Premier Environmental Services

DATA VALIDATION SUMMARY REPORT OF THE LAWRENCE AVIATION SUPERFUND SITE PORT JEFFERSON, NY

ORGANIC AND INORGANIC ANALYSES IN AQUEOUS SAMPLES

TEST AMERICA LABORATORIES, INC.
SOUTH BURLINGTON, VT

SDG NUMBER: 137929

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DATA VALIDATION FOR:	**Volatile Organic Compounds (VOC's)**
SITE:	**Lawrence Aviation Superfund Site Port Jefferson, New York**
CONTRACT LAB:	**Test America Laboratories, Inc. South Burlington, VT**
PROJECT NO.:	**137929**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**August, 2010**
MATRIX:	**Aqueous**

The data validation was performed according to the guidelines in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008). All data are considered valid and acceptable except those analytes which have been deemed unusable "R" (unreliable). 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.

Table 1 of this report includes a cross reference between the field sample ID and laboratory sample ID used to perform data validation. Definitions of the data qualifiers that may be used in this report are located in Appendix A of this report. Qualified data result pages are located in Appendix B of this report. Copies of the Chain of Custody (COC) documents are located in Appendix C of this report.

This sample set included six (6) aqueous samples, one (1) Trip Blank sample and two (2) Field Blank samples. This data assessment is for the volatile organic analyses listed on the COC documents that accompanied the samples to the laboratory. The samples in this data set were collected June 24, 2010 and June 25, 2010 and received at Test America Laboratories located in South Burlington, VT on June 26, 2010 for the analyses requested on the COC documentation. The sample in this data set was analyzed for Volatile Organic Analytes (VOA) in accordance with USEPA CLP Method SOM01.2 for Trace Level analyses. The samples were also analyzed for metals and other inorganic parameters. The review of the other analytes is located in stand-alone data reports enclosed herein.

ORGANIC DATA ASSESSMENT

1. OVERVIEW:

Samples associated with this data set were analyzed for Volatile Organic Analytes (VOA) as noted by the COC documentation that accompanied the sample set to the laboratory. All analyses were performed in accordance with USEPA CLP Methods SOM01.2 for Trace Level Water Analyses. A summary of the applicable QC will be discussed at each section of the report.

Laboratory report 137929 consists of the analysis of nine (9) aqueous samples for Low Level Volatile Organic Analytes. The Chain of Custody documents listed the field sample ID's that are summarized in Table 1 of this report.

These samples were received at Test America Laboratories on June 26, 2010. The storage blank sample VHBLK01 was placed in the refrigerator on June 28, 2010 with the site samples.

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. The USEPA CLP method specifies Technical Holding times for aqueous and solid and soil samples. The Technical Holding Time is based on collection date. The holding time for a properly preserved aqueous sample that is cooled and pH preserved to 2 or below is fourteen (14) days from sample collection. The holding time for non-aqueous samples that are properly cooled and preserved with NaHS04 is fourteen (14) days from sample collection.

The samples in this data set were collected June 24, 2010 and June 25, 2010 and received at the laboratory on June 26, 2010. The initial and dilution analyses associated with this data set were completed by July 2, 2010. All sample analyses were performed within the technical holding time.

3. SURROGATES:

Samples to be analyzed for Volatile Organic Analytes (VOA) are fortified with either thirteen (13) or fourteen (14) Deuterated Monitoring Compounds (DMC's). These DMC's are added to each sample prior to sample purging. The method recommended Deuterated Monitoring Surrogate Compounds include:

Vinyl Chloride-d3	**Chloroethane-d5**
1,1-Dichloroethene-d2	**2-Butanone-d5**
Chloroform-d	**1,2-Dichloroethane-d4**
Benzene-d6	**1,2-Dichloropropane-d6**
Toluene-d8	**trans-1,3-Dichloropropene-d4**
2-Hexanone-d5	**1,4-Dioxane-d8****
1,1,2,2-Tetrachloroethane-d2	**1,2-Dichlorobenzene-d4**

**** only reported in the low/medium non-aqueous Volatile Organic Analyses.**

The laboratory reported CLP method specified recovery limits that are cited for both aqueous and non-aqueous samples reported in this data set. 1,4-Dioxane-d8 is not added as a Deuterated Monitoring Compound (DMC) in the Trace Volatile Organic Analyses associated with this data set.

The aqueous samples are fortified with thirteen (13) method specified DMC's prior to analysis. The method cites recovery limits for each surrogate. The percent recovery of each DMC met the method specified QC criteria in all samples associated with this data set.

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 and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Site Specific MS/MSD analysis was not reported with the samples in this data set.

ORGANIC DATA ASSESSMENT

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination which 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 and rinse blanks measure cross-contamination of samples during field operations. Samples were only qualified with those QC samples associated with the particular blank.

This method requires the preparation and analysis of a laboratory storage blank. This laboratory storage blank is kept with the site samples and analyzed with the site samples. In addition the method requires the analysis of an Instrument blank immediately following the analysis of a sample that has saturated ions.

A) Method Blank contamination
Three (3) method blank samples are associated with the Trace Level Volatile Organic in this data set.

Method Blank (VBLKJH-6/30/10) was free from contamination of target analytes with the exception of Acetone (1.6 J ug/l) and two (2) unknown Tentatively Identified Compounds (TIC) at retention time 6.98 and 7.93. The TIC at retention time 6.98 has been qualified "J" estimated and "X" to indicate a contaminant this is related to the Deuterated Monitoring Compound (DMC) and column bleed. The TIC at retention time 7.93 has been qualified "JN" to indicate estimated and that the spectra matched that of a library search compound.

Method Blank (VBLKJI-7/1/10) was free from contamination of target analytes with the exception of Acetone (1.8 J ug/l) and 1,2,3-Trichloropropane (0.034 J ug/l) and two (2) unknown Tentatively Identified Compounds (TIC) at retention time 6.98 and 7.93. The TIC at retention time 6.98 has been qualified "J" estimated and "X" to indicate a contaminant this is related to the Deuterated Monitoring Compound (DMC) and column bleed. The TIC at retention time 7.93 has been qualified "JN" to indicate estimated and that the spectra matched that of a library search compound.

Method Blank (VBLKJL-7/2/10) was free from contamination of target analytes with the exception of Acetone (3.8 J ug/l) and Carbon Disulfide (0.063 J ug/l) and one (1) unknown Tentatively Identified Compound (TIC) at retention time 6.98. The TIC at retention time 6.98 has been qualified "J" estimated and "X" to indicate a contaminant this is related to the Deuterated Monitoring Compound (DMC) and column bleed.

These target analytes and unknown TIC compounds have been negated and qualified "U" when detected in the associated samples.

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

The aqueous storage blank sample associated with this data set is identified as VHBLK01. This storage blank sample is free from contamination of target analytes with the exception of Carbon Disulfide (2.8 JB ug/l) and one (1) unknown Tentatively Identified Compound (TIC) at retention time 6.98. This TIC has been qualified "J" estimated and "XB" to indicate a contaminant this is related to the Deuterated Monitoring Compound (DMC) and column bleed. These target analytes and TIC that were identified in the associated method blank sample and been previously negated in all associated samples.

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

5. BLANK CONTAMINATION (cont'd):

B) Field or Equipment Rinse Blank (ERB) contamination
Two (2) Field Blank samples are associated with this data set.

Field Blank sample (ISCO FB100624) was collected with this data set. The Field Blank sample was free from contamination of all target analytes with the exception of Acetone (8.4 B ug/l), Toluene (0.064 JB ug/l) and two (2) unknown TICs at retention time 6.98 and 7.93. Acetone in the Field Blank samples is attributed to the associated method blank sample and has been negated when detected in the associated field samples.

Field Blank sample (ISCO FB100625) was collected with this data set. The Field Blank sample was free from contamination of all target analytes with the exception of Acetone (8.7 B ug/l), Toluene (0.094 JB ug/l) and two (2) unknown TICs at retention time 6.98 and 7.93. Acetone in the Field Blank sample is attributed to the associated method blank sample and has been negated when detected in the associated field samples.

C) Trip Blank contamination
One (1) Trip Blank sample is associated with this data set. The Trip Blank sample was free from contamination of all target analytes with the exception of Acetone (2.5 JB ug/l) and two (2) unknown TICs at retention time 6.98 and 7.93. The Trip Blank contaminants are all attributed to the associated method blank sample and have been negated when detected in the associated field samples.

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

ORGANIC DATA ASSESSMENT

6. 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 CLP method states the concentration levels of target analytes that must be analyzed and reported for Initial Calibration of the GC/MS.

A) RESPONSE FACTOR

Trace Volatile Organic Analysis - The response factor measures the instrument's response to specific chemical compounds. USEPA CLP criteria of the cited method requires that the response factor of all target analytes listed in Table 3 and the DMC's must be greater than or equal to 0.010. All other target analytes must have an RRF greater than or equal to 0.050 in both initial and continuing calibration analyses. Target analytes are qualified if the minimum RRF criteria are not in either the initial calibration analysis or the opening and closing continuing calibration standard analysis. Positive results are qualified "J". Non-detect results are qualified if the minimum RRF <0.050 (or 0.010 for specifics) are qualified "R", unusable

Trace Level Volatile Organic Analysis - The laboratory performed an aqueous (Trace Volatile Organic Analysis) initial calibration on June 25, 2010 (Inst. J.i). The laboratory summarized the RRF data on the CLP Form 6A. The laboratory included all raw data and instrument summary forms in the data report for review. The RRF of all target compounds met QC criteria in this initial calibration curve analysis.

Three (3) opening and three (3) closing continuation calibration standards are associated with this sample set. The opening CCV standards were analyzed June 30, 2010, July 1, 2010 and July 2, 2010. Opening and closing CCV standards are reported on each day of analysis. The RRF criteria for each of the opening and closing CCV standards met the QC criteria specified in the cited data validation guidelines.

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

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

Trace Volatile Organic Analyses - 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. US EPA data validation criteria states that the percent RSD must be less than or equal to 40% for the volatile compounds and surrogate compounds listed in Table 3 and there associated Deuterated Monitoring compounds. All other %RSD must be less than or equal to 30% in the initial calibration curve analysis.

The %D in the opening CCV standard must be <40% for the compounds listed in Table 3 of the method. All other volatile organic compounds have a criteria <50% in the closing continuing calibration standard. 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 judgment. If %RSD and %D grossly exceed QC criteria (>90%), non-detects data may be qualified "R", unusable.

Trace Volatile Organic Analyses - The laboratory performed an aqueous (Trace Volatile Organic Analysis) initial calibration on June 25, 2010 (Inst. J.i). The laboratory summarized the %RSD data on the CLP Form 6A. The laboratory included all raw data and instrument summary forms in the data report for review. The %RSD of all target compounds met QC criteria in this initial calibration curve analysis.

The aqueous samples in this data set were analyzed June 30, 2010, July 1, 2010 and July 2, 2010. An opening and closing CCV standard is reported on each day of analysis. The %Difference criteria for each target analyte of the opening and closing CCV standard met the QC criteria specified in the cited data validation guidelines.

ORGANIC DATA ASSESSMENT

7. 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 tune criteria listed in the data report met or exceeded that required by the method. All tuning criteria associated with these sample analyses were met.

8. 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 area count evaluation criteria are applied to all field and QC samples.

All samples were spiked with the internal standards Chlorobenzene-d5, 1,4-Difluorobenzene and 1,4-Dichlorobenzene-d4 prior to analysis. The area counts and retention time of each internal standard met QC criteria in all field samples and QC samples associated with this data set.

9. 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. The laboratory reported each sample to the Contract Required Quantitation Limit (CRQL) listed in the cited method.

Six (6) aqueous samples, two (2) Field Blank samples and one (1) Trip Blank sample are associated with this data set. The samples were analyzed using USEPA CLP Method SOM01.2. Tentatively Identified Compounds (TIC's) were reported when detected with this data set. Target analytes detected in these associated field samples have been negated and qualified "U" when attributed to the associated Field Blank/Trip Blank/Instrument Blank samples.

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

Sample ISCO MW 01 was initially analyzed without based on the results of preliminary screening and the concentration of target analytes detected at this sample point. The concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was reanalyzed using a 1:8.5 dilution to report the concentration of Trichloroethene (110 D ug/l) detected at this sample point. All other target analytes were reported from the initial sample analysis.

ORGANIC DATA ASSESSMENT

9. COMPOUND IDENTIFICATION (cont'd):

Sample ISCO MW 02 was initially analyzed using a dilution of 1:40 based on the results of preliminary screening and the concentration of target analytes detected at this sample point. A more concentrated analysis was performed (1:3.2) to report a lower detection limits of all target analytes with the exception of Trichloroethene that were not reported from the initial higher dilution analysis. Trichloroethene exceeded the calibration range of the GC/MS in the 1:3.2 analysis. Trichloroethene (490 D ug/l) is reported from the 1:40 dilution analysis.

Sample ISCO MW 03 was initially analyzed using a dilution of 1:36.7 based on the results of preliminary screening and the concentration of target analytes detected at this sample point. A more concentrated analysis was performed (1:3.0) to report a lower detection limits of all target analytes with the exception of Trichloroethene that were not reported from the initial higher dilution analysis. Trichloroethene exceeded the calibration range of the GC/MS in the 1:3.0 analysis. Trichloroethene (460 D ug/l) is reported from the 1:36.7 dilution analysis.

Sample ISCO MW 04 was initially analyzed using a dilution of 1:19.1 based on the results of preliminary screening and the concentration of target analytes detected at this sample point. A more concentrated analysis was performed (1:1.5) to report a lower detection limits of all target analytes with the exception of Trichloroethene that were not reported from the initial higher dilution analysis. Trichloroethene exceeded the calibration range of the GC/MS in the 1:1.5 analysis. Trichloroethene (240 D ug/l) is reported from the 1:19.1 dilution analysis.

Sample ISCO MW 05 was initially analyzed without based on the results of preliminary screening and the concentration of target analytes detected at this sample point. The concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was reanalyzed using a 1:6.7 dilution to report the concentration of Trichloroethene (82 D ug/l) detected at this sample point. All other target analytes were reported from the initial sample analysis.

Sample ISCO MW 06 was initially analyzed using a dilution of 1:36.7 based on the results of preliminary screening and the concentration of target analytes detected at this sample point. A more concentrated analysis was performed (1:3) to report a lower detection limits of all target analytes with the exception of Trichloroethene that were not reported from the initial higher dilution analysis. Trichloroethene exceeded the calibration range of the GC/MS in the 1:3 analysis. Trichloroethene (490 D ug/l) is reported from the 1:36.7 dilution analysis.

ORGANIC DATA ASSESSMENT

10. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Analytes reported above the reporting limit are listed below. Data was not qualified based on the RPD of field duplicate sample analyses.

Sample ISCO MW02 was collected in duplicate. The blind duplicate sample is ISCO MW06. Field duplicate data is summarized in the report in which the parent sample is reported. Below is a summary of detected target analytes.

Sample ID: ISCO MW02 (833970)/ISCO MW-06 (833972)

Analyte	Result (ug/l)	Result (ug/l)	RPD (%)
Acetone	5.3 JB	4.6 JB	14.1
Methyl tert-butyl ether	0.52 J	0.45 J	14.4
cis 1,2-Dichloroethene	2.0	2.0	0
Chloroform	0.32 J	0.26 J	20.7
Trichloroethene	490*	490**	0
Toluene	0.84 J	0.84 J	0
2-Hexanone	2.9	2.7	7.14

ND denotes not detected
NC denotes not calculated

* reported from a 1:40 DL analysis
** reported from a 1:36.7 DL analysis

A review of the compounds detected in each of the field duplicate samples was made. Sample results that are reported between the MDL and the laboratory reporting limit have been qualified "J" by the laboratory. These results at the lower end of the calibration range have more variability that those reported above the laboratory reporting limit. No action was taken based on the results of the field duplicate samples in this data set.

11. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

Analytical/method QC criteria was met for these analyses except where explained in the laboratory case narrative and the detailed in this validation report. The data reported by the laboratory 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 QC anomalies associated with this data set have been explained in the above sections of this data validation report.

All sample results are reported to the method detection limit except where detailed above. Reporting limits and positive results are adjusted based on the sample volume/weight utilized for each extraction procedure. The data reported in this data set is acceptable for use, with the noted data qualifiers.

Appendix B of this report contains copies of qualified data result pages.

DATA VALIDATION FOR:	**Target Analyte List of Metals (TAL)**
SITE:	**Lawrence Aviation Superfund Site**
CONTRACT LAB:	**Test America Laboratories South Burlington, VT**
SDG NO.:	**137929**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**August, 2010**
MATRIX:	**Aqueous**

The Chain of Custody (COC) documentation associated with this data set listed eight (8) aqueous samples and one (1) Trip Blank sample. These samples were collected June 24, 2010 and June 25, 2010 and received at Test America Laboratories located in South Burlington, VT on June 26, 2010.

The data evaluation was performed according to the guidelines noted in the "National Functional Guidelines for Inorganic Data Review", February 1999 and the USEPA Region II SOP for the Review of Inorganic Data (HW-2, Rev. 13 (10/06).

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. Appendix A of this report 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.

The samples in this data set were analyzed for TAL metals. These samples were also analyzed for Volatile Organic Analytes (VOA) and miscellaneous wet chemistry analytes. The data review associated with these analyses is located in stand alone data reports that are enclosed with this complete report.

1. OVERVIEW

Six (6) samples were collected June 24-25, 2010 and received at Test America Laboratories located in South Burlington, VT on June 26, 2010. The samples are reported in laboratory SDG 137929. Table 1 of this report lists each of the field sample and laboratory sample ID's. The samples were analyzed for the parameters listed on the COC documents. A full deliverable report was required to report the sample results. Six (6) aqueous samples in this data set were prepared and analyzed for the TAL Metal list of analytes.

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, is 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 aqueous samples were prepared and analyzed for the Target Analyte Metals (TAL). The ICP Metals were prepared in one batch on June 29, 2010. The digestates were analyzed in one (1) sequence on June 29, 2010. The samples were prepared for Mercury analysis on June 29, 2010 and analyzed in one (1) sequence on June 30, 2010.

All sample digestion and analyses associated with this data set were performed 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. One (1) continuing calibration standard was analyzed after each ten (10) field samples. One (1) analytical sequence is associated with this data set. All target analytes were analyzed and reported. The laboratory reported provided raw data of each sequence for review. All ICV and CCV standards associated with this data set met QC criteria in each of these analytical sequences.

The Mercury analyses were performed in one (1) analytical sequence. The sample associated with this data set was analyzed on June 30, 2010. The laboratory reported provided raw data for this sequence to review. Review of the raw data to the results reported on the summary forms was made. All raw data matched that reported on the summary forms. All QC criteria were met in the data associated with 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 70%-130% 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).

The laboratory analyzed one (1) CRDL standard with the ICP analytical sequence. The recovery of all target analytes met QC criteria in the ICP analytical sequence.

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. The ICP ICS standards are to be analyzed at the beginning and end of each analytical run. The results are to fall within control limits of +/-20% of the true value.

The laboratory analyzed one (1) ICSA and one (1) ICSAB standard with this ICP analytical sequence. These QC samples are used to verify the laboratories interelement and background correction factors of the ICP. The recovery of all target analytes met QC criteria in the analytical sequence associated with 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).

Site specific MS analysis was not prepared or analyzed with these ICP Metal or CVAA Mercury analyses.

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.

Post digestion spike analysis was not reported with 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.

Laboratory duplicate analysis was not reported with 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).

Serial dilution analysis was performed on sample ISCO MW-01(833969). The %Difference of all target analytes with the exception of Aluminum (19%) met QC criteria in the serial dilution analysis. The CRQL of Aluminum is 200 ug/l. The concentration of Aluminum detected in sample ISCO MW01 was slightly above the five (5) time rule. Aluminum has been qualified in each sample reported with this data set.

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

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.

The laboratory provided a summary report form for the method blank associated the sample preparation batch. The ICP preparation blank was free from contamination of all target analytes above the reporting limit.

The preparation blank associated with the Mercury sample analysis was free from contamination.

The laboratory provided summary forms to report the ICB and CCB analyses. All QC criteria were met in the ICB/CCB analyses associated with this data set.

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.

The ICP LCS sample was fortified with all target analytes. Recovery limits of 80%-120% were applied to each target analyte. The recovery of all target analytes met QC criteria in the LCS sample.

All recoveries in the Mercury Laboratory Control Sample associated with this data set met QC criteria.

12. FIELD DUPLICATE SAMPLE ANALYSIS

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Analytes reported above the reporting limit are listed below. Data was not qualified based on the RPD of field duplicate sample analyses.

Sample ISCO MW02 (833970) was collected in duplicate. Field duplicate data is summarized in the report in which the parent sample is reported. Below is a summary of detected target analytes.

Sample ID: ISCO MW02 (833970)/ISCO MW-06 (833972)

Analyte	Result (ug/l)	Result (ug/l)	RPD (%)
Aluminum	**7900**	**7590**	**4.66**
Barium	**50.9 J**	**49.3 J**	**3.19**
Beryllium	**1.3 J**	**1.3 J**	**0**
Calcium	**16800**	**17000**	**1.18**
Cobalt	**10.6 J**	**9.7 J**	**8.87**
Chromium	**42.1**	**39.8**	**5.62**
Copper	**4.5 J**	**4.6 J**	**2.20**
Iron	**168**	**160**	**4.88**
Magnesium	**6610**	**6520**	**1.37**
Manganese	**420**	**442**	**5.10**
Sodium	**36900**	**35700**	**3.31**
Nickel	**379**	**359**	**5.42**
Potassium	**12000**	**11800**	**1.68**
Zinc	**36.7 J**	**36.8 J**	**<1**

ND denotes not detected
NC denotes not calculated

A review of the compounds detected in each of the field duplicate samples was made. The RPD among the duplicate samples indicates acceptable precision. No action was taken based on the results of the field duplicate samples in this data set.

13. INSTRUMENT QC DATA

The laboratory provided the required annual and semiannual ICP Instrument QC summary report forms in this data report. This information was not reviewed by this data validator. All annual and semiannual QC studies were performed by the laboratory.

14. COMPOUND IDENTIFICATION

Six (6) aqueous samples were analyzed for TAL Metals. The sample was analyzed in accordance with the required method (ILM05.4). The samples data was reported in the units ug/l (ppb).

15. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

This data set included the reporting of six (6) aqueous samples. The samples were analyzed for the TAL metals list. A copy of the Chain of Custody is located in Appendix C of this report. The sample results are reported in accordance with the cited methods.

The TAL metals reported in this data set are acceptable for use with the noted data qualifiers.

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

Data Validation Report

DATA VALIDATION FOR:	**Miscellaneous Wet Chemistry**
SITE:	**Lawrence Aviation Superfund Site**
CONTRACT LAB:	**Test America Laboratories South Burlington, VT**
SDG:	**137929**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**August, 2010**
MATRIX:	**Aqueous**

The Chain of Custody (COC) documentation associated with this data set included eight (8) aqueous samples and one (1) Trip Blank sample. The samples were collected on June 24, 2010 and June 25, 2010. The samples were shipped to Test America Laboratories located in South Burlington, VT. The samples were then subcontracted to the Test America Laboratories location in Savannah , GA for these analyses.

The data evaluation was performed in accordance with the QAPP that was developed for this site as well as method recommended QC practices. 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. Appendix A of this report 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.

The samples in this data set were analyzed for Miscellaneous Wet Chemistry parameters that were specified on the COC documents that accompanied the samples to the laboratory. This data review is associated with these Miscellaneous Wet Chemistry Analyses.

1. OVERVIEW

Six (6) aqueous samples were collected June 24, 2010 and June 25, 2010 and received at Test America Laboratories located in South Burlington, VT on June 26, 2010. The Wet Chemistry analytes that were listed on the COC documentation were subcontracted to the Test America Laboratory located in Savannah GA.

Table 1 of this report is a summary of the field sample ID and laboratory sample ID. The samples in this data set were analyzed for the parameters listed on the COC documents. A full data deliverable was generated to report these analyses.

These samples were analyzed for Chloride (EPA Method 300.0), Sulfate (EPA Method 300.0), Total Dissolved Solids (SM2540C), Total Suspended Solids (SM2540D), Alkalinity (SM2320B) and Total Organic Carbon (SM5310B).

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. The miscellaneous wet chemistry analytes have specific holding times cited in the approved method.

The samples in this data set were prepared and analyzed for the cited analyses within the method specified holding times.

3. CALIBRATION ANALYSIS

The laboratory summarized the initial and continuing calibration data associated with each of the wet chemistry analytes where applicable. All initial and continuing calibration standard analyses associated with this data set met QC criteria.

4. MATRIX SPIKE (MS) ANALYSIS

Multiple samples were utilized for the matrix spike analyses for each of these parameters. Acceptable recovery of the MS is +/- 25% of the True Value. Site specific matrix spike analysis was not reported with this data set.

5. 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. Sample ISCO MW04 was prepared and analyzed in duplicate for Total Suspended Solids. The RPD of these duplicate analyses met QC criteria.

6. 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.

The laboratory prepared and analyzed a method blank/preparation blank with each batch of samples for all of the Wet Chemistry analytes. Each of the method blank and/or preparation blank samples associated with this data set was free from contamination of the target analyte above the reporting limit.

7. 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.

The laboratory reported LCS and/or LCSD recovery for each of the analyses reported with this data set. The recovery of each LCS and/or LCSD met QC criteria.

8. COMPOUND IDENTIFICATION

All samples results are reported in accordance with the cited methods. Each of the samples in this data set were prepared and analyzed without dilution with the exception of the Ion Chromatography analyses (300.0). The Chloride and Sulfate analyses were analyzed using a dilution due to the color and appearance of the sample. Reporting limits have been elevated to reflect the sample dilution utilized for these analyses.

9. FIELD DUPLICATE DATA RESULTS:

Field duplicate samples are taken and analyzed as an indication of overall precision. These measure both field and laboratory precision; therefore, the results may have more variability than lab duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Data was not qualified based on the results of the field duplicate sample data.

Sample ISCO MW02 was collected in duplicate. Field duplicate data is summarized in the report in which the parent sample is reported. Below is a summary of detected target analytes.

Sample ID: ISCO MW02/ISCO MW-06

Analyte	Result (mg/l)	Result (mg/l)	RPD (%)
Chloride	18	18	0
Sulfate	31	31	0
TOC	1.9	2.3	19.0
Alkalinity	76	67	12.6
TDS	220	220	0
TSS	ND	11	NC

ND denotes not detected
NC denotes not calculated

10. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The inorganic analyses associated with this data set included the reporting of six (6) aqueous samples. The samples were analyzed for Miscellaneous Wet Chemistry analytes as noted on the COC documents that accompanied the data set. A copy of the Chain of Custody is located in Appendix C of this report. The sample results are reported in accordance with the cited methods.

The Miscellaneous Wet Chemistry data results are acceptable for use without data qualification.

TABLE 1

FIELD SAMPLE ID	LABORATORY ID
ISCO MW01	833969
ISCO MW02	833970
ISCO MW03	833971
ISCO MW06	833972
ISCO FB100624	833973
ISCO MW05	833974
ISCO MW04	833975
ISCO FB100625	833976
TRIP BLANK	833977
VHBLK01	833978

APPENDIX A

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 identified" 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/unusable. 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.

APPENDIX B

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCOFB100624

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833973

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833973

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 06/30/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	8.4	~~B~~ U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCOFB100624

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833973

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833973

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 06/30/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.064	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCOFB100624

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833973

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833973

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 06/30/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		~~Unknown~~	~~6.98~~	~~3.0~~ ~~JXB~~	U
02	541-05-9	~~Cyclotrisiloxane, hexamethyl~~	~~7.93~~	~~0.57~~ ~~NJB~~	U
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1)EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCOFB100625

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833976

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833976

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 06/30/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	8.7 ~~8.7~~	B U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCOFB100625

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833976

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833976

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 06/30/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.094	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCOFB100625

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833976

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833976

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 06/30/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	6.98	3.0	JXB
02	541-05-9	Cyclotrisiloxane, hexamethyl	7.93	0.54	NJB
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW01

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833969

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833969

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.1	~~JB~~ U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	1.7	
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.52	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.42	J
71-55-6	1,1,1-Trichloroethane	0.090	J
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.051	J
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	110	E

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW01

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833969

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833969

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.87	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.82	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.094	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW01

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833969

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833969

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		~~Unknown~~	~~6.98~~	~~3.0~~	~~JXB~~ U
02	541-05-9	~~Cyclotrisiloxane, hexamethyl~~	~~7.93~~	~~0.52~~	~~NJB~~ V
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW01DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833969D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833969D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 8.5

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	4.3	U
74-87-3	Chloromethane	4.3	U
75-01-4	Vinyl chloride	4.3	U
74-83-9	Bromomethane	4.3	U
75-00-3	Chloroethane	4.3	U
75-69-4	Trichlorofluoromethane	4.3	U
75-35-4	1,1-Dichloroethene	4.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.3	U
67-64-1	Acetone	20	~~DJB~~ U
75-15-0	Carbon disulfide	4.3	U
79-20-9	Methyl acetate	4.3	U
75-09-2	Methylene chloride	4.3	U
156-60-5	trans-1,2-Dichloroethene	4.3	U
1634-04-4	Methyl tert-butyl ether	1.5	DJ
75-34-3	1,1-Dichloroethane	4.3	U
156-59-2	cis-1,2-Dichloroethene	0.46	DJ
78-93-3	2-Butanone	43	U
74-97-5	Bromochloromethane	4.3	U
67-66-3	Chloroform	0.59	DJ
71-55-6	1,1,1-Trichloroethane	4.3	U
110-82-7	Cyclohexane	4.3	U
56-23-5	Carbon tetrachloride	4.3	U
71-43-2	Benzene	4.3	U
107-06-2	1,2-Dichloroethane	4.3	U
79-01-6	Trichloroethene	110	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW01DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833969D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833969D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 8.5

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	4.3	U
78-87-5	1,2-Dichloropropane	4.3	U
75-27-4	Bromodichloromethane	4.3	U
10061-01-5	cis-1,3-Dichloropropene	4.3	U
108-10-1	4-Methyl-2-pentanone	43	U
108-88-3	Toluene	0.94	~~DJ~~ U
10061-02-6	trans-1,3-Dichloropropene	4.3	U
79-00-5	1,1,2-Trichloroethane	4.3	U
127-18-4	Tetrachloroethene	0.79	DJ
591-78-6	2-Hexanone	43	U
124-48-1	Dibromochloromethane	4.3	U
106-93-4	1,2-Dibromoethane	4.3	U
108-90-7	Chlorobenzene	4.3	U
100-41-4	Ethylbenzene	4.3	U
95-47-6	o-Xylene	4.3	U
179601-23-1	m,p-Xylene	4.3	U
100-42-5	Styrene	4.3	U
75-25-2	Bromoform	4.3	U
98-82-8	Isopropylbenzene	4.3	U
79-34-5	1,1,2,2-Tetrachloroethane	4.3	U
541-73-1	1,3-Dichlorobenzene	4.3	U
106-46-7	1,4-Dichlorobenzene	4.3	U
95-50-1	1,2-Dichlorobenzene	4.3	U
96-12-8	1,2-Dibromo-3-chloropropane	4.3	U
120-82-1	1,2,4-Trichlorobenzene	4.3	U
87-61-6	1,2,3-Trichlorobenzene	4.3	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW01DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833969D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833969D2

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 8.5

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		~~Unknown~~	~~6.98~~	~~26~~	~~JXBD~~ U
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1)EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW02

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833970

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833970D4

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.2

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	1.6	U
74-87-3	Chloromethane	1.6	U
75-01-4	Vinyl chloride	1.6	U
74-83-9	Bromomethane	1.6	U
75-00-3	Chloroethane	1.6	U
75-69-4	Trichlorofluoromethane	1.6	U
75-35-4	1,1-Dichloroethene	1.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U
67-64-1	Acetone	5.3	~~JB~~ U
75-15-0	Carbon disulfide	1.6	U
79-20-9	Methyl acetate	1.6	U
75-09-2	Methylene chloride	1.6	U
156-60-5	trans-1,2-Dichloroethene	1.6	U
1634-04-4	Methyl tert-butyl ether	0.52	J
75-34-3	1,1-Dichloroethane	1.6	U
156-59-2	cis-1,2-Dichloroethene	2.0	
78-93-3	2-Butanone	16	U
74-97-5	Bromochloromethane	1.6	U
67-66-3	Chloroform	0.32	J
71-55-6	1,1,1-Trichloroethane	1.6	U
110-82-7	Cyclohexane	1.6	U
56-23-5	Carbon tetrachloride	1.6	U
71-43-2	Benzene	1.6	U
107-06-2	1,2-Dichloroethane	1.6	U
79-01-6	Trichloroethene	480	E

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW02

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833970

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833970D4

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.2

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	1.6	U
78-87-5	1,2-Dichloropropane	1.6	U
75-27-4	Bromodichloromethane	1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	16	U
108-88-3	Toluene	0.84	J U
10061-02-6	trans-1,3-Dichloropropene	1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	U
127-18-4	Tetrachloroethene	2.9	
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	1.6	U
106-93-4	1,2-Dibromoethane	1.6	U
108-90-7	Chlorobenzene	1.6	U
100-41-4	Ethylbenzene	1.6	U
95-47-6	o-Xylene	1.6	U
179601-23-1	m,p-Xylene	1.6	U
100-42-5	Styrene	1.6	U
75-25-2	Bromoform	1.6	U
98-82-8	Isopropylbenzene	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U
541-73-1	1,3-Dichlorobenzene	1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	1.6	U
120-82-1	1,2,4-Trichlorobenzene	1.6	U
87-61-6	1,2,3-Trichlorobenzene	1.6	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW02

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833970

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833970D4

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.2

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	420-56-4	Trimethylsilyl fluoride	1.71	2.0	NJ
02		~~Unknown~~	~~6.98~~	~~9.8~~	~~JXB~~ U
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW02DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833970D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833970D3

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 40.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
67-64-1	Acetone	62	~~DJB~~ U
75-15-0	Carbon disulfide	20	U
79-20-9	Methyl acetate	20	U
75-09-2	Methylene chloride	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-butyl ether	20	U
75-34-3	1,1-Dichloroethane	20	U
156-59-2	cis-1,2-Dichloroethene	2.7	DJ
78-93-3	2-Butanone	200	U
74-97-5	Bromochloromethane	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
110-82-7	Cyclohexane	20	U
56-23-5	Carbon tetrachloride	20	U
71-43-2	Benzene	20	U
107-06-2	1,2-Dichloroethane	20	U
79-01-6	Trichloroethene	490	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW02DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833970D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833970D3

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 40.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	20	U
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-pentanone	200	U
108-88-3	Toluene	1.3	~~DJ~~ U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	3.1	DJ
591-78-6	2-Hexanone	21	DJ
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
95-47-6	o-Xylene	20	U
179601-23-1	m,p-Xylene	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
87-61-6	1,2,3-Trichlorobenzene	20	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW02DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833970D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833970D3

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 40.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	6.98	120	JXBD
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW03

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833971

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833971D4

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	1.5	U
74-87-3	Chloromethane	1.5	U
75-01-4	Vinyl chloride	1.5	U
74-83-9	Bromomethane	1.5	U
75-00-3	Chloroethane	1.5	U
75-69-4	Trichlorofluoromethane	1.5	U
75-35-4	1,1-Dichloroethene	1.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U
67-64-1	Acetone	6.8	~~JB~~ U
75-15-0	Carbon disulfide	1.5	U
79-20-9	Methyl acetate	1.5	U
75-09-2	Methylene chloride	1.5	U
156-60-5	trans-1,2-Dichloroethene	1.5	U
1634-04-4	Methyl tert-butyl ether	0.36	J
75-34-3	1,1-Dichloroethane	1.5	U
156-59-2	cis-1,2-Dichloroethene	0.67	J
78-93-3	2-Butanone	15	U
74-97-5	Bromochloromethane	1.5	U
67-66-3	Chloroform	1.5	U
71-55-6	1,1,1-Trichloroethane	1.5	U
110-82-7	Cyclohexane	1.5	U
56-23-5	Carbon tetrachloride	1.5	U
71-43-2	Benzene	1.5	U
107-06-2	1,2-Dichloroethane	1.5	U
79-01-6	Trichloroethene	460	E

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW03

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833971

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833971D4

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	1.5	U
78-87-5	1,2-Dichloropropane	1.5	U
75-27-4	Bromodichloromethane	1.5	U
10061-01-5	cis-1,3-Dichloropropene	1.5	U
108-10-1	4-Methyl-2-pentanone	15	U
108-88-3	Toluene	0.44	J U
10061-02-6	trans-1,3-Dichloropropene	1.5	U
79-00-5	1,1,2-Trichloroethane	1.5	U
127-18-4	Tetrachloroethene	3.8	
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	1.5	U
106-93-4	1,2-Dibromoethane	1.5	U
108-90-7	Chlorobenzene	1.5	U
100-41-4	Ethylbenzene	1.5	U
95-47-6	o-Xylene	1.5	U
179601-23-1	m,p-Xylene	1.5	U
100-42-5	Styrene	1.5	U
75-25-2	Bromoform	1.5	U
98-82-8	Isopropylbenzene	1.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U
541-73-1	1,3-Dichlorobenzene	1.5	U
106-46-7	1,4-Dichlorobenzene	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U
96-12-8	1,2-Dibromo-3-chloropropane	1.5	U
120-82-1	1,2,4-Trichlorobenzene	1.5	U
87-61-6	1,2,3-Trichlorobenzene	1.5	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW03

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833971

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833971D4

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	420-56-4	Trimethylsilyl fluoride	1.71	2.4	NJ
02		~~Unknown~~	~~6.98~~	~~9.1~~	~~JXB~~ U
03	541-05-9	Cyclotrisiloxane, hexamethyl	~~7.93~~	~~1.5~~	~~NJ~~ U
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1)EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW03DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833971D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833971D3

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 36.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	18	U
74-87-3	Chloromethane	18	U
75-01-4	Vinyl chloride	18	U
74-83-9	Bromomethane	18	U
75-00-3	Chloroethane	18	U
75-69-4	Trichlorofluoromethane	18	U
75-35-4	1,1-Dichloroethene	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
67-64-1	Acetone	57	~~DJB~~ U
75-15-0	Carbon disulfide	18	U
79-20-9	Methyl acetate	18	U
75-09-2	Methylene chloride	18	U
156-60-5	trans-1,2-Dichloroethene	18	U
1634-04-4	Methyl tert-butyl ether	18	U
75-34-3	1,1-Dichloroethane	18	U
156-59-2	cis-1,2-Dichloroethene	18	U
78-93-3	2-Butanone	180	U
74-97-5	Bromochloromethane	18	U
67-66-3	Chloroform	18	U
71-55-6	1,1,1-Trichloroethane	18	U
110-82-7	Cyclohexane	18	U
56-23-5	Carbon tetrachloride	18	U
71-43-2	Benzene	18	U
107-06-2	1,2-Dichloroethane	18	U
79-01-6	Trichloroethene	460	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW03DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833971D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833971D3

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 36.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	18	U
78-87-5	1,2-Dichloropropane	18	U
75-27-4	Bromodichloromethane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
108-10-1	4-Methyl-2-pentanone	180	U
108-88-3	Toluene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
79-00-5	1,1,2-Trichloroethane	18	U
127-18-4	Tetrachloroethene	4.1	DJ
591-78-6	2-Hexanone	180	U
124-48-1	Dibromochloromethane	18	U
106-93-4	1,2-Dibromoethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
95-47-6	o-Xylene	18	U
179601-23-1	m,p-Xylene	18	U
100-42-5	Styrene	18	U
75-25-2	Bromoform	18	U
98-82-8	Isopropylbenzene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U
87-61-6	1,2,3-Trichlorobenzene	18	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW03DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833971D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833971D3

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 36.7

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		~~Unknown~~	~~6.98~~	~~110~~	~~JXBD~~ U
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1)EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW04

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833975

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833975D4

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.75	U
74-87-3	Chloromethane	0.75	U
75-01-4	Vinyl chloride	0.75	U
74-83-9	Bromomethane	0.75	U
75-00-3	Chloroethane	0.75	U
75-69-4	Trichlorofluoromethane	0.75	U
75-35-4	1,1-Dichloroethene	0.12	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.75	U
67-64-1	Acetone	2.9	~~JB~~ U
75-15-0	Carbon disulfide	0.75	U
79-20-9	Methyl acetate	0.75	U
75-09-2	Methylene chloride	0.75	U
156-60-5	trans-1,2-Dichloroethene	0.75	U
1634-04-4	Methyl tert-butyl ether	0.93	
75-34-3	1,1-Dichloroethane	0.75	U
156-59-2	cis-1,2-Dichloroethene	0.89	
78-93-3	2-Butanone	7.5	U
74-97-5	Bromochloromethane	0.75	U
67-66-3	Chloroform	0.46	J
71-55-6	1,1,1-Trichloroethane	0.12	J
110-82-7	Cyclohexane	0.75	U
56-23-5	Carbon tetrachloride	0.75	U
71-43-2	Benzene	0.75	U
107-06-2	1,2-Dichloroethane	0.75	U
79-01-6	Trichloroethene	250	E

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW04

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833975

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833975D4

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	0.75	U
78-87-5	1,2-Dichloropropane	0.75	U
75-27-4	Bromodichloromethane	0.75	U
10061-01-5	cis-1,3-Dichloropropene	0.75	U
108-10-1	4-Methyl-2-pentanone	7.5	U
108-88-3	Toluene	0.14	J U
10061-02-6	trans-1,3-Dichloropropene	0.75	U
79-00-5	1,1,2-Trichloroethane	0.75	U
127-18-4	Tetrachloroethene	1.9	
591-78-6	2-Hexanone	7.5	U
124-48-1	Dibromochloromethane	0.75	U
106-93-4	1,2-Dibromoethane	0.75	U
108-90-7	Chlorobenzene	0.75	U
100-41-4	Ethylbenzene	0.75	U
95-47-6	o-Xylene	0.75	U
179601-23-1	m,p-Xylene	0.75	U
100-42-5	Styrene	0.75	U
75-25-2	Bromoform	0.75	U
98-82-8	Isopropylbenzene	0.75	U
79-34-5	1,1,2,2-Tetrachloroethane	0.75	U
541-73-1	1,3-Dichlorobenzene	0.75	U
106-46-7	1,4-Dichlorobenzene	0.75	U
95-50-1	1,2-Dichlorobenzene	0.75	U
96-12-8	1,2-Dibromo-3-chloropropane	0.75	U
120-82-1	1,2,4-Trichlorobenzene	0.75	U
87-61-6	1,2,3-Trichlorobenzene	0.75	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW04

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833975

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833975D4

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	420-56-4	Trimethylsilyl fluoride	1.71	1.1	NJ
02		~~Unknown~~	~~6.98~~	4.4	JXB
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW04DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833975D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833975D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 19.1

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	9.6	U
74-87-3	Chloromethane	9.6	U
75-01-4	Vinyl chloride	9.6	U
74-83-9	Bromomethane	9.6	U
75-00-3	Chloroethane	9.6	U
75-69-4	Trichlorofluoromethane	9.6	U
75-35-4	1,1-Dichloroethene	9.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.6	U
67-64-1	Acetone	37	~~DJB~~ U
75-15-0	Carbon disulfide	9.6	U
79-20-9	Methyl acetate	9.6	U
75-09-2	Methylene chloride	9.6	U
156-60-5	trans-1,2-Dichloroethene	9.6	U
1634-04-4	Methyl tert-butyl ether	1.0	DJ
75-34-3	1,1-Dichloroethane	9.6	U
156-59-2	cis-1,2-Dichloroethene	9.6	U
78-93-3	2-Butanone	96	U
74-97-5	Bromochloromethane	9.6	U
67-66-3	Chloroform	9.6	U
71-55-6	1,1,1-Trichloroethane	9.6	U
110-82-7	Cyclohexane	9.6	U
56-23-5	Carbon tetrachloride	9.6	U
71-43-2	Benzene	9.6	U
107-06-2	1,2-Dichloroethane	9.6	U
79-01-6	Trichloroethene	240	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW04DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833975D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833975D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 19.1

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.6	U
78-87-5	1,2-Dichloropropane	9.6	U
75-27-4	Bromodichloromethane	9.6	U
10061-01-5	cis-1,3-Dichloropropene	9.6	U
108-10-1	4-Methyl-2-pentanone	96	U
108-88-3	Toluene	9.6	U
10061-02-6	trans-1,3-Dichloropropene	9.6	U
79-00-5	1,1,2-Trichloroethane	9.6	U
127-18-4	Tetrachloroethene	1.7	DJ
591-78-6	2-Hexanone	96	U
124-48-1	Dibromochloromethane	9.6	U
106-93-4	1,2-Dibromoethane	9.6	U
108-90-7	Chlorobenzene	9.6	U
100-41-4	Ethylbenzene	9.6	U
95-47-6	o-Xylene	9.6	U
179601-23-1	m,p-Xylene	9.6	U
100-42-5	Styrene	9.6	U
75-25-2	Bromoform	9.6	U
98-82-8	Isopropylbenzene	9.6	U
79-34-5	1,1,2,2-Tetrachloroethane	9.6	U
541-73-1	1,3-Dichlorobenzene	9.6	U
106-46-7	1,4-Dichlorobenzene	9.6	U
95-50-1	1,2-Dichlorobenzene	9.6	U
96-12-8	1,2-Dibromo-3-chloropropane	9.6	U
120-82-1	1,2,4-Trichlorobenzene	9.6	U
87-61-6	1,2,3-Trichlorobenzene	9.6	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW04DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833975D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833975D2

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 19.1

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	6.98	60	JXBD U
02					
03					
04					
05					
06					
07					
08					
09					
10					
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13					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW05

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.5	~~JB~~ U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.15	J
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	1.0	
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.27	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.56	
71-55-6	1,1,1-Trichloroethane	0.17	J
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.042	J
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	84	E

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW05

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.44	~~J~~ U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.3	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.059	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW05

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
01		~~Unknown~~	~~6.98~~	~~3.0~~	~~JXB~~	U
02	541-05-9	~~Cyclotrisiloxane, hexamethyl~~	~~7.93~~	~~0.53~~	~~NJB~~	U
03						
04						
05						
06						
07						
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26						
27						
28						
29						
30						
	E966796(1)	Total Alkanes	N/A			

(1)EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW05DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 6.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	3.4	U
74-87-3	Chloromethane	3.4	U
75-01-4	Vinyl chloride	3.4	U
74-83-9	Bromomethane	3.4	U
75-00-3	Chloroethane	3.4	U
75-69-4	Trichlorofluoromethane	3.4	U
75-35-4	1,1-Dichloroethene	3.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.4	U
67-64-1	Acetone	13	~~DJB~~ U
75-15-0	Carbon disulfide	3.4	U
79-20-9	Methyl acetate	3.4	U
75-09-2	Methylene chloride	3.4	U
156-60-5	trans-1,2-Dichloroethene	3.4	U
1634-04-4	Methyl tert-butyl ether	0.87	DJ
75-34-3	1,1-Dichloroethane	3.4	U
156-59-2	cis-1,2-Dichloroethene	3.4	U
78-93-3	2-Butanone	34	U
74-97-5	Bromochloromethane	3.4	U
67-66-3	Chloroform	0.64	DJ
71-55-6	1,1,1-Trichloroethane	0.21	DJ
110-82-7	Cyclohexane	3.4	U
56-23-5	Carbon tetrachloride	3.4	U
71-43-2	Benzene	3.4	U
107-06-2	1,2-Dichloroethane	3.4	U
79-01-6	Trichloroethene	82	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW05DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 6.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	3.4	U
74-87-3	Chloromethane	3.4	U
75-01-4	Vinyl chloride	3.4	U
74-83-9	Bromomethane	3.4	U
75-00-3	Chloroethane	3.4	U
75-69-4	Trichlorofluoromethane	3.4	U
75-35-4	1,1-Dichloroethene	3.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.4	U
67-64-1	Acetone	13	~~DJB~~ U
75-15-0	Carbon disulfide	3.4	U
79-20-9	Methyl acetate	3.4	U
75-09-2	Methylene chloride	3.4	U
156-60-5	trans-1,2-Dichloroethene	3.4	U
1634-04-4	Methyl tert-butyl ether	0.87	DJ
75-34-3	1,1-Dichloroethane	3.4	U
156-59-2	cis-1,2-Dichloroethene	3.4	U
78-93-3	2-Butanone	34	U
74-97-5	Bromochloromethane	3.4	U
67-66-3	Chloroform	0.64	DJ
71-55-6	1,1,1-Trichloroethane	0.21	DJ
110-82-7	Cyclohexane	3.4	U
56-23-5	Carbon tetrachloride	3.4	U
71-43-2	Benzene	3.4	U
107-06-2	1,2-Dichloroethane	3.4	U
79-01-6	Trichloroethene	82	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW05DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 6.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	3.4	U
78-87-5	1,2-Dichloropropane	3.4	U
75-27-4	Bromodichloromethane	3.4	U
10061-01-5	cis-1,3-Dichloropropene	3.4	U
108-10-1	4-Methyl-2-pentanone	34	U
108-88-3	Toluene	0.47	~~DJ~~ U
10061-02-6	trans-1,3-Dichloropropene	3.4	U
79-00-5	1,1,2-Trichloroethane	3.4	U
127-18-4	Tetrachloroethene	1.1	DJ
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	3.4	U
106-93-4	1,2-Dibromoethane	3.4	U
108-90-7	Chlorobenzene	3.4	U
100-41-4	Ethylbenzene	3.4	U
95-47-6	o-Xylene	3.4	U
179601-23-1	m,p-Xylene	3.4	U
100-42-5	Styrene	3.4	U
75-25-2	Bromoform	3.4	U
98-82-8	Isopropylbenzene	3.4	U
79-34-5	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1	1,3-Dichlorobenzene	3.4	U
106-46-7	1,4-Dichlorobenzene	3.4	U
95-50-1	1,2-Dichlorobenzene	3.4	U
96-12-8	1,2-Dibromo-3-chloropropane	3.4	U
120-82-1	1,2,4-Trichlorobenzene	3.4	U
87-61-6	1,2,3-Trichlorobenzene	3.4	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW05DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833974D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833974D2

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 6.7

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	6.98	20	JXBD U
02					
03					
04					
05					
06					
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13					
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27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW06

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833972

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833972D3

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	1.5	U
74-87-3	Chloromethane	1.5	U
75-01-4	Vinyl chloride	1.5	U
74-83-9	Bromomethane	1.5	U
75-00-3	Chloroethane	1.5	U
75-69-4	Trichlorofluoromethane	1.5	U
75-35-4	1,1-Dichloroethene	1.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U
67-64-1	Acetone	4.6	~~JB~~ U
75-15-0	Carbon disulfide	1.5	U
79-20-9	Methyl acetate	1.5	U
75-09-2	Methylene chloride	1.5	U
156-60-5	trans-1,2-Dichloroethene	1.5	U
1634-04-4	Methyl tert-butyl ether	0.45	J
75-34-3	1,1-Dichloroethane	1.5	U
156-59-2	cis-1,2-Dichloroethene	2.0	
78-93-3	2-Butanone	15	U
74-97-5	Bromochloromethane	1.5	U
67-66-3	Chloroform	0.26	J
71-55-6	1,1,1-Trichloroethane	1.5	U
110-82-7	Cyclohexane	1.5	U
56-23-5	Carbon tetrachloride	1.5	U
71-43-2	Benzene	1.5	U
107-06-2	1,2-Dichloroethane	1.5	U
79-01-6	Trichloroethene	480	E

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW06

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833972

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833972D3

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	1.5	U
78-87-5	1,2-Dichloropropane	1.5	U
75-27-4	Bromodichloromethane	1.5	U
10061-01-5	cis-1,3-Dichloropropene	1.5	U
108-10-1	4-Methyl-2-pentanone	15	U
108-88-3	Toluene	0.84	J U
10061-02-6	trans-1,3-Dichloropropene	1.5	U
79-00-5	1,1,2-Trichloroethane	1.5	U
127-18-4	Tetrachloroethene	2.7	
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	1.5	U
106-93-4	1,2-Dibromoethane	1.5	U
108-90-7	Chlorobenzene	1.5	U
100-41-4	Ethylbenzene	1.5	U
95-47-6	o-Xylene	1.5	U
179601-23-1	m,p-Xylene	1.5	U
100-42-5	Styrene	1.5	U
75-25-2	Bromoform	1.5	U
98-82-8	Isopropylbenzene	1.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U
541-73-1	1,3-Dichlorobenzene	1.5	U
106-46-7	1,4-Dichlorobenzene	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U
96-12-8	1,2-Dibromo-3-chloropropane	1.5	U
120-82-1	1,2,4-Trichlorobenzene	1.5	U
87-61-6	1,2,3-Trichlorobenzene	1.5	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW06

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833972

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833972D3

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/02/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 3.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	420-56-4	Trimethylsilyl fluoride	1.71	2.4	NJ
02		~~Unknown~~	~~6.98~~	~~9.0~~	~~JXB~~ U
03					
04					
05					
06					
07					
08					
09					
10					
11					
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25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1)EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW06DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833972D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833972D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 36.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	18	U
74-87-3	Chloromethane	18	U
75-01-4	Vinyl chloride	18	U
74-83-9	Bromomethane	18	U
75-00-3	Chloroethane	18	U
75-69-4	Trichlorofluoromethane	18	U
75-35-4	1,1-Dichloroethene	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
67-64-1	Acetone	48	~~DJB~~ U
75-15-0	Carbon disulfide	18	U
79-20-9	Methyl acetate	18	U
75-09-2	Methylene chloride	2.3	DJ
156-60-5	trans-1,2-Dichloroethene	18	U
1634-04-4	Methyl tert-butyl ether	18	U
75-34-3	1,1-Dichloroethane	18	U
156-59-2	cis-1,2-Dichloroethene	2.0	DJ
78-93-3	2-Butanone	180	U
74-97-5	Bromochloromethane	18	U
67-66-3	Chloroform	18	U
71-55-6	1,1,1-Trichloroethane	18	U
110-82-7	Cyclohexane	18	U
56-23-5	Carbon tetrachloride	18	U
71-43-2	Benzene	18	U
107-06-2	1,2-Dichloroethane	18	U
79-01-6	Trichloroethene	490	D

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ISCO MW06DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833972D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833972D2

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 36.7

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	18	U
78-87-5	1,2-Dichloropropane	18	U
75-27-4	Bromodichloromethane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
108-10-1	4-Methyl-2-pentanone	180	U
108-88-3	Toluene	1.3	~~DJ~~ U
10061-02-6	trans-1,3-Dichloropropene	18	U
79-00-5	1,1,2-Trichloroethane	18	U
127-18-4	Tetrachloroethene	2.7	DJ
591-78-6	2-Hexanone	180	U
124-48-1	Dibromochloromethane	18	U
106-93-4	1,2-Dibromoethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
95-47-6	o-Xylene	18	U
179601-23-1	m,p-Xylene	18	U
100-42-5	Styrene	18	U
75-25-2	Bromoform	18	U
98-82-8	Isopropylbenzene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U
87-61-6	1,2,3-Trichlorobenzene	18	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ISCO MW06DL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833972D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833972D2

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 36.7

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		~~Unknown~~	~~6.98~~	~~110~~	~~JXBD~~ U
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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25					
26					
27					
28					
29					
30					
	E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

SOM01.2

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
TRIP BLANK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833977

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833977

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.5	~~JB~~ U
75-15-0	Carbon disulfide	0.061	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

SOM01.2

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
TRIP BLANK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833977

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833977

Level: (TRACE/LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

SOM01.2

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
TRIP BLANK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: NY137929

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 833977

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 833977

Level: (TRACE or LOW/MED) LOW Date Received: 06/26/2010

% Moisture: not dec. Date Analyzed: 07/01/2010

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
01		~~Unknown~~	~~6.98~~	~~2.9~~	~~JXB~~	U
02	541-05-9	~~Cyclotrisiloxane, hexamethyl~~	~~7.93~~	~~0.52~~	~~NJB~~	U
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
	E966796(1)	Total Alkanes	N/A			

(1) EPA-designated Registry Number.

SOM01.2

USEPA-CLP FORMS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISCO MW01

Lab Name: TestAmerica Burlington Contract: 29000

Lab Code: STLVT Case No.: LASS NRAS No.: SDG NO.: NY137929

Matrix (soil/water): WATER Lab Sample ID: 833969

Level (low/med): LOW Date Received: 06/26/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	10.0	U		P
7429-90-5	Aluminum	1040			P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	28.4	J		P
7440-41-7	Beryllium	0.30	J		P
7440-70-2	Calcium	17400			P
7440-43-9	Cadmium	5.0	U		P
7440-48-4	Cobalt	50.0	U		P
7440-47-3	Chromium	10.6			P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	44.5	J		P
7439-95-4	Magnesium	8590			P
7439-96-5	Manganese	12.3	J		P
7439-97-6	Mercury	0.20	U		CV
7440-23-5	Sodium	26400			P
7440-02-0	Nickel	45.6			P
7439-92-1	Lead	10.0	U		P
7440-09-7	Potassium	6640			P
7782-49-2	Selenium	35.0	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	22.0	J		P

J

Color Before: colorless Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

Form IA-IN ILM05.4

USEPA-CLP FORMS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISCO MW02

Lab Name: TestAmerica Burlington Contract: 29000

Lab Code: STLVT Case No.: LASS NRAS No.: SDG NO.: NY137929

Matrix (soil/water): WATER Lab Sample ID: 833970

Level (low/med): LOW Date Received: 06/26/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	10.0	U		P
7429-90-5	Aluminum	7900			P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.9	J		P
7440-41-7	Beryllium	1.3	J		P
7440-70-2	Calcium	16800			P
7440-43-9	Cadmium	5.0	U		P
7440-48-4	Cobalt	10.6	J		P
7440-47-3	Chromium	42.1			P
7440-50-8	Copper	4.5	J		P
7439-89-6	Iron	168			P
7439-95-4	Magnesium	6610			P
7439-96-5	Manganese	420			P
7439-97-6	Mercury	0.20	U		CV
7440-23-5	Sodium	36900			P
7440-02-0	Nickel	379			P
7439-92-1	Lead	10.0	U		P
7440-09-7	Potassium	12000			P
7782-49-2	Selenium	35.0	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	36.7	J		P

J

Color Before: colorless Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

Form IA-IN ILM05.4

USEPA-CLP FORMS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISCO MW03

Lab Name: TestAmerica Burlington Contract: 29000

Lab Code: STLVT Case No.: LASS NRAS No.: SDG NO.: NY137929

Matrix (soil/water): WATER Lab Sample ID: 833971

Level (low/med): LOW Date Received: 06/26/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	10.0	U		P
7429-90-5	Aluminum	14000			P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	88.5	J		P
7440-41-7	Beryllium	1.7	J		P
7440-70-2	Calcium	14500			P
7440-43-9	Cadmium	5.0	U		P
7440-48-4	Cobalt	50.0	U		P
7440-47-3	Chromium	21.8			P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	77.9	J		P
7439-95-4	Magnesium	7720			P
7439-96-5	Manganese	24.3			P
7439-97-6	Mercury	0.20	U		CV
7440-23-5	Sodium	22000			P
7440-02-0	Nickel	108			P
7439-92-1	Lead	10.0	U		P
7440-09-7	Potassium	5250			P
7782-49-2	Selenium	35.0	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	16.6	J		P

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Color After: colorless Clarity After: clear Artifacts:

Comments:

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USEPA-CLP FORMS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISCO MW04

Lab Name: TestAmerica Burlington Contract: 29000

Lab Code: STLVT Case No.: LASS NRAS No.: SDG NO.: NY137929

Matrix (soil/water): WATER Lab Sample ID: 833975

Level (low/med): LOW Date Received: 06/26/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	10.0	U		P
7429-90-5	Aluminum	5400			P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	38.4	J		P
7440-41-7	Beryllium	1.0	J		P
7440-70-2	Calcium	20300			P
7440-43-9	Cadmium	5.0	U		P
7440-48-4	Cobalt	50.0	U		P
7440-47-3	Chromium	30.0			P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	43.0	J		P
7439-95-4	Magnesium	8320			P
7439-96-5	Manganese	325			P
7439-97-6	Mercury	0.20	U		CV
7440-23-5	Sodium	31000			P
7440-02-0	Nickel	167			P
7439-92-1	Lead	10.0	U		P
7440-09-7	Potassium	13600			P
7782-49-2	Selenium	35.0	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	33.5	J		P

J

Color Before: colorless Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

Form IA-IN ILM05.4

USEPA-CLP FORMS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISCO MW05

Lab Name: TestAmerica Burlington Contract: 29000

Lab Code: STLVT Case No.: LASS NRAS No.: SDG NO.: NY137929

Matrix (soil/water): WATER Lab Sample ID: 833974

Level (low/med): LOW Date Received: 06/26/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	10.0	U		P
7429-90-5	Aluminum	672			P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	36.1	J		P
7440-41-7	Beryllium	5.0	U		P
7440-70-2	Calcium	18700			P
7440-43-9	Cadmium	5.0	U		P
7440-48-4	Cobalt	50.0	U		P
7440-47-3	Chromium	22.6			P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	19.0	J		P
7439-95-4	Magnesium	10300			P
7439-96-5	Manganese	39.4			P
7439-97-6	Mercury	0.20	U		CV
7440-23-5	Sodium	33800			P
7440-02-0	Nickel	37.9	J		P
7439-92-1	Lead	10.0	U		P
7440-09-7	Potassium	4500	J		P
7782-49-2	Selenium	35.0	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	24.9	J		P

Color Before: colorless Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

Form IA-IN ILM05.4

USEPA-CLP FORMS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISCO MW06

Lab Name: TestAmerica Burlington Contract: 29000

Lab Code: STLVT Case No.: LASS NRAS No.: SDG NO.: NY137929

Matrix (soil/water): WATER Lab Sample ID: 833972

Level (low/med): LOW Date Received: 06/26/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	10.0	U		P
7429-90-5	Aluminum	7540			P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	49.3	J		P
7440-41-7	Beryllium	1.3	J		P
7440-70-2	Calcium	17000			P
7440-43-9	Cadmium	5.0	U		P
7440-48-4	Cobalt	9.7	J		P
7440-47-3	Chromium	39.8			P
7440-50-8	Copper	4.6	J		P
7439-89-6	Iron	160			P
7439-95-4	Magnesium	6520			P
7439-96-5	Manganese	442			P
7439-97-6	Mercury	0.20	U		CV
7440-23-5	Sodium	35700			P
7440-02-0	Nickel	359			P
7439-92-1	Lead	10.0	U		P
7440-09-7	Potassium	11800			P
7782-49-2	Selenium	35.0	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	36.8	J		P

J

Color Before: colorless Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

Form IA-IN ILM05.4

APPENDIX C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:	Invoice to:
Company: Kevin Dyson, PE	Company: (SAME)
Address: PANTHER TECHNOLOGIES INC 220 Route 70 EAST STE 3	Address:
Contact: MEDFORD, NJ 08055	Contact:
Phone: 609 714 2420	Phone:
Fax: 609 714 2495	Fax:
Contract/ Quote:	

ANALYSIS REQUESTED: 524.2 (VOL) ; ILM05.4 (metals)

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 2.5
1 2 3 4 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: JON SIMPSON
Sampler's Signature: [signature]

Proj. No.: J3030d
Project Name: LAWRENCE AVIATION SPFD SITE,
No/Type of Containers²: 500 ml Poly

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	524.2 (VOL)	ILM05.4 (metals)	Lab/Sample ID (Lab Use Only)
W	6/24	0945		X	ISCO MW01	4	1			X	X	
↓	↓	1400		↓	ISCO MW02	↓	1			↓	↓	
		2030			ISCO MW03		1					
		1600			ISCO MW06	↓	1				↓	
	↓				ISCO FB100624	3						
	6/25	0930			ISCO MW05	4	1				X	
	6/25	1330			ISCO MW04	↓	1				X	
	6/25				ISCO FB100625	3				↓		
↓	6/25			↓	TRIP BLANK	3				X		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Remarks
[signature]	6/25	1700	[signature]	6/26/10	0940	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other ______

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: Kevin Dysal, PE
Address: Pantheon Technologies Inc.
220 Route 70 East Suite B
Medford NJ 08055
Contact:
Phone: 609.714 2420
Fax: 609 714 2495
Contract/ Quote:

Invoice to:
Company:
Address: (SAME)
Contact:
Phone:
Fax:

Sampler's Name: Tom Simpson
Sampler's Signature:

Proj. No.: 130300L
Project Name: LAWRENCE AVIATION SPDES SITE.

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 250	P 250 ml	O Other 2	ANALYSIS REQUESTED: TSS / TDS / CL / SULFATES / TOC	Lab/Sample ID (Lab Use Only)
W	6/24			X	ISCO MW01		1	1	2	X	
					ISCO MW02						
					ISCO MW03						
	↓				ISCO MW06						
	6/25				ISCO MW04						
↓	↓				ISCO MW05		↓	↓	↓	↓	

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal Intact: N / Y / N / Y
Screened For Radioactivity: ☐

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/26	1100	Ruth A Daughtry	6/26/10	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: Temp 4.2/4.6
1.280.58916

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube Sl. - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other _____

TAL-6234(1007)