	ND
			Aroclor-1242	mg/kg	0.019	ND
			Aroclor-1248	mg/kg	0.019	ND
			Aroclor-1254	mg/kg	0.019	ND
			Aroclor-1260	mg/kg	0.019	ND
		pH 9045C				
			pH	units		8.6
		Phenols (soil/waste) 9065				
			Phenol	mg/kg	1.4	6.5

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
Semivolatile Organics + 25 (8270)					
		1,2,4-Trichlorobenzene	mg/kg	0.19	ND
		1,2-Dichlorobenzene	mg/kg	0.19	ND
		1,2-Diphenylhydrazine	mg/kg	0.038	ND
		1,3-Dichlorobenzene	mg/kg	0.19	ND
		1,4-Dichlorobenzene	mg/kg	0.19	ND
		2,4,6-Trichlorophenol	mg/kg	0.19	ND
		2,4-Dichlorophenol	mg/kg	0.19	ND
		2,4-Dimethylphenol	mg/kg	0.19	ND
		2,4-Dinitrophenol	mg/kg	0.38	ND
		2,4-Dinitrotoluene	mg/kg	0.19	ND
		2,6-Dinitrotoluene	mg/kg	0.19	ND
		2-Chloronaphthalene	mg/kg	0.19	ND
		2-Chlorophenol	mg/kg	0.19	ND
		2-Nitrophenol	mg/kg	0.19	ND
		3,3'-Dichlorobenzidine	mg/kg	0.19	ND
		4,6-Dinitro-2-methylphenol	mg/kg	0.19	ND
		4-Bromophenyl-phenylether	mg/kg	0.19	ND
		4-Chloro-3-methylphenol	mg/kg	0.19	ND
		4-Chlorophenyl-phenylether	mg/kg	0.19	ND
		4-Nitrophenol	mg/kg	0.19	ND
		Acenaphthene	mg/kg	0.19	ND
		Acenaphthylene	mg/kg	0.19	ND
		Anthracene	mg/kg	0.19	ND
		Benzidine	mg/kg	0.38	ND
		Benzo[a]anthracene	mg/kg	0.19	ND
		Benzo[a]pyrene	mg/kg	0.19	ND
		Benzo[b]fluoranthene	mg/kg	0.19	ND
		Benzo[g,h,i]perylene	mg/kg	0.19	ND
		Benzo[k]fluoranthene	mg/kg	0.19	ND
		Bis(2-Chloroethoxy)methane	mg/kg	0.19	ND
		Bis(2-Chloroethyl)Ether	mg/kg	0.19	ND
		Bis(2-Chloroisopropyl)ether	mg/kg	0.19	ND
		Bis(2-Ethylhexyl)phthalate	mg/kg	0.19	0.12JB U
		Butylbenzylphthalate	mg/kg	0.19	ND
		Chrysene	mg/kg	0.19	ND
		Di-n-butylphthalate	mg/kg	0.19	0.064JB U
		Di-n-octylphthalate	mg/kg	0.19	ND
		Dibenzo[a,h]Anthracene	mg/kg	0.19	ND
		Diethylphthalate	mg/kg	0.19	ND
		Dimethylphthalate	mg/kg	0.19	ND
		Fluoranthene	mg/kg	0.19	ND
		Fluorene	mg/kg	0.19	ND
		Hexachlorobenzene	mg/kg	0.19	ND
		Hexachlorobutadiene	mg/kg	0.19	ND
		Hexachlorocyclopentadiene	mg/kg	0.57	ND
		Hexachloroethane	mg/kg	0.19	ND
		Indeno[1,2,3-cd]pyrene	mg/kg	0.19	ND
		Isophorone	mg/kg	0.19	ND
		N-Nitroso-Di-N-Propylamine	mg/kg	0.19	ND
		N-Nitrosodimethylamine	mg/kg	0.19	ND
		N-Nitrosodiphenylamine	mg/kg	0.19	ND
		Naphthalene	mg/kg	0.19	ND
		Nitrobenzene	mg/kg	0.19	ND
		Pentachlorophenol	mg/kg	0.19	ND
		Phenanthrene	mg/kg	0.19	ND
		Phenol	mg/kg	0.19	ND
		Pyrene	mg/kg	0.19	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
TAL Metals 6010					
	Aluminum	mg/kg	970	1500	
	Antimony	mg/kg	1.7	ND	
	Arsenic	mg/kg	2.3	ND	
	Barium	mg/kg	11	45	
	Beryllium	mg/kg	0.46	ND	
	Cadmium	mg/kg	0.34	ND	
	Calcium	mg/kg	1100	14000	
	Chromium	mg/kg	4.6	7.8	
	Cobalt	mg/kg	1.9	ND	
	Copper	mg/kg	4.4	16	
	Iron	mg/kg	2700	13000	
	Lead	mg/kg	4.6	72	
	Magnesium	mg/kg	680	1800	
	Manganese	mg/kg	19	93	
	Nickel	mg/kg	2.8	12	
	Potassium	mg/kg	460	ND	
	Selenium	mg/kg	2.9	ND	
	Silver	mg/kg	0.57	ND	
	Sodium	mg/kg	460	ND	
	Thallium	mg/kg	1.4	ND	
	Vanadium	mg/kg	11	ND	
	Zinc	mg/kg	11	52	
Total Petroleum Hydrocarbons (Soil)					
	Total Petroleum Hydrocarbons (Soil)	mg/kg	39	410	
Volatile Organics + 15 (8260)					
	1,1,1-Trichloroethane	mg/kg	0.0057	ND	
	1,1,2,2-Tetrachloroethane	mg/kg	0.0057	ND	
	1,1,2-Trichloroethane	mg/kg	0.0057	ND	
	1,1-Dichloroethane	mg/kg	0.0057	ND	
	1,1-Dichloroethene	mg/kg	0.0057	ND	
	1,2-Dichloroethane	mg/kg	0.0057	ND	
	1,2-Dichloropropane	mg/kg	0.0057	ND	
	2-Chloroethylvinylether	mg/kg	0.0057	ND	
	Acrolein	mg/kg	0.017	ND	
	Acrylonitrile	mg/kg	0.0080	ND	
	Benzene	mg/kg	0.0011	ND	
	Bromodichloromethane	mg/kg	0.0057	ND	
	Bromoform	mg/kg	0.0057	ND	
	Bromomethane	mg/kg	0.0057	ND	
	Carbon tetrachloride	mg/kg	0.0057	ND	
	Chlorobenzene	mg/kg	0.0057	ND	
	Chloroethane	mg/kg	0.0057	ND	
	Chloroform	mg/kg	0.0057	ND	
	Chloromethane	mg/kg	0.0057	ND	
	Cis-1,3-Dichloropropene	mg/kg	0.0057	ND	
	Dibromochloromethane	mg/kg	0.0057	ND	
	Ethylbenzene	mg/kg	0.0011	ND	
	M&p-Xylenes	mg/kg	0.0023	ND	
	Methylene chloride	mg/kg	0.0057	0.0067B U	
	O-Xylene	mg/kg	0.0011	ND	
	Tetrachloroethene	mg/kg	0.0057	ND	
	Toluene	mg/kg	0.0011	ND	
	Trans-1,2-Dichloroethene	mg/kg	0.0057	ND	
	Trans-1,3-Dichloropropene	mg/kg	0.0057	ND	
	Trichloroethene	mg/kg	0.0057	ND	
	Vinyl chloride	mg/kg	0.0057	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
AB19624	PG-G-7N-112100SO06				
	% Solids SM2540G				
		% Solids	percent		81
	Cyanide (soil/waste)				
		Cyanide	mg/kg	0.31	ND
	Mercury (soil/waste) 7471A				
		Mercury	mg/kg	0.18	ND
	Oil & Grease				
		Oil & Grease	mg/kg	82	ND
	Organochlorine Pesticides 8081				
		Aldrin	mg/kg	0.0041	ND
		Alpha-BHC	mg/kg	0.0041	ND
		Beta-BHC	mg/kg	0.0041	ND
		Chlordane	mg/kg	0.0082	ND
		Delta-BHC	mg/kg	0.0041	ND
		Dieldrin	mg/kg	0.0041	ND
		Endosulfan I	mg/kg	0.0041	ND
		Endosulfan II	mg/kg	0.0041	ND
		Endosulfan Sulfate	mg/kg	0.0041	ND
		Endrin	mg/kg	0.0041	ND
		Endrin Aldehyde	mg/kg	0.0041	ND
		Endrin Ketone	mg/kg	0.0041	ND
		Gamma-BHC	mg/kg	0.0041	ND
		Heptachlor	mg/kg	0.0041	ND
		Heptachlor Epoxide	mg/kg	0.0041	ND
		Methoxychlor	mg/kg	0.0041	ND
		P,P'-DDD	mg/kg	0.0041	ND
		P,P'-DDE	mg/kg	0.0041	ND
		P,P'-DDT	mg/kg	0.0041	ND
		Toxaphene	mg/kg	0.041	ND
	PCB 8082				
		Aroclor-1016	mg/kg	0.021	ND
		Aroclor-1221	mg/kg	0.021	ND
		Aroclor-1232	mg/kg	0.021	ND
		Aroclor-1242	mg/kg	0.021	ND
		Aroclor-1248	mg/kg	0.021	ND
		Aroclor-1254	mg/kg	0.021	ND
		Aroclor-1260	mg/kg	0.021	ND
	pH 9045C				
		pH	units		8.0
	Phenols (soil/waste) 9065				
		Phenol	mg/kg	1.5	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (8270)					
	1,2,4-Trichlorobenzene	mg/kg	0.21	ND	
	1,2-Dichlorobenzene	mg/kg	0.21	ND	
	1,2-Diphenylhydrazine	mg/kg	0.041	ND	
	1,3-Dichlorobenzene	mg/kg	0.21	ND	
	1,4-Dichlorobenzene	mg/kg	0.21	ND	
	2,4,6-Trichlorophenol	mg/kg	0.21	ND	
	2,4-Dichlorophenol	mg/kg	0.21	ND	
	2,4-Dimethylphenol	mg/kg	0.21	ND	
	2,4-Dinitrophenol	mg/kg	0.41	ND	
	2,4-Dinitrotoluene	mg/kg	0.21	ND	
	2,6-Dinitrotoluene	mg/kg	0.21	ND	
	2-Chloronaphthalene	mg/kg	0.21	ND	
	2-Chlorophenol	mg/kg	0.21	ND	
	2-Nitrophenol	mg/kg	0.21	ND	
	3,3'-Dichlorobenzidine	mg/kg	0.21	ND	
	4,6-Dinitro-2-methylphenol	mg/kg	0.21	ND	
	4-Bromophenyl-phenylether	mg/kg	0.21	ND	
	4-Chloro-3-methylphenol	mg/kg	0.21	ND	
	4-Chlorophenyl-phenylether	mg/kg	0.21	ND	
	4-Nitrophenol	mg/kg	0.21	ND	
	Acenaphthene	mg/kg	0.21	ND	
	Acenaphthylene	mg/kg	0.21	ND	
	Anthracene	mg/kg	0.21	ND	
	Benzidine	mg/kg	0.41	ND	
	Benzo[a]anthracene	mg/kg	0.21	ND	
	Benzo[a]pyrene	mg/kg	0.21	ND	
	Benzo[b]fluoranthene	mg/kg	0.21	ND	
	Benzo[g,h,i]perylene	mg/kg	0.21	ND	
	Benzo[k]fluoranthene	mg/kg	0.21	ND	
	Bis(2-Chloroethoxy)methane	mg/kg	0.21	ND	
	Bis(2-Chloroethyl)Ether	mg/kg	0.21	ND	
	Bis(2-Chloroisopropyl)ether	mg/kg	0.21	ND	
	Bis(2-Ethylhexyl)phthalate	mg/kg	0.21	0.37B U	
	Butylbenzylphthalate	mg/kg	0.21	ND	
	Chrysene	mg/kg	0.21	ND	
	Di-n-butylphthalate	mg/kg	0.21	0.071JB U	
	Di-n-octylphthalate	mg/kg	0.21	ND	
	Dibenzo[a,h]Anthracene	mg/kg	0.21	ND	
	Diethylphthalate	mg/kg	0.21	ND	
	Dimethylphthalate	mg/kg	0.21	ND	
	Fluoranthene	mg/kg	0.21	ND	
	Fluorene	mg/kg	0.21	ND	
	Hexachlorobenzene	mg/kg	0.21	ND	
	Hexachlorobutadiene	mg/kg	0.21	ND	
	Hexachlorocyclopentadiene	mg/kg	0.62	ND	
	Hexachloroethane	mg/kg	0.21	ND	
	Indeno[1,2,3-cd]pyrene	mg/kg	0.21	ND	
	Isophorone	mg/kg	0.21	ND	
	N-Nitroso-Di-N-Propylamine	mg/kg	0.21	ND	
	N-Nitrosodimethylamine	mg/kg	0.21	ND	
	N-Nitrosodiphenylamine	mg/kg	0.21	ND	
	Naphthalene	mg/kg	0.21	ND	
	Nitrobenzene	mg/kg	0.21	ND	
	Pentachlorophenol	mg/kg	0.21	ND	
	Phenanthrene	mg/kg	0.21	ND	
	Phenol	mg/kg	0.21	ND	
	Pyrene	mg/kg	0.21	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 6010				
		Aluminum	mg/kg	1000	2400
		Antimony	mg/kg	1.8	ND
		Arsenic	mg/kg	2.5	3.3
		Barium	mg/kg	12	22
		Beryllium	mg/kg	0.49	ND
		Cadmium	mg/kg	0.37	ND
		Calcium	mg/kg	1200	ND
		Chromium	mg/kg	4.9	5.5
		Cobalt	mg/kg	2	3.2
		Copper	mg/kg	4.7	9
		Iron	mg/kg	2900	7000
		Lead	mg/kg	4.9	7.7
		Magnesium	mg/kg	730	ND
		Manganese	mg/kg	20	33
		Nickel	mg/kg	3	3.6
		Potassium	mg/kg	490	ND
		Selenium	mg/kg	3.1	ND
		Silver	mg/kg	0.62	ND
		Sodium	mg/kg	490	ND
		Thallium	mg/kg	1.5	ND
		Vanadium	mg/kg	12	ND
		Zinc	mg/kg	12	67
	Total Petroleum Hydrocarbons (Soil)				
		Total Petroleum Hydrocarbons (Soil)	mg/kg	42	62
	Volatile Organics + 15 (8260)				
		1,1,1-Trichloroethane	mg/kg	0.0062	ND
		1,1,2,2-Tetrachloroethane	mg/kg	0.0062	ND
		1,1,2-Trichloroethane	mg/kg	0.0062	ND
		1,1-Dichloroethane	mg/kg	0.0062	ND
		1,1-Dichloroethene	mg/kg	0.0062	ND
		1,2-Dichloroethane	mg/kg	0.0062	ND
		1,2-Dichloropropane	mg/kg	0.0062	ND
		2-Chloroethylvinylether	mg/kg	0.0062	ND
		Acrolein	mg/kg	0.019	ND
		Acrylonitrile	mg/kg	0.0086	ND
		Benzene	mg/kg	0.0012	ND
		Bromodichloromethane	mg/kg	0.0062	ND
		Bromoform	mg/kg	0.0062	ND
		Bromomethane	mg/kg	0.0062	ND
		Carbon tetrachloride	mg/kg	0.0062	ND
		Chlorobenzene	mg/kg	0.0062	ND
		Chloroethane	mg/kg	0.0062	ND
		Chloroform	mg/kg	0.0062	ND
		Chloromethane	mg/kg	0.0062	ND
		Cis-1,3-Dichloropropene	mg/kg	0.0062	ND
		Dibromochloromethane	mg/kg	0.0062	ND
		Ethylbenzene	mg/kg	0.0012	ND
		M&p-Xylenes	mg/kg	0.0025	ND
		Methylene chloride	mg/kg	0.0062	0.0028JB U
		O-Xylene	mg/kg	0.0012	ND
		Tetrachloroethene	mg/kg	0.0062	ND
		Toluene	mg/kg	0.0012	ND
		Trans-1,2-Dichloroethene	mg/kg	0.0062	ND
		Trans-1,3-Dichloropropene	mg/kg	0.0062	ND
		Trichloroethene	mg/kg	0.0062	ND
		Vinyl chloride	mg/kg	0.0062	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

To: PORT AUTHORITY OF NY & NJ
MATERIALS ENGINEERING DIV.
241 ERIE ST.
ROOM 234
JERSEY CITY NJ 07310-1397

Attention: Dorian Bailey
Project: HH-Port Ivory

Date Collected: 11/29/00
Date Submitted: 12/1/00
Date Reported: 1/2/01

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB20012	PG-PAMW01D112900WG01					
		Cyanide (water) EPA 335.2				
			Cyanide	mg/l	0.01	0.016
		Mercury (water) 245.1				
			Mercury	ug/l	0.21	ND
		Oil & Grease				
			Oil & Grease	mg/l	1	15
		Organochlorine Pesticides 608				
			Aldrin	ug/l	0.02	ND
			Alpha-BHC	ug/l	0.02	ND
			Beta-BHC	ug/l	0.02	ND
			Chlordane	ug/l	0.2	ND
			Delta-BHC	ug/l	0.02	ND
			Dieldrin	ug/l	0.02	ND
			Endosulfan I	ug/l	0.02	ND
			Endosulfan II	ug/l	0.02	ND
			Endosulfan Sulfate	ug/l	0.02	ND
			Endrin	ug/l	0.02	ND
			Endrin Aldehyde	ug/l	0.02	ND
			Endrin Ketone	ug/l	0.02	ND
			Gamma-BHC	ug/l	0.02	ND
			Heptachlor	ug/l	0.02	ND
			Heptachlor Epoxide	ug/l	0.02	ND
			Methoxychlor	ug/l	0.02	ND
			P,P'-DDD	ug/l	0.02	ND
			P,P'-DDE	ug/l	0.02	ND
			P,P'-DDT	ug/l	0.02	ND
			Toxaphene	ug/l	1	ND
		PCB 608				
			Aroclor-1016	ug/l	0.5	ND
			Aroclor-1221	ug/l	0.5	ND
			Aroclor-1232	ug/l	0.5	ND
			Aroclor-1242	ug/l	0.5	ND
			Aroclor-1248	ug/l	0.5	ND
			Aroclor-1254	ug/l	0.5	ND
			Aroclor-1260	ug/l	0.5	ND
		Phenols (water) 420.1				
			Phenol	mg/l	0.05	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (625)				
		1,2,4-Trichlorobenzene	ug/l	0.27	ND
		1,2-Dichlorobenzene	ug/l	0.26	ND
		1,2-Diphenylhydrazine	ug/l	0.24	ND
		1,3-Dichlorobenzene	ug/l	0.27	ND
		1,4-Dichlorobenzene	ug/l	0.20	ND
		2,4,6-Trichlorophenol	ug/l	2.1	ND
		2,4-Dichlorophenol	ug/l	2.0	ND
		2,4-Dimethylphenol	ug/l	1.4	ND
		2,4-Dinitrophenol	ug/l	0.47	ND
		2,4-Dinitrotoluene	ug/l	0.16	ND
		2,6-Dinitrotoluene	ug/l	0.27	ND
		2-Chloronaphthalene	ug/l	0.22	ND
		2-Chlorophenol	ug/l	1.4	ND
		2-Nitrophenol	ug/l	2.1	ND
		3,3'-Dichlorobenzidine	ug/l	2.7	ND
		4,6-Dinitro-2-methylphenol	ug/l	1.2	ND
		4-Bromophenyl-phenylether	ug/l	0.23	ND
		4-Chloro-3-methylphenol	ug/l	1.9	ND
		4-Chlorophenyl-phenylether	ug/l	0.32	ND
		4-Nitrophenol	ug/l	1.6	ND
		Acenaphthene	ug/l	0.31	ND
		Acenaphthylene	ug/l	0.26	ND
		Anthracene	ug/l	0.25	ND
		Benzidine	ug/l	3.4	ND
		Benzo[a]anthracene	ug/l	0.20	ND
		Benzo[a]pyrene	ug/l	0.24	ND
		Benzo[b]fluoranthene	ug/l	0.49	ND
		Benzo[g,h,i]perylene	ug/l	0.36	ND
		Benzo[k]fluoranthene	ug/l	0.50	ND
		Bis(2-Chloroethoxy)methane	ug/l	0.21	ND
		Bis(2-Chloroethyl)Ether	ug/l	0.15	ND
		Bis(2-Chloroisopropyl)ether	ug/l	0.14	ND
		Bis(2-Ethylhexyl)phthalate	ug/l	0.37	8.2
		Butylbenzylphthalate	ug/l	0.29	ND
		Chrysene	ug/l	0.30	ND
		Di-n-butylphthalate	ug/l	0.26	ND
		DI-n-octylphthalate	ug/l	0.80	ND
		Dibenzo[a,h]Anthracene	ug/l	0.34	ND
		Diethylphthalate	ug/l	0.31	ND
		Dimethylphthalate	ug/l	0.24	ND
		Fluoranthene	ug/l	0.29	ND
		Fluorene	ug/l	0.28	ND
		Hexachlorobenzene	ug/l	0.28	ND
		Hexachlorobutadiene	ug/l	0.25	ND
		Hexachlorocyclopentadiene	ug/l	2.5	ND
		Hexachloroethane	ug/l	0.26	ND
		Indeno[1,2,3-cd]pyrene	ug/l	0.34	ND
		Isophorone	ug/l	0.21	ND
		N-Nitroso-Di-N-Propylamine	ug/l	0.22	ND
		N-Nitrosodimethylamine	ug/l	0.28	ND
		N-Nitrosodiphenylamine	ug/l	0.32	ND
		Naphthalene	ug/l	0.36	ND
		Nitrobenzene	ug/l	0.23	ND
		Pentachlorophenol	ug/l	2.0	ND
		Phenanthrene	ug/l	0.27	ND
		Phenol	ug/l	1.2	ND
		Pyrene	ug/l	0.27	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals (Water) 200.7				
		Aluminum	ug/l	58	ND
		Antimony	ug/l	3.3	ND
		Arsenic	ug/l	3.6	13
		Barium	ug/l	23	62
		Beryllium	ug/l	2.5	ND
		Cadmium	ug/l	1.4	ND
		Calcium	ug/l	380	36000
		Chromium	ug/l	16	ND
		Cobalt	ug/l	4.6	ND
		Copper	ug/l	20	ND
		Iron	ug/l	88	5100
		Lead	ug/l	3.4	ND
		Magnesium	ug/l	260	79000
		Manganese	ug/l	12	90
		Nickel	ug/l	15	ND
		Potassium	ug/l	3500	39000
		Selenium	ug/l	20	ND
		Silver	ug/l	5.2	ND
		Sodium	ug/l	30000	840000
		Thallium	ug/l	3.1	ND
		Vanadium	ug/l	4.3	12
		Zinc	ug/l	20	ND
	Total Petroleum Hydrocarbons (Water)				
		Total Petroleum Hydrocarbons	mg/l	1.0	ND
	Volatile Organics + 15 (624)				
		1,1,1-Trichloroethane	ug/l	0.44	ND
		1,1,2,2-Tetrachloroethane	ug/l	0.42	ND
		1,1,2-Trichloroethane	ug/l	0.50	ND
		1,1-Dichloroethane	ug/l	0.35	ND
		1,1-Dichloroethene	ug/l	0.41	ND
		1,2-Dichloroethane	ug/l	0.44	ND
		1,2-Dichloropropane	ug/l	0.44	ND
		2-Chloroethylvinylether	ug/l	1.1	ND
		Acrolein	ug/l	3.0	ND
		Acrylonitrile	ug/l	6.6	ND
		Benzene	ug/l	0.32	ND
		Bromodichloromethane	ug/l	0.30	ND
		Bromoform	ug/l	0.32	ND
		Bromomethane	ug/l	0.55	ND
		Carbon tetrachloride	ug/l	0.23	ND
		Chlorobenzene	ug/l	0.25	ND
		Chloroethane	ug/l	0.52	ND
		Chloroform	ug/l	0.45	ND
		Chloromethane	ug/l	0.32	ND
		Cis-1,3-Dichloropropene	ug/l	0.35	ND
		Dibromochloromethane	ug/l	0.41	ND
		Ethylbenzene	ug/l	0.15	ND
		M&p-Xylenes	ug/l	0.81	ND
		Methylene chloride	ug/l	0.85	ND
		O-Xylene	ug/l	0.36	ND
		Tetrachloroethene	ug/l	0.34	ND
		Toluene	ug/l	0.24	ND
		Trans-1,2-Dichloroethene	ug/l	0.46	ND
		Trans-1,3-Dichloropropene	ug/l	0.24	ND
		Trichloroethene	ug/l	0.37	ND
		Vinyl chloride	ug/l	0.67	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
AB20013	PG-TMW-01-112900WG01				
	Cyanide (water) EPA 335.2				
		Cyanide	mg/l	0.01	0.01
	Mercury (water) 245.1				
		Mercury	ug/l	0.21	ND
	Oil & Grease				
		Oil & Grease	mg/l	1	13
	Organochlorine Pesticides 608				
		Aldrin	ug/l	0.02	ND
		Alpha-BHC	ug/l	0.02	ND
		Beta-BHC	ug/l	0.02	ND
		Chlordane	ug/l	0.2	ND
		Delta-BHC	ug/l	0.02	ND
		Dieldrin	ug/l	0.02	ND
		Endosulfan I	ug/l	0.02	ND
		Endosulfan II	ug/l	0.02	ND
		Endosulfan Sulfate	ug/l	0.02	ND
		Endrin	ug/l	0.02	ND
		Endrin Aldehyde	ug/l	0.02	ND
		Endrin Ketone	ug/l	0.02	ND
		Gamma-BHC	ug/l	0.02	ND
		Heptachlor	ug/l	0.02	ND
		Heptachlor Epoxide	ug/l	0.02	ND
		Methoxychlor	ug/l	0.02	ND
		P,P'-DDD	ug/l	0.02	ND
		P,P'-DDE	ug/l	0.02	ND
		P,P'-DDT	ug/l	0.02	ND
		Toxaphene	ug/l	1	ND
	PCB 608				
		Aroclor-1016	ug/l	0.5	ND
		Aroclor-1221	ug/l	0.5	ND
		Aroclor-1232	ug/l	0.5	ND
		Aroclor-1242	ug/l	0.5	ND
		Aroclor-1248	ug/l	0.5	ND
		Aroclor-1254	ug/l	0.5	ND
		Aroclor-1260	ug/l	0.5	ND
	Phenols (water) 420.1				
		Phenol	mg/l	0.05	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (625)					
	1,2,4-Trichlorobenzene	ug/l	0.27	ND	
	1,2-Dichlorobenzene	ug/l	0.26	ND	
	1,2-Diphenylhydrazine	ug/l	0.24	ND	
	1,3-Dichlorobenzene	ug/l	0.27	ND	
	1,4-Dichlorobenzene	ug/l	0.20	ND	
	2,4,6-Trichlorophenol	ug/l	2.1	ND	
	2,4-Dichlorophenol	ug/l	2.0	ND	
	2,4-Dimethylphenol	ug/l	1.4	ND	
	2,4-Dinitrophenol	ug/l	0.47	ND	
	2,4-Dinitrotoluene	ug/l	0.16	ND	
	2,6-Dinitrotoluene	ug/l	0.27	ND	
	2-Chloronaphthalene	ug/l	0.22	ND	
	2-Chlorophenol	ug/l	1.4	ND	
	2-Nitrophenol	ug/l	2.1	ND	
	3,3'-Dichlorobenzidine	ug/l	2.7	ND	
	4,6-Dinitro-2-methylphenol	ug/l	1.2	ND	
	4-Bromophenyl-phenylether	ug/l	0.23	ND	
	4-Chloro-3-methylphenol	ug/l	1.9	ND	
	4-Chlorophenyl-phenylether	ug/l	0.32	ND	
	4-Nitrophenol	ug/l	1.6	ND	
	Acenaphthene	ug/l	0.31	1.1	
	Acenaphthylene	ug/l	0.26	ND	
	Anthracene	ug/l	0.25	ND	
	Benzidine	ug/l	3.4	ND	
	Benzo[a]anthracene	ug/l	0.20	ND	
	Benzo[a]pyrene	ug/l	0.24	ND	
	Benzo[b]fluoranthene	ug/l	0.49	ND	
	Benzo[g,h,i]perylene	ug/l	0.36	ND	
	Benzo[k]fluoranthene	ug/l	0.50	ND	
	Bis(2-Chloroethoxy)methane	ug/l	0.21	ND	
	Bis(2-Chloroethyl)Ether	ug/l	0.15	ND	
	Bis(2-Chloroisopropyl)ether	ug/l	0.14	ND	
	Bis(2-Ethylhexyl)phthalate	ug/l	0.37	9.2 U	
	Butylbenzylphthalate	ug/l	0.29	ND	
	Chrysene	ug/l	0.30	ND	
	Di-n-butylphthalate	ug/l	0.26	ND	
	Di-n-octylphthalate	ug/l	0.80	ND	
	Dibenzo[a,h]Anthracene	ug/l	0.34	ND	
	Diethylphthalate	ug/l	0.31	ND	
	Dimethylphthalate	ug/l	0.24	ND	
	Fluoranthene	ug/l	0.29	ND	
	Fluorene	ug/l	0.28	ND	
	Hexachlorobenzene	ug/l	0.28	ND	
	Hexachlorobutadiene	ug/l	0.25	ND	
	Hexachlorocyclopentadiene	ug/l	2.5	ND	
	Hexachloroethane	ug/l	0.26	ND	
	Indeno[1,2,3-cd]pyrene	ug/l	0.34	ND	
	Isophorone	ug/l	0.21	ND	
	N-Nitroso-Di-N-Propylamine	ug/l	0.22	ND	
	N-Nitrosodimethylamine	ug/l	0.28	ND	
	N-Nitrosodiphenylamine	ug/l	0.32	ND	
	Naphthalene	ug/l	0.36	ND	
	Nitrobenzene	ug/l	0.23	ND	
	Pentachlorophenol	ug/l	2.0	ND	
	Phenanthrene	ug/l	0.27	ND	
	Phenol	ug/l	1.2	ND	
	Pyrene	ug/l	0.27	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 200.7				
		Aluminum	ug/l	58	1600
		Antimony	ug/l	3.3	ND
		Arsenic	ug/l	3.6	ND
		Barium	ug/l	23	39
		Beryllium	ug/l	2.5	ND
		Cadmium	ug/l	1.4	ND
		Calcium	ug/l	380	36000
		Chromium	ug/l	16	22
		Cobalt	ug/l	4.6	6.3
		Copper	ug/l	20	ND
		Iron	ug/l	88	3100
		Lead	ug/l	3.4	ND
		Magnesium	ug/l	260	8600
		Manganese	ug/l	12	2400
		Nickel	ug/l	15	28
		Potassium	ug/l	700	6300
		Selenium	ug/l	20	ND
		Silver	ug/l	5.2	ND
		Sodium	ug/l	600	22000
		Thallium	ug/l	3.1	ND
		Vanadium	ug/l	4.3	47
		Zinc	ug/l	20	40
	Total Petroleum Hydrocarbons (Water)				
		Total Petroleum Hydrocarbons	mg/l	1.0	ND
	Volatile Organics + 15 (624)				
		1,1,1-Trichloroethane	ug/l	0.44	ND
		1,1,2,2-Tetrachloroethane	ug/l	0.42	ND
		1,1,2-Trichloroethane	ug/l	0.50	ND
		1,1-Dichloroethane	ug/l	0.35	ND
		1,1-Dichloroethene	ug/l	0.41	ND
		1,2-Dichloroethane	ug/l	0.44	ND
		1,2-Dichloropropane	ug/l	0.44	ND
		2-Chloroethylvinylether	ug/l	1.1	ND
		Acrolein	ug/l	3.0	ND
		Acrylonitrile	ug/l	6.6	ND
		Benzene	ug/l	0.32	ND
		Bromodichloromethane	ug/l	0.30	ND
		Bromoform	ug/l	0.32	ND
		Bromomethane	ug/l	0.55	ND
		Carbon tetrachloride	ug/l	0.23	ND
		Chlorobenzene	ug/l	0.25	ND
		Chloroethane	ug/l	0.52	ND
		Chloroform	ug/l	0.45	ND
		Chloromethane	ug/l	0.32	ND
		Cis-1,3-Dichloropropene	ug/l	0.35	ND
		Dibromochloromethane	ug/l	0.41	ND
		Ethylbenzene	ug/l	0.15	ND
		M&p-Xylenes	ug/l	0.81	ND
		Methylene chloride	ug/l	0.85	ND
		O-Xylene	ug/l	0.36	ND
		Tetrachloroethene	ug/l	0.34	ND
		Toluene	ug/l	0.24	ND
		Trans-1,2-Dichloroethene	ug/l	0.46	ND
		Trans-1,3-Dichloropropene	ug/l	0.24	ND
		Trichloroethene	ug/l	0.37	ND
		Vinyl chloride	ug/l	0.67	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
AB20014	PG-PAMW11D112900WG01				
	Cyanide (water) EPA 335.2				
		Cyanide	mg/l	0.01	0.012
	Mercury (water) 245.1				
		Mercury	ug/l	0.21	ND
	Oil & Grease				
		Oil & Grease	mg/l	1	18
	Organochlorine Pesticides 608				
		Aldrin	ug/l	0.02	ND
		Alpha-BHC	ug/l	0.02	ND
		Beta-BHC	ug/l	0.02	ND
		Chlordane	ug/l	0.2	ND
		Delta-BHC	ug/l	0.02	ND
		Dieldrin	ug/l	0.02	ND
		Endosulfan I	ug/l	0.02	ND
		Endosulfan II	ug/l	0.02	ND
		Endosulfan Sulfate	ug/l	0.02	ND
		Endrin	ug/l	0.02	ND
		Endrin Aldehyde	ug/l	0.02	ND
		Endrin Ketone	ug/l	0.02	ND
		Gamma-BHC	ug/l	0.02	ND
		Heptachlor	ug/l	0.02	ND
		Heptachlor Epoxide	ug/l	0.02	ND
		Methoxychlor	ug/l	0.02	ND
		P,P'-DDD	ug/l	0.02	ND
		P,P'-DDE	ug/l	0.02	ND
		P,P'-DDT	ug/l	0.02	ND
		Toxaphene	ug/l	1	ND
	PCB 608				
		Aroclor-1016	ug/l	0.5	ND
		Aroclor-1221	ug/l	0.5	ND
		Aroclor-1232	ug/l	0.5	ND
		Aroclor-1242	ug/l	0.5	ND
		Aroclor-1248	ug/l	0.5	ND
		Aroclor-1254	ug/l	0.5	ND
		Aroclor-1260	ug/l	0.5	ND
	Phenols (water) 420.1				
		Phenol	mg/l	0.05	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
TestGroup	Analyte	Units	MDL/PQL	Result	
Semivolatile Organics + 25 (625)					
	1,2,4-Trichlorobenzene	ug/l	0.27	ND	
	1,2-Dichlorobenzene	ug/l	0.26	ND	
	1,2-Diphenylhydrazine	ug/l	0.24	ND	
	1,3-Dichlorobenzene	ug/l	0.27	ND	
	1,4-Dichlorobenzene	ug/l	0.20	ND	
	2,4,6-Trichlorophenol	ug/l	2.1	ND	
	2,4-Dichlorophenol	ug/l	2.0	ND	
	2,4-Dimethylphenol	ug/l	1.4	ND	
	2,4-Dinitrophenol	ug/l	0.47	ND	
	2,4-Dinitrotoluene	ug/l	0.16	ND	
	2,6-Dinitrotoluene	ug/l	0.27	ND	
	2-Chloronaphthalene	ug/l	0.22	ND	
	2-Chlorophenol	ug/l	1.4	ND	
	2-Nitrophenol	ug/l	2.1	ND	
	3,3'-Dichlorobenzidine	ug/l	2.7	ND	
	4,6-Dinitro-2-methylphenol	ug/l	1.2	ND	
	4-Bromophenyl-phenylether	ug/l	0.23	ND	
	4-Chloro-3-methylphenol	ug/l	1.9	ND	
	4-Chlorophenyl-phenylether	ug/l	0.32	ND	
	4-Nitrophenol	ug/l	1.6	ND	
	Acenaphthene	ug/l	0.31	ND	
	Acenaphthylene	ug/l	0.26	ND	
	Anthracene	ug/l	0.25	ND	
	Benzidine	ug/l	3.4	ND	
	Benzo[a]anthracene	ug/l	0.20	ND	
	Benzo[a]pyrene	ug/l	0.24	ND	
	Benzo[b]fluoranthene	ug/l	0.49	ND	
	Benzo[g,h,i]perylene	ug/l	0.36	ND	
	Benzo[k]fluoranthene	ug/l	0.50	ND	
	Bis(2-Chloroethoxy)methane	ug/l	0.21	ND	
	Bis(2-Chloroethyl)Ether	ug/l	0.15	ND	
	Bis(2-Chloroisopropyl)ether	ug/l	0.14	ND	
	Bis(2-Ethylhexyl)phthalate	ug/l	0.37	9.7 U	
	Butylbenzylphthalate	ug/l	0.29	ND	
	Chrysene	ug/l	0.30	ND	
	Di-n-butylphthalate	ug/l	0.26	ND	
	Di-n-octylphthalate	ug/l	0.80	ND	
	Dibenzo[a,h]Anthracene	ug/l	0.34	ND	
	Diethylphthalate	ug/l	0.31	ND	
	Dimethylphthalate	ug/l	0.24	ND	
	Fluoranthene	ug/l	0.29	ND	
	Fluorene	ug/l	0.28	ND	
	Hexachlorobenzene	ug/l	0.28	ND	
	Hexachlorobutadiene	ug/l	0.25	ND	
	Hexachlorocyclopentadiene	ug/l	2.5	ND	
	Hexachloroethane	ug/l	0.26	ND	
	Indeno[1,2,3-cd]pyrene	ug/l	0.34	ND	
	Isophorone	ug/l	0.21	ND	
	N-Nitroso-Di-N-Propylamine	ug/l	0.22	ND	
	N-Nitrosodimethylamine	ug/l	0.28	ND	
	N-Nitrosodiphenylamine	ug/l	0.32	ND	
	Naphthalene	ug/l	0.36	ND	
	Nitrobenzene	ug/l	0.23	ND	
	Pentachlorophenol	ug/l	2.0	ND	
	Phenanthrene	ug/l	0.27	ND	
	Phenol	ug/l	1.2	ND	
	Pyrene	ug/l	0.27	ND	

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 200.7				
		Aluminum	ug/l	58	82
		Antimony	ug/l	3.3	ND
		Arsenic	ug/l	3.6	ND
		Barium	ug/l	23	150
		Beryllium	ug/l	2.5	ND
		Cadmium	ug/l	1.4	ND
		Calcium	ug/l	380	64000
		Chromium	ug/l	16	ND
		Cobalt	ug/l	4.6	ND
		Copper	ug/l	20	ND
		Iron	ug/l	88	170
		Lead	ug/l	3.4	ND
		Magnesium	ug/l	260	9400
		Manganese	ug/l	12	910
		Nickel	ug/l	15	ND
		Potassium	ug/l	700	880
		Selenium	ug/l	20	ND
		Silver	ug/l	5.2	ND
		Sodium	ug/l	600	27000
		Thallium	ug/l	3.1	ND
		Vanadium	ug/l	4.3	ND
		Zinc	ug/l	20	ND
	Total Petroleum Hydrocarbons (Water)				
		Total Petroleum Hydrocarbons	mg/l	1.0	ND
	Volatile Organics + 15 (624)				
		1,1,1-Trichloroethane	ug/l	0.44	ND
		1,1,2,2-Tetrachloroethane	ug/l	0.42	ND
		1,1,2-Trichloroethane	ug/l	0.50	ND
		1,1-Dichloroethane	ug/l	0.35	ND
		1,1-Dichloroethene	ug/l	0.41	ND
		1,2-Dichloroethane	ug/l	0.44	ND
		1,2-Dichloropropane	ug/l	0.44	ND
		2-Chloroethylvinylether	ug/l	1.1	ND
		Acrolein	ug/l	3.0	ND
		Acrylonitrile	ug/l	6.6	ND
		Benzene	ug/l	0.32	ND
		Bromodichloromethane	ug/l	0.30	ND
		Bromoform	ug/l	0.32	ND
		Bromomethane	ug/l	0.55	ND
		Carbon tetrachloride	ug/l	0.23	ND
		Chlorobenzene	ug/l	0.25	ND
		Chloroethane	ug/l	0.52	ND
		Chloroform	ug/l	0.45	ND
		Chloromethane	ug/l	0.32	ND
		Cis-1,3-Dichloropropene	ug/l	0.35	ND
		Dibromochloromethane	ug/l	0.41	ND
		Ethylbenzene	ug/l	0.15	ND
		M&p-Xylenes	ug/l	0.81	ND
		Methylene chloride	ug/l	0.85	ND
		O-Xylene	ug/l	0.36	ND
		Tetrachloroethene	ug/l	0.34	ND
		Toluene	ug/l	0.24	ND
		Trans-1,2-Dichloroethene	ug/l	0.46	ND
		Trans-1,3-Dichloropropene	ug/l	0.24	ND
		Trichloroethene	ug/l	0.37	ND
		Vinyl chloride	ug/l	0.67	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID	TestGroup	Analyte	Units	MDL/PQL	Result
AB20015	PG-BW-13-112900WG01					
		Cyanide (water) EPA 335.2				
			Cyanide	mg/l	0.01	ND
		Mercury (water) 245.1				
			Mercury	ug/l	0.21	ND
		Oil & Grease				
			Oil & Grease	mg/l	1	80
		Organochlorine Pesticides 608				
			Aldrin	ug/l	0.02	ND
			Alpha-BHC	ug/l	0.02	ND
			Beta-BHC	ug/l	0.02	ND
			Chlordane	ug/l	0.2	ND
			Delta-BHC	ug/l	0.02	ND
			Dieldrin	ug/l	0.02	ND
			Endosulfan I	ug/l	0.02	ND
			Endosulfan II	ug/l	0.02	ND
			Endosulfan Sulfate	ug/l	0.02	ND
			Endrin	ug/l	0.02	ND
			Endrin Aldehyde	ug/l	0.02	ND
			Endrin Ketone	ug/l	0.02	ND
			Gamma-BHC	ug/l	0.02	ND
			Heptachlor	ug/l	0.02	ND
			Heptachlor Epoxide	ug/l	0.02	ND
			Methoxychlor	ug/l	0.02	ND
			P,P'-DDD	ug/l	0.02	ND
			P,P'-DDE	ug/l	0.02	ND
			P,P'-DDT	ug/l	0.02	ND
			Toxaphene	ug/l	1	ND
		PCB 608				
			Aroclor-1016	ug/l	0.5	ND
			Aroclor-1221	ug/l	0.5	ND
			Aroclor-1232	ug/l	0.5	ND
			Aroclor-1242	ug/l	0.5	ND
			Aroclor-1248	ug/l	0.5	ND
			Aroclor-1254	ug/l	0.5	ND
			Aroclor-1260	ug/l	0.5	ND
		Phenols (water) 420.1				
			Phenol	mg/l	0.05	0.098

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	Semivolatile Organics + 25 (625)				
		1,2,4-Trichlorobenzene	ug/l	0.27	ND
		1,2-Dichlorobenzene	ug/l	0.26	ND
		1,2-Diphenylhydrazine	ug/l	0.24	ND
		1,3-Dichlorobenzene	ug/l	0.27	ND
		1,4-Dichlorobenzene	ug/l	0.20	ND
		2,4,6-Trichlorophenol	ug/l	2.1	ND
		2,4-Dichlorophenol	ug/l	2.0	ND
		2,4-Dimethylphenol	ug/l	1.4	ND
		2,4-Dinitrophenol	ug/l	0.47	ND
		2,4-Dinitrotoluene	ug/l	0.16	ND
		2,6-Dinitrotoluene	ug/l	0.27	ND
		2-Chloronaphthalene	ug/l	0.22	ND
		2-Chlorophenol	ug/l	1.4	ND
		2-Nitrophenol	ug/l	2.1	ND
		3,3'-Dichlorobenzidine	ug/l	2.7	ND
		4,6-Dinitro-2-methylphenol	ug/l	1.2	ND
		4-Bromophenyl-phenylether	ug/l	0.23	ND
		4-Chloro-3-methylphenol	ug/l	1.9	ND
		4-Chlorophenyl-phenylether	ug/l	0.32	ND
		4-Nitrophenol	ug/l	1.6	ND
		Acenaphthene	ug/l	0.31	ND
		Acenaphthylene	ug/l	0.26	ND
		Anthracene	ug/l	0.25	ND
		Benzidine	ug/l	3.4	ND
		Benzo[a]anthracene	ug/l	0.20	ND
		Benzo[a]pyrene	ug/l	0.24	ND
		Benzo[b]fluoranthene	ug/l	0.49	ND
		Benzo[g,h,i]perylene	ug/l	0.36	ND
		Benzo[k]fluoranthene	ug/l	0.50	ND
		Bis(2-Chloroethoxy)methane	ug/l	0.21	ND
		Bis(2-Chloroethyl)Ether	ug/l	0.15	ND
		Bis(2-Chloroisopropyl)ether	ug/l	0.14	ND
		Bis(2-Ethylhexyl)phthalate	ug/l	0.37	7.1 U
		Butylbenzylphthalate	ug/l	0.29	ND
		Chrysene	ug/l	0.30	ND
		Di-n-butylphthalate	ug/l	0.26	ND
		Di-n-octylphthalate	ug/l	0.80	ND
		Dibenzo[a,h]Anthracene	ug/l	0.34	ND
		Diethylphthalate	ug/l	0.31	ND
		Dimethylphthalate	ug/l	0.24	ND
		Fluoranthene	ug/l	0.29	ND
		Fluorene	ug/l	0.28	ND
		Hexachlorobenzene	ug/l	0.28	ND
		Hexachlorobutadiene	ug/l	0.25	ND
		Hexachlorocyclopentadiene	ug/l	2.5	ND
		Hexachloroethane	ug/l	0.26	ND
		Indeno[1,2,3-cd]pyrene	ug/l	0.34	ND
		Isophorone	ug/l	0.21	ND
		N-Nitroso-Di-N-Propylamine	ug/l	0.22	ND
		N-Nitrosodimethylamine	ug/l	0.28	ND
		N-Nitrosodiphenylamine	ug/l	0.32	ND
		Naphthalene	ug/l	0.36	ND
		Nitrobenzene	ug/l	0.23	ND
		Pentachlorophenol	ug/l	2.0	ND
		Phenanthrene	ug/l	0.27	ND
		Phenol	ug/l	1.2	2.6
		Pyrene	ug/l	0.27	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Lab#	SampleID				
	TestGroup	Analyte	Units	MDL/PQL	Result
	TAL Metals 200.7				
		Aluminum	ug/l	58	210
		Antimony	ug/l	3.3	ND
		Arsenic	ug/l	3.6	15
		Barium	ug/l	23	59
		Beryllium	ug/l	2.5	ND
		Cadmium	ug/l	1.4	ND
		Calcium	ug/l	380	47000
		Chromium	ug/l	16	ND
		Cobalt	ug/l	4.6	ND
		Copper	ug/l	20	ND
		Iron	ug/l	88	ND
		Lead	ug/l	3.4	ND
		Magnesium	ug/l	260	4400
		Manganese	ug/l	12	ND
		Nickel	ug/l	15	ND
		Potassium	ug/l	3500	70000
		Selenium	ug/l	20	ND
		Silver	ug/l	5.2	ND
		Sodium	ug/l	30000	930000
		Thallium	ug/l	3.1	ND
		Vanadium	ug/l	4.3	10
		Zinc	ug/l	20	ND
	Total Petroleum Hydrocarbons (Water)				
		Total Petroleum Hydrocarbons	mg/l	1.0	ND
	Volatile Organics + 15 (624)				
		1,1,1-Trichloroethane	ug/l	0.44	ND
		1,1,2,2-Tetrachloroethane	ug/l	0.42	ND
		1,1,2-Trichloroethane	ug/l	0.50	ND
		1,1-Dichloroethane	ug/l	0.35	ND
		1,1-Dichloroethene	ug/l	0.41	ND
		1,2-Dichloroethane	ug/l	0.44	ND
		1,2-Dichloropropane	ug/l	0.44	ND
		2-Chloroethylvinylether	ug/l	1.1	ND
		Acrolein	ug/l	3.0	ND
		Acrylonitrile	ug/l	6.6	ND
		Benzene	ug/l	0.32	ND
		Bromodichloromethane	ug/l	0.30	ND
		Bromoform	ug/l	0.32	ND
		Bromomethane	ug/l	0.55	ND
		Carbon tetrachloride	ug/l	0.23	ND
		Chlorobenzene	ug/l	0.25	ND
		Chloroethane	ug/l	0.52	ND
		Chloroform	ug/l	0.45	ND
		Chloromethane	ug/l	0.32	ND
		Cis-1,3-Dichloropropene	ug/l	0.35	ND
		Dibromochloromethane	ug/l	0.41	ND
		Ethylbenzene	ug/l	0.15	1.0
		M&p-Xylenes	ug/l	0.81	2.4
		Methylene chloride	ug/l	0.85	ND
		O-Xylene	ug/l	0.36	ND
		Tetrachloroethene	ug/l	0.34	ND
		Toluene	ug/l	0.24	ND
		Trans-1,2-Dichloroethene	ug/l	0.46	ND
		Trans-1,3-Dichloropropene	ug/l	0.24	ND
		Trichloroethene	ug/l	0.37	ND
		Vinyl chloride	ug/l	0.67	ND

MDL used for 600 and 200 series methods. PQL used for SW846 methods.
ND = Not Detected

Premier Environmental Services.

APPENDIX C

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Chain-of-Custody

PAGE 1 OF 1 PA PROJECT SDG NO 4
05311131

THE PORT AUTHORITY OF NY & NJ

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zafiriis
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH - Port Ivory P&G Site
Charge Code	CP11-234-323

Destination Laboratory: HCV Lab Case/SDG:

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Preservative Codes (MeOH No.)	Grab or Composite	NY Star VOA MBE TTBA	NY Star PAHT		EQuIS diskett			
								Parameters/Analytes						
PG-PGASNS-052802S001	AB58483	5/28/02			2			✓	✓		✓			
-PGASNS- S002	58484	↓						✓	✓		✓			
-PGASE3-052902S002	58485	5/29/02						✓	✓		✓			
-PGASE3- S003	58486							✓	✓		✓			
-PGASWS- S001	58487							✓	✓		✓			
-PGASWS- S002	58488							✓	✓		✓			
-PGASWS- S003	58489	↓						✓	✓		✓			
-PGFB01-052802WQ01	58490	5/28/02				HCl		✓			✓			
-PGFB01-052902WQ01	58491	5/29/02			↓	HCl		✓			✓			

Sampled By: Consultant
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: STD
OTHER One Week TAT

Deliverables: NJ Reduced Data Sum.
OTHER

4 oz

Relinquished By:	Date: 5/30/02 11:10	Received By: HCV	Date: 5/30/02 11:10
Relinquished By: HCV	Date: 5/30/02 1645	Received By: HCV	Date: 5/30/02 1645
Relinquished By:	Date:	Received By:	Date:

CONDITION UPON RECEIPT FORM

Veritech

Date Received: 5/30/02 Filed By: RM

Client: PA Project/Account: Howland Hook

Veritech Project # _____

YES	NO		INITIAL CONDITIONS
✓		[1]	Is there a corresponding Chain of Custody included with the samples?
✓		[2]	Are the samples in a container such as a cooler or ice chest?
	✓	[3]	Are the custody seals intact? IF NO, please circle one of the following: missing broken N.A.
4.0 °C		[4]	Please specify the temperature inside the container.

YES	NO		SAMPLE INFORMATION
✓		[5]	Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6]	Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples: _____
✓		[7]	Are all of the sample bottles intact? If NO, specify sample numbers below: broken: _____ leaking: _____
✓		[8]	Are all of the sample labels or numbers legible? If NO, specify: _____
✓		[9]	Do the contents of the container match the COC? If NO, specify: _____
✓		[10]	Is there enough sample sent for the analyses listed on the COC? If NO, specify: _____
✓		[11]	Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12]	Are all soil VO(NJ) samples properly preserved in methanol with the correct soil weights (8g - 12g) and accompanied by dry soil? _____

OTHER

[13] Specify: _____

NO.	ACTION	CORRECTIVE ACTIONS

THE PORT AUTHORITY OF NY & NJ

Chain-of-Custody

PAGE 1 OF 1 PA PROJECT SDG NO 5

05311819

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zafiriis
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH - Port Ivory P&G Site
Charge Code	CP11-234-323

Destination Laboratory: HCV Lab Case/SDG:

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Preservative Codes (MeOH No.)	Grab or Composite	NY Star VOA MTBE + TBA	NY Star PAHs		EQuIS diskette			
								Parameters/Analytes						
PG-PGB2W4-053002S001	A358574	5/30/02			2			✓	✓		✓			
-PGB2W4-053002S002	58575	↓			2			✓	✓		✓			
-FB-01-053002WQ01	58576	↓			2	HCl		✓			✓			

Sampled By: Contractor
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: STD
OTHER Overnight

Deliverables: NJ Reduced Data Sum.
OTHER

4.0C

Relinquished By:		Date: 5/31/02 3:40	Received By:		Date: 5/31 1540
Relinquished By:		Date:	Received By:		Date:
Relinquished By:		Date:	Received By:		Date:

CONDITION UPON RECEIPT FORM

Veritech

Date Received: 5/31/02 Filed By: RM

Client: PA Project/Account: HH Portfolio/RG Site

Veritech Project #: _____

YES	NO		INITIAL CONDITIONS
✓		[1]	Is there a corresponding Chain of Custody included with the samples?
✓		[2]	Are the samples in a container such as a cooler or ice chest?
	✓	[3]	Are the custody seals intact? IF NO, please circle one of the following: (missing) broken N.A.
4.0 °C		[4]	Please specify the temperature inside the container.

YES	NO		SAMPLE INFORMATION
✓		[5]	Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6]	Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples: _____
/		[7]	Are all of the sample bottles intact? If NO, specify sample numbers below: broken: _____ leaking: _____
/		[8]	Are all of the sample labels or numbers legible? If NO, specify: _____
/		[9]	Do the contents of the container match the COC? If NO, specify: _____
/		[10]	Is there enough sample sent for the analyses listed on the COC? If NO, specify: _____
✓		[11]	Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12]	Are all soil VO(NJ) samples properly preserved in methanol with the correct soil weights (8g - 12g) and accompanied by dry soil? _____

		OTHER
	[13]	Specify: _____

NO.	ACTION	CORRECTIVE ACTIONS
_____	_____	
_____	_____	

HE PORT AUTHORITY OF NY & NJ

Chain-of-Custody

PAGE 1 OF 1 PA PROJECT SDG NO 13

06281539

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zafiris
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH - Port Ivory PAG Site
Charge Code	CP11-234-323

Destination Laboratory: HCV **Lab Case/SDG:**

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Preservative Codes (MeOH No.)	Grab or Composite	NY Stars VOAs + TBA	NY Stars PAHs	EQuIS diskette	Parameters/Analytes
PG-PGB3E3-062602S003	AB60464	6/26/02			2			✓	✓	✓	
-PGOP1S1-062602S003	60465				2			✓	✓	✓	
-PGOP1W1-062602S003	60466				2			✓	✓	✓	
-FB-01-062602WQ01	60467				2	HCl		✓		✓	

Sampled By: Contractor
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: ~~STD~~ OTHER ~~[illegible]~~

Deliverables: (NJ Reduced) Data Sum.
OTHER

4.0°C

Relinquished By:	Date: 6/27/02 15:35	Received By: RMerchant HCL	Date: 6/27 1535
Relinquished By:	Date:	Received By:	Date:
Relinquished By:	Date:	Received By:	Date:

2000 JH

CONDITION UPON RECEIPT FORM

Veritech

HC 0004

Date Received: 6/27/02 Filed By: RM

Client: PA Project/Account: Howland Hook

Veritech Project #

YES	NO		INITIAL CONDITIONS
✓		[1]	Is there a corresponding Chain of Custody included with the samples?
✓		[2]	Are the samples in a container such as a cooler or ice chest?
	✓	[3]	Are the custody seals intact? IF NO, please circle one of the following: (missing) broken N.A.
4.0 °C		[4]	Please specify the temperature inside the container.

YES	NO		SAMPLE INFORMATION
✓		[5]	Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6]	Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples:
✓		[7]	Are all of the sample bottles intact? If NO, specify sample numbers below: broken: leaking:
✓		[8]	Are all of the sample labels or numbers legible? If NO, specify:
✓		[9]	Do the contents of the container match the COC? If NO, specify:
✓		[10]	Is there enough sample sent for the analyses listed on the COC? If NO, specify:
✓		[11]	Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12]	Are all soil VO(NJ) samples properly preserved in methanol with the correct soil weights (8g - 12g) and accompanied by dry soil?

OTHER

[13] Specify:

NO.	ACTION	CORRECTIVE ACTIONS

00044

\CUR9.DOC

IE PORT AUTHORITY OF NY & NJ

Chain-of-Custody

PAGE 1 OF 3 PA PROJECT SDG NO 13

11240942

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zafiriis
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH - Port Ivory P&G Site
Charge Code	501-233-295

Destination Laboratory: HCV Lab Case/SDG:

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Preservative Codes (MeOH No.)	Grab or Composite	PP VOAs +15 +X Xylenes	PP BNAs +25	Pest/PCBs	TAL Metals	Cyanide	TPHC	D&G	pH	phenol	EQUIS Diskette
								Parameters/Analytes									
PG-SW-01-111210 0WS 01	AB19604	11/21/00		SW-1	2	HNO3					✓				✓		✓
-SW-02- 02	19605			SW-2	2	"					✓				✓		✓
-SW-03- 03	19606			SW-3	2	↓					✓				✓		✓
-SED-1- SD 01	19607			SED-1	1						✓						✓
-SED-2- SD 01	19608			SED-2	1						✓						✓
-SED-3- SD 01	19609			SED-3	1						✓						✓
-SED-4- SD 01	19610			SED-4	1						✓						✓
↓ -SED-5- SD 01	↓ 19611	↓		SED-5	1	↓					✓						✓

Sampled By: Jennifer Kohlsaat (Killam)
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: STD
OTHER One Week

Deliverables: NJ Reduced, Data Sum.
OTHER EQuIS Diskette

Relinquished By: [signature] Date: 11/22/00
Relinquished By: [signature] Date: 11/22/00 1300
Relinquished By: Date:

Received By: [signature] Date: 11/22/00 1125
Received By: C Cimena HCT Date: 11/22 13.00
Received By: Date:

2.0°C

THE PORT AUTHORITY OF NY & NJ

Chain-of-Custody

PAGE 2 OF 3 PA PROJECT SDG NO 13

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zaffiris
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH-Port Ivory P&G Site
Charge Code	501-233-295

Destination Laboratory: HCV Lab Case/SDG:

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Preservative Codes (MeOH No.)	Grab or Composite	PP VOAs +15 +xylenes	PP SVAs +25	Pest/PCBs	TAL Metals	Cyanide	TPHC	D&G	pH	phenol		EQUIS Diskette
								Parameters/Analytes										
PG-UST7-2-112100505	AB19612	11/21/00		UST7,S-5	3			✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
-UST7-2- 06	19613			UST7,S-6														
-FILL11- 01	19614			Fill 11,S-1														✓
-FILL11- 02	19615			Fill 11,S-2														✓
-PD-01-- 02	19616			PD-1,S-2														✓
-PD-01-- 06	19617			PD-1,S-6														✓
-PD-06-- 04	19618			PD-6,S-4														✓
-PD-06-- 07	19619	↓		PD-6,S-7	↓					✓			✓			✓		✓

Sampled By: John Zurks / Doug Howe
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: STD
OTHER One Week

Deliverables: NJ Reduced, Data Sum.
OTHER EQUIS Diskette

Relinquished By: [signature] Date: 11/22/00
Relinquished By: [signature] Date: 11/22/00 1300
Relinquished By: Date:

Received By: [signature] Date: 11/22/00 1125
Received By: C Arsenault HCL Date: 11/22 13:00
Received By: Date:

2.0°C

IE PORT AUTHORITY OF NY & NJ

Chain-of-Custody

PAGE 3 OF 3 PA PROJECT SDG NO 13

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zafiris
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH-Port Ivory P&G Site
Charge Code	501-233-295

Destination Laboratory: HCV Lab Case/SDG:

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Preservative Codes (MeOH No.)	Grab or Composite	PP VOAs +15 +'y lyes	PP BNAs +25	Pest/PCBs	TAL Metals	Cyanide	TPHC	O&G	pH	phenol			EQUIS Diskette
								Parameters/Analytes											
PG-G-02-111210050801	AB19620			G-2,S-1	3			✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
-G-02- 03	19621			G-2,S-3															✓
-G-02- 04	19622			G-2,S-4															✓
-G-7N- 05	19623			G-7N,S-5															✓
-G-7N- 06	19624			G-7N,S-6	↓				✓							✓			✓
-FB01- 01	19625			FB-1	2	HCl		✓											✓
↓ -FB02- 01	↓ 19626			FB-2	2	HCl		✓											✓

Sampled By: Ed Zuk / Doug Howe
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: STD
OTHER One Week

Deliverables: NJ Reduced, Data Sum.
OTHER EQUIS Diskette

Relinquished By: [signature] Date: 11/22/00
Relinquished By: [signature] Date: 11/22/00 1300
Relinquished By: Date:

Received By: [signature] Date: 11/22/00 1125
Received By: C Rivera HCL Date: 11/22 1300
Received By: Date:

2.0°C

HE PORT AUTHORITY OF NY & NJ

Chain-of-Custody

PAGE 1 OF 1 PA PROJECT SDG NO 12011513

Materials Engineering Division - 241 Erie Street, Room 234
Jersey City, NJ 07310

Contact Name	Dorian Bailey / Angelos Zaphiriis
Contact Phone No.	(201) 216-2963 / (201) 216-2960
Contact Fax No.	(201) 216-2158
Contact Email:	

Facility	Howland Hook
Project Info.	HH - Port Ivory P&G Site
Charge Code	501-233-295

Destination Laboratory: HCV Lab Case/SDG:

EQuIS Sys_Sample_Code Loc(8)Date(6)Matrix(2)Type(2)Counter(2)	Contract Lab Sample ID	Date of Collection Year	Time of Collection	Geotech Cross Id	# of Containers	Proservative Codes (MeOH No.)	Grab or Composite	PP VOAs +15 + 1,4-dioxane	1P BNAs +25	Pest/PCBs	TAL Metals	Cyanide	TPHC	DEG	pH	phenol	EQUIS Dissolve
								Parameters/Analytes									
PG-PAMW01D120900WG01	AB20012	11/30/06		PMW-1D	11			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PG-TMW-01-	20013			TMW-1													
PG-PAMW11D	20014			PMW-11D													
PG-BW-13	20015			BW-D													
PG-FB-01	20016			FB-1	▼			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PG-TB-01	20017			TB	2			✓									✓

Sampled By: DP/EM
Sampling Method:

Preservatives:
1. Ice 2. HCl 3. HNO3
4. NaOH 5. MeOH 6. H2SO4

TAT: STD
OTHER One Week

Deliverables: NJ Reduced, Data Sum.
OTHER EQUIS Deliv

2.7°C

Relinquished By:	Date: 11/30/06 16:10	Received By: Teresa Thomas	Date:
Relinquished By:	Date:	Received By: TONY ANUAN	Date: 11/30/06 1745
Relinquished By:	Date:	Received By:	Date: