Premier Environmental Services

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

ORGANIC ANALYSES IN AQUEOUS SAMPLES

TEST AMERICA LABORATORIES, INC. SOUTH BURLINGTON, VT

SDG NUMBER: 136424

June, 2010

Prepared for Panther Technologies, Inc. Medford, New Jersey

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

DATA VALIDATION FOR: Volatile Organic Compounds (VOC's)

SITE: Lawrence Aviation Superfund Site

CONTRACT LAB: Test America Laboratories, Inc.

South Burlington, VT

PROJECT NO.: 136424

REVIEWER: Rence Cohen

DATE REVIEW COMPLETED: May, 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 fourteen (14) aqueous samples and one (1) Trip Blank sample. This data assessment is for the organic analyses listed on the COC documents that accompanied the samples to the laboratory. The samples were collected March 17, 2010. The samples were received at Test America Laboratories located in South Burlington, VT. Samples were received at the laboratory on March 19, 2010 for the analyses requested on the COC documentation. The samples in this data set were analyzed for Volatile Organic Analytes (VOA) in accordance with USEPA CLP Method SOM01.2 for trace level analyses.

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 Low Level Soil sample analyses and USEPA CLP Method SOM01.2 for Trace Level Water Analyses. Test America Laboratories generated a stand-alone report for each sample matrix in compliance with the cited documents. A summary of the applicable QC will be discussed at each section of the report.

Laboratory report 136424 consists of fourteen (14) aqueous samples and one (1) Trip Blank sample. The Chain of Custody documents listed the field sample ID's that are summarized in Table 1 of this report. All of the samples in this data set were analyzed for Trace Level Volatile Organic 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. 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 laboratory report 136464 were collected March 17, 2010 and received at the laboratory on March 19, 2010. All of the aqueous field sample analyses associated with this data set were completed by March 24, 2010. All sample analyses were completed within the method 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

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.

Each of the aqueous samples in this data set was fortified with thirteen (13) DMC's prior to analysis. The method cites recovery limits for each surrogate. The percent recovery of each surrogate met the method specified QC criteria in each of the field and QC samples associated with this data set with the exception of the surrogate compound 1,2-Dichloroethane-d4 in samples:

D=0 1.5% MEDIUM, D=0 1.75% MEDIUM, D=0 1.75% HIGH, D=0 2.0% MEDIUM, D=0 2.0% HIGH

The recovery of this surrogate in these samples was above QC limits. Based on the cited validation guidelines the target analytes associated with 1,2-Dichloroethane-d4 have been qualified "J" when detected in these samples.

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

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 no reported with the samples in this data set.

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

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.

A) Method Blank contamination

Three (3) method blank samples are associated with the Trace Level Volatile Organic analyses (aqueous samples) in this data set. Each of these method blank samples was free from contamination of target analytes with the exception of the following:

VBLK ID	Date of Analysis	Analyte	Concentration
VBLKMO	3/21/10	1,2,3-Trichlorobenzene	0.20 J
		Unknown	Retention Time: 10.39
VBLKMP	3/22/10	Unknown	Retention Time: 10.40
VBLKJR	3/24/10	Acetone	1.2
		Unknown	Retention Time: 7.01

Each of these method blank samples contained one (1) unknown Tentatively Identified Compound (TIC). This TIC has been qualified "J" estimated and "X" to indicate a contaminant this is related to the Deuterated Monitoring Compound (DMC) and column bleed. When the associated target analytes and this unknown Tentatively Identified Compound were detected in the aqueous samples they have been negated and qualified "U".

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

The aqueous storage blank sample associated with the soils in this data set is identified as VHBLK01. This storage blank sample is free from contamination of target analytes. This storage blank sample contains one (1) TIC at Retention Time 7:02 (2.1 JXB ug/l). This is the TIC that was identified in the associated method blank sample and been previously negated in each of the aqueous samples and qualified "U".

B) Field or Equipment Rinse Blank (ERB) contamination

A Field Blank sample is not associated with this data set.

C) Trip Blank contamination

The Trip Blank sample (823203) was analyzed with this data set. The Trip Blank sample was free from contamination of all target analytes. One (1) unknown TIC at retention time 10.40 was detected in this sample. This unknown was also detected in the associated method blank sample. This unknown TIC has been qualified "BJ" estimated and "X" to indicate a contaminant this is related column bleed. This unknown compound has been negated and qualified "U".

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 March 17, 2010 (Inst. M.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.

A second calibration curve analysis was performed on March 23, 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.

The aqueous samples in this data set were analyzed on three (3) days. An opening and closing CCV standard is 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 March 17, 2010 (Inst. M.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.

A second calibration curve analysis was performed on March 23, 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 on three (3) days. An opening and closing CCV standard is reported on each day of analysis. The %Difference criteria for each of the opening and closing CCV standards met the QC criteria specified in the cited data validation guidelines.

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 \pm 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.

Fourteen (14) aqueous 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.

The following samples were initially analyzed with at a secondary dilution to report the concentration of target analytes on March 21, 2010. The laboratory performed a more concentrated analysis on March 22, 2010 to report the other target analytes with a lower detection limit.

D=0 1.5% MEDIUM D=0 1.5% HIGH D=0 1.75% MEDUM D=0 1.75% HIGH D=0 2.0% MEDIUM D=0 2.0% HIGH

Sample D=0 1.5% MEDIUM was analyzed and reported using a 1:4.9 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:56.4 dilution to report the concentration of Trichloroethene (600 D ug/l) detected at this sample point.

Sample D=0 1.5% HIGH was analyzed and reported using a 1:3.9 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:44 dilution to report the concentration of Trichloroethene (480 D ug/l) detected at this sample point.

9. COMPOUND IDENTIFICATION (cont'd):

Sample D=0 1.75% MEDIUM was analyzed and reported using a 1:4.9 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:57.1 dilution to report the concentration of Trichloroethene (630 D ug/l) detected at this sample point.

Sample D=0 1.75% HIGH was analyzed and reported using a 1:4.1 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:47.6 dilution to report the concentration of Trichloroethene (570 D ug/l) detected at this sample point.

Sample D=0 2.0% HIGH was analyzed and reported using a 1:4.7 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:53.7 dilution to report the concentration of Trichloroethene (570 D ug/l) detected at this sample point.

Sample D=0 2.0% MEDIUM was analyzed and reported using a 1:5 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:57.1 dilution to report the concentration of Trichloroethene (670 D ug/l) detected at this sample point.

Sample D=0 CONTROL was analyzed and reported using a 1:5.5 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:63.8 dilution to report the concentration of Trichloroethene (920 D ug/l) detected at this sample point.

Sample D=3 1.5% MEDIUM was analyzed and reported without dilution. In this analysis the concentration of Methylene Chloride exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:1.9 dilution to report the concentration of Methylene Chloride (22 D ug/l) detected at this sample point.

Sample D=3 1.75% MEDIUM was analyzed and reported without dilution. In this analysis the concentration of Methylene Chloride exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:2 dilution to report the concentration of Methylene Chloride (21 D ug/l) detected at this sample point.

Sample D=3 CONTROL was analyzed and reported using a 1:5.4 dilution in order to report target analytes at the lowest reporting limit. In this analysis the concentration of Trichloroethene exceeded the calibration range of the GC/MS. The sample was initially analyzed using a 1:62.9 dilution to report the concentration of Trichloroethene (880 D ug/l) detected at this sample point.

10. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. Field duplicate results are expected to have more variability than laboratory duplicate samples. Field duplicate samples are not associated with 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. All data provided for this data set is acceptable for use, with noted data qualifiers.

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

TABLE 1

LABORATORY ID FIELD SAMPLE ID D=0 1.5% MEDIUM 823189 823190 D=0 1.5% HIGH D=0 1.75% MEDIUM 823191 D=0 1.75% HIGH 823192 D=0 2.0% MEDIUM 823193 D=0 2.0% HIGH 823194 D=0 CONTROL 823195 D=3 1.5% MEDIUM 823196 D=3 1.5% HIGH 823197 D=3 1.75% MEDIUM 823198 D=3 1.75% HIGH 823199 D=3 2.0% MEDIUM 823200 D=3 2.0% HIGH 823201 D=0 CONTROL 823202 TRIP BLANK 823203 VHBLK01 823204

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

D01.5HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823190

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823190D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 3.9

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

Purge Volume: 25.0 (mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
		=======================================	=======
75-71-8	Dichlorodifluoromethane	2.0	ן ט
74-87-3	Chloromethane	2.0	טן
75-01-4	Vinyl chloride	2.0	บ
74-83-9	Bromomethane	2.0	ן ט
75-00-3	Chloroethane	2.0	ן ט
	Trichlorofluoromethane	2.0	ט
	1,1-Dichloroethene	2.0	ן ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
67-64-1	Acetone	18	J
75-15-0	Carbon disulfide	2.0	ן ט
79-20-9	Methyl acetate	2.0	ט
75-09-2	Methylene chloride	2.6	
156-60-5	trans-1,2-Dichloroethene	2.0	<u> </u>
1634-04-4	Methyl tert-butyl ether	2.0	ן ט
	1,1-Dichloroethane	2.0	ט
	cis-1,2-Dichloroethene	2.0	ប
	2-Butanone	20	ן ט
	Bromochloromethane	2.0	ט
67-66-3	Chloroform	2.0	บ
71-55-6	1,1,1-Trichloroethane	2.0	ับ
110-82-7	-2	2.0	ט
	Carbon tetrachloride	2.0	ט
	Benzene	2.0	ט
107-06-2	1,2-Dichloroethane	2.0	ซ
l			1

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

SDG: 136424

EPA SAMPLE NO.
D01.5HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823190

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823190D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 3.9

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

Purge Volume: 25.0 (mL)

,		CONCENTRATION UNITS:	
ļ i			
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
========	=======================================		
75-71-8	Dichlorodifluoromethane	2.0	U
		2.0	ט
75-01-4	Vinyl chloride	2.0	ט
74-83-9	Bromomethane	2.0	ט
75-00-3	Chloroethane	2.0	U
75-69-4	Trichlorofluoromethane	2.0	ט
75-35-4	1,1-Dichloroethene	2.0	ן ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	ט
67-64-1	Acetone	18) J
75-15-0	Carbon disulfide	2.0	ט
79-20-9	Methyl acetate	2.0	ט
75-09-2		2.6	
	trans-1,2-Dichloroethene	2.0	U
1634-04-4	Methyl tert-butyl ether	2.0	ט
	1,1-Dichloroethane	2.0	ן ט
156-59-2	cis-1,2-Dichloroethene	2.0	ט
		j 20	ן ט
74-97-5	Bromochloromethane	2.0	ט
67-66-3	Chloroform	2.0	ן ט
71-55-6	1,1,1-Trichloroethane	2.0	ן ט
110-82-7	Cyclohexane	2.0	ן ט
		2.0	ן ט
71-43-2	Benzene	2.0	ט
107-06-2	1,2-Dichloroethane	2.0	ן ט
	·		1

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

EPA SAMPLE NO. D01.5HIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823190

Sample wt/vol: 25.0

(g/ml) ml

Lab File ID: 823190D2

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53

Dilution Factor: 3.9 (mm)

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

l l		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================			22022203
79-01-6	Trichloroethene	380	E
108-87-2	Methylcyclohexane	2.0	U
78-87-5	1,2-Dichloropropane	2.0	ן ט
75-27-4	Bromodichloromethane	2.0	ן ט
10061-01-5	cis-1,3-Dichloropropene	2.0	ט
108-10-1		20	ן ט
108-10-1	Toluene	2.0	ប
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5		2.0	ט
127-18-4		4.8	
	2-Hexanone	20	U
124-48-1	Dibromochloromethane	j 2.0	ט
106-93-4		2.0	T T
108-90-7	1	2.0	ן ט
100-41-4		2.0	ן ט
95-47-6	o-Xylene	2.0	ן ס
179601-23-1	m,p-Xylene	2.0	0
100-42-5	Styrene	2.0	ן ט
75-25-2	Bromoform	2.0	טן
98-82-8		2.0	U
	1,1,2,2-Tetrachloroethane	2.0	ט
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	ן ט
95-50-1	1,2-Dichlorobenzene	2.0	ט
96-12-8	1,2-Dibromo-3-chloropropane	2.0	ן ס
120-82-1		2.0	· 0
87-61-6	1,2,3-Trichlorobenzene	2.0	U

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

D01.5HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823190

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823190D2

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 3.9

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
		=======	=========	=====
	Unknown	10.40	15	JXB-
		<u> </u>		
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	110000000000000000000000000000000000000			
E966796(1)	Total Alkanes	N/A		1

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D01.5HIGHDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823190D1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823190D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53

(mm)

Dilution Factor: 44.0

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
	******************************	=======================================	
75-71-8	Dichlorodifluoromethane	22	U
74-87-3	Chloromethane	22	ט
75-01-4	Vinyl chloride	22	U
74-83-9	Bromomethane	22	ן ט
75-00-3	Chloroethane	22	ט
75-69-4	Trichlorofluoromethane	22	Ū
75-35-4	1,1-Dichloroethene	22	ប
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22	ט
67-64-1		220	ប
75-15-0	Carbon disulfide	22	ט
	Methyl acetate	22	U
75-09-2	Methylene chloride	22) U
156-60-5	trans-1,2-Dichloroethene	22	ט
1634-04-4	Methyl tert-butyl ether	22	ט
75-34-3		22	ט (
156-59-2	cis-1,2-Dichloroethene	22	ט
78-93-3	2-Butanone	220	ប
74-97-5	Bromochloromethane	22	ן ס ∤
67-66-3	Chloroform	22	ט
71-55-6	1,1,1-Trichloroethane	22	ט
110-82-7	Cyclohexane	22	ט
56-23-5	Carbon tetrachloride	22	U
71-43-2	Benzene	22	ן ס
107-06-2	1,2-Dichloroethane	22	U
			l

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

BPA SAMPLE NO. D01.5HIGHDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823190D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823190D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 44.0

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

Purge Volume: 25.0 (mL)

			,
		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
			=======
79-01-6	Trichloroethene	480	D
108-87-2	Methylcyclohexane	22	ם
78-87-5		22	ן ש
75-27-4	Bromodichloromethane	22	ט
10061-01-5	cis-1,3-Dichloropropene	22	U
108-10-1	4-Methyl-2-pentanone	220	ט
108-88-3	Toluene	22	ט
	trans-1,3-Dichloropropene	22	ס
79-00-5	1,1,2-Trichloroethane	22	U
127-18-4		22	ט
	2-Hexanone	į 220	ן ס
	Dibromochloromethane	j 22	ט
	1,2-Dibromoethane	22	ט
	Chlorobenzene	22	U
	Ethylbenzene	22	ן ט
95-47-6		22	ט
179601-23-1	m,p-Xylene	j 22	ן ט
100-42-5	Styrene	22	ט
75-25-2	1 •	22	ן ט
	Isopropylbenzene	22	U
70-24-5	1,1,2,2-Tetrachloroethane	22	U
/3-34-5 E41-72-1	1,3-Dichlorobenzene	22	Ū
106 46-7	1,4-Dichlorobenzene	22	U
100-40-7	1,2-Dichlorobenzene	22	ָוֹ <u>ט</u>
35-50-1	1,2-Dibromo-3-chloropropane	22	ט
120-02-1	1,2,4-Trichlorobenzene	22	U
87-61-6	1,2,3-Trichlorobenzene	22	U
97-01-0	1,2,3-1110111010001100110		.i
l	, I <u></u>	. 1	

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

EPA SAMPLE NO.
D01.5HIGHDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823190D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823190D

Level: (TRACE or LOW/MED) TRACE

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53

(mm) Dilution Factor: 44.0

Purge Volume: 25.0

N/A

(uL)

Soil Extract Volume:

(uL) Soil Aliquot Volume:

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======	=======================================	=====
	Unknown	10.39	160	JXBD
	omaio	The state of the s	520250	
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100000000000000000000000000000000000000			-	-
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-		-		
		-		-

(1) EPA-designated Registry Number.

E966796(1)

Total Alkanes

EPA SAMPLE NO. D01.5MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823189

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823189D2

Soil Aliquot Volume:

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 4.9

(uL)

Soil Extract Volume:

Purge Volume: 25.0

(uL) (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
		=======================================	*======
75-71-8	Dichlorodifluoromethane	2.5	U
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl chloride	2.5	U
	Bromomethane	2.5	ļσ
	Chloroethane	2.5	ū
75-69-4	Trichlorofluoromethane	2.5	U
75-35-4	1,1-Dichloroethene	2.5	ū
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U
		17	J
	Carbon disulfide	2.5	ן ט
	Methyl acetate	2.5	ן ט
75-09-2		2.8	
156-60-5		2.5	U
	Methyl tert-butyl ether	2.5	U
1634-04-4	1,1-Dichloroethane	2.5	U
15-34-3	cis-1,2-Dichloroethene	1.1	J
	2-Butanone	25	U
78-93-3	Bromochloromethane	2.5	U
		2.5	U
67-66-3	Chloroform	2.5	U
/1-55-6	1,1,1-Trichloroethane	2.5	U
110-82-7	Cyclohexane	2.5	U
	Carbon tetrachloride	2.5	U
	Benzene 1,2-Dichloroethane	2.5	U
107-06-2	1,2-Dichiolochane		

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

EPA SAMPLE NO. DO1.5MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823189

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823189D2

Soil Aliquot Volume:

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm)

Purge Volume: 25.0

Dilution Factor: 4.9

(uL)

Soil Extract Volume:

(uL) (mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================		****	
79-01-6	Trichloroethene	490	E
108-87-2	Methylcyclohexane	2.5	U
78-87-5	1,2-Dichloropropane	2.5	ט
75-27-4	Bromodichloromethane	2.5	ט
10061-01-5	cis-1,3-Dichloropropene	2.5	ט
	4-Methyl-2-pentanone	25	טן
108-88-3	Toluene	2.5	ן ט
10061-02-6	trans-1,3-Dichloropropene	2.5	U
79-00-5	1,1,2-Trichloroethane	2.5	ซ
127-18-4	Tetrachloroethene	5.1	
	2-Hexanone	25	ן ט
124-48-1	Dibromochloromethane	2.5	ן ט
106-93-4	1,2-Dibromoethane	2.5	ט
108-90-7	Chlorobenzene	2.5	ט
100-41-4	Ethylbenzene	2.5	ט
95-47-6		j 2.5	ט
179601-23-1		2.5	ט (
100-42-5	Styrene	2.5	ן ט
75-25-2	Bromoform	2.5	ט
98-82-8	Isopropylbenzene	2.5	ט
79-34-5	Isopropylbenzene 1,1,2,2-Tetrachloroethane	2.5	ען
	1,3-Dichlorobenzene	2.5	ט
	1,4-Dichlorobenzene	2.5	ן ט
95-50-1	1,2-Dichlorobenzene	2.5	ן ט
	1,2-Dibromo-3-chloropropane	2.5	ן ט
120-82-1		2.5	ប
87-61-6	1,2,3-Trichlorobenzene	2.5	ן ט

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

D01.5MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823189

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823189D2

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.9

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
=======================================	== ==================================		==========	=====
	Unknown	10.40	21	JXB
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				-
				.
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

DO1.5MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823189D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823189D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 56.4

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

Purge Volume: 25.0 (mL)

CAS NO.				
CAS NO.				
75-71-8 Dichlorodifluoromethane 74-87-3 Chloromethane 75-01-4 Vinyl chloride 74-83-9 Bromomethane 75-00-3 Chloroethane 75-69-4 Trichlorofluoromethane 75-35-4 1,1-Dichloroethene 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 75-15-0 Carbon disulfide 79-20-9 Methyl acetate 75-09-2 Methylene chloride 156-60-5 trans-1,2-Dichloroethene 1634-04-4 Methyl tert-butyl ether 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 78-93-3 2-Butanone 74-97-5 Bromochloromethane 75-66-3 Chloroform 71-55-6 1,1,1-Trichloroethane 75-23-5 Carbon tetrachloride 28 U 28 U 29 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 28 U 28 U 28 U 29 U 20 U 20 U 21 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 28 U 28 U 28 U 29 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 28	CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	-
75-71-8 Dichlorodifluoromethane 74-87-3 Chloromethane 75-01-4 Vinyl chloride 75-00-3 Chloroethane 75-69-4 Trichlorofluoromethane 75-35-4 1,1-Dichloroethene 76-13-1 1,2-Trichloro-1,2,2-trifluoroethane 75-15-0 Carbon disulfide 79-20-9 Methyl acetate 75-09-2 Methylene chloride 156-60-5 trans-1,2-Dichloroethene 156-59-2 cis-1,2-Dichloroethene 156-59-2 cis-1,2-Dichloroethene 156-59-3 Cis-1,2-Dichloroethene 156-66-3 Chloroform 1,1,1-Trichloroethane 10-82-7 Cyclohexane 10-82-7 Carbon tetrachloride 28 U 28 U 28 U 28 U 29 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 28 U 28 U 29 U 20 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 28 U 28 U 28 U 29 U 20 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 28 U 28 U 28 U 29 U 20		**************************		
74-87-3 Chloromethane 28 U 75-01-4 Vinyl chloride 28 U 74-83-9 Bromomethane 28 U 75-00-3 Chloroethane 28 U 75-69-4 Trichlorofluoromethane 28 U 75-35-4 1,1-Dichloroethene 28 U 67-64-1 Acetone 28 U 75-15-0 Carbon disulfide 28 U 75-15-0 Methyl acetate 28 U 75-09-2 Methylenc chloride 28 U 156-60-5 trans-1,2-Dichloroethene 28 U 156-40-5 trans-1,2-Dichloroethene 28 U 156-59-2 cis-1,2-Dichloroethane 28 U 78-93-3 2-Butanone 28 U 74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 28 U 10-82-7 Cyclohexane 28 U 71-43-2 Benzene U	75-71-8	Dichlorodifluoromethane		_
75-01-4 Vinyl chloride 28 U 74-83-9 Bromomethane 28 U 75-00-3 Chloroethane 28 U 75-69-4 Trichlorofluoromethane 28 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 28 U 76-13-1 Acetone 28 U 75-15-0 Carbon disulfide 28 U 79-20-9 Methyl acetate 28 U 156-60-5 trans-1,2-Dichloroethene 28 U 156-59-2 cis-1,2-Dichloroethane 28 U 156-59-2 Carbon disulfide 28 U 28	74-87-3	Chloromethane		_
74-83-9 Bromomethane 28 U 75-00-3 Chloroethane 28 U 75-69-4 Trichlorofluoromethane 28 U 75-35-4 1,1-Dichloroethene 28 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 28 U 67-64-1 Acetone 28 U 75-15-0 Carbon disulfide 28 U 79-20-9 Methyl acetate 28 U 75-09-2 Methylene chloride 28 U 156-60-5 trans-1,2-Dichloroethene 28 U 1534-04-4 Methyl tert-butyl ether 28 U 75-34-3 1,1-Dichloroethane 28 U 156-59-2 cis-1,2-Dichloroethene 28 U 78-93-3 2-Butanone 28 U 71-55-6 1,1,1-Trichloroethane 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 28 U 10-82-7 Cyclohexane 28 U 70-23-5 <t< td=""><td>75-01-4</td><td>Vinyl chloride</td><td></td><td>, •</td></t<>	75-01-4	Vinyl chloride		, •
75-00-3 Chloroethane 28 U 75-69-4 Trichlorofluoromethane 28 U 75-35-4 1,1-Dichloroethene 28 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 28 U 280 U	74-83-9	Bromomethane		, -
75-69-4 Trichlorofluoromethane 28 U 75-35-4 1,1-Dichloroethene 28 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 28 U 67-64-1 Acetone 28 U 75-15-0 Carbon disulfide 28 U 75-15-0 Methyl acetate 28 U 75-09-2 Methyl acetate 28 U 156-60-5 trans-1,2-Dichloroethene 28 U 1634-04-4 Methyl tert-butyl ether 28 U 75-34-3 1,1-Dichloroethane 28 U 156-59-2 cis-1,2-Dichloroethene 28 U 78-93-3 2-Butanone 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 28 U 110-82-7 Cyclohexane 28 U 56-23-5 Carbon tetrachloride 28 U 71-43-2 Benzene 29 U	75-00-3	Chloroethane		
75-35-4	75-69-4	Trichlorofluoromethane		, -
76-13-1	75-35-4	1 1-Dichloroethene		, -
67-64-1 Acetone 75-15-0 Carbon disulfide 79-20-9 Methyl acetate 75-09-2 Methylene chloride 156-60-5 trans-1,2-Dichloroethene 1634-04-4 Methyl tert-butyl ether 28 U 156-59-2 cis-1,2-Dichloroethene 28 U 156-59-2 cis-1,2-Dichloroethene 28 U 28 U 29 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 27 U 28 U 28 U 29 U 20 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 27 U 28 U 28 U 28 U 29 U 20 U 21 U 22 U 23 U 24 U 25 U 26 U 27 U 27 U 28	75-13-1	1 1 2-Trichloro-1.2.2-trifluoroethane		, -
75-15-0 Carbon disulfide 79-20-9 Methyl acetate 75-09-2 Methylene chloride 156-60-5 trans-1,2-Dichloroethene 1634-04-4 Methyl tert-butyl ether 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 28 U 78-93-3 2-Butanone 28 U 74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 71-55-6 1,1,1-Trichloroethane 110-82-7 Cyclohexane 56-23-5 Carbon tetrachloride 71-43-2 Benzene				. •
79-20-9 Methyl acetate 75-09-2 Methylene chloride 156-60-5 trans-1,2-Dichloroethene 1634-04-4 Methyl tert-butyl ether 28 U 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 28 U 78-93-3 2-Butanone 28 U 74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 71-55-6 1,1,1-Trichloroethane 110-82-7 Cyclohexane 56-23-5 Carbon tetrachloride 71-43-2 Benzene				
75-09-2 Methylene chloride 156-60-5 trans-1,2-Dichloroethene 1634-04-4 Methyl tert-butyl ether 28 U 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 28 U 78-93-3 2-Butanone 28 U 74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 110-82-7 Cyclohexane 56-23-5 Carbon tetrachloride 71-43-2 Benzene	75-15-0	Mathyl acetate	28	
156-60-5	75-20-3	Methylene chloride	28	. –
1634-04-4	15-03-2	trans-1 2-Dichloroethene	j 28	
75-34-3	150-00-5	Methyl tert-butyl ether	28	1 -
156-59-2 cis-1,2-Dichloroethene 280 U 78-93-3 2-Butanone 28 U 74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 28 U 110-82-7 Cyclohexane 28 U 56-23-5 Carbon tetrachloride 28 U 71-43-2 Benzene 28 U	1034-04-4	1 1 Dichloroethane	28	ן ט
78-93-3 2-Butanone 28 U 74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 28 U 110-82-7 Cyclohexane 28 U 56-23-5 Carbon tetrachloride 28 U 71-43-2 Benzene 28 U	75-34-3	i.i. 1 2-Dichloroethere	28	ט
74-97-5 Bromochloromethane 28 U 67-66-3 Chloroform 28 U 71-55-6 1,1,1-Trichloroethane 28 U 110-82-7 Cyclohexane 28 U 56-23-5 Carbon tetrachloride 28 U 71-43-2 Benzene 28 U			280	U
67-66-3 Chloroform 71-55-6 1,1,1-Trichloroethane 110-82-7 Cyclohexane 56-23-5 Carbon tetrachloride 71-43-2 Benzene 28 U U U U U U U U U U U U U U U U U U U			28	ט
71-55-6 1,1,1-Trichloroethane 28 U 10-82-7 Cyclohexane 28 U 56-23-5 Carbon tetrachloride 28 U 28			28	טו
110-82-7 Cyclohexane		Chiorocorm	28	טו
110-82-7 Cyclonexane	71-55-6	1,1,1-Trichtoroethane	28	Ü
71-43-2 Benzene 28 U		Cyclonexane		Ū
71-43-2 Benzene	1			Ū
107-06-2 1.2-D1chloroechane				1 -
1 1 1	107-06-2	1,2-Dichloroethane		1

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

EPA SAMPLE NO. D01.5MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823189D1

Sample wt/vol: 25.0 (g/mL) mL

Lab Code: STLV Case No.: LASS

Lab File ID: 823189D

Date Received: 03/19/2010 Level: (TRACE/LOW/MED) TRACE

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 56.4

(uL) Soil Aliquot Volume:

Soil Extract Volume: Purge Volume: 25.0

(uL) (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
			222222
79-01-6	Trichloroethene	600	D
108-87-2	Methylcyclohexane	28	U
78-87-5	1,2-Dichloropropane	28	ש
75-27-4	Bromodichloromethane	28	ט
10061-01-5	cis-1,3-Dichloropropene	28	ן ט
108-10-1	4-Methyl-2-pentanone	280	ט
108-88-3	Toluene	28	ן ט ן
	trans-1,3-Dichloropropene	j 28	U
79-00-5		28	ן ט
127-18-4	Tetrachloroethene	28	ū
591-78-6	2-Hexanone	280	U
124-48-1	Dibromochloromethane	28	U
106-93-4	1,2-Dibromoethane	28	ט
108-90-7		28	U
100-41-4	Ethylbenzene	28	U
95-47-6] 28	ן ט
179601-23-1	m,p-Xylene	28	ן ט
100-42-5	Styrene	28	α
75-25-2	Bromoform	28	ן ט
98-82-8	Isopropylbenzene	j . 28	U
79-34-5		28	טן
541-73-1	1,3-Dichlorobenzene	28	ן ט
106-46-7	1,4-Dichlorobenzene	28	ן ט
95-50-1		28	ן ט
96-12-8	1,2-Dibromo-3-chloropropane	28	ן ש
120-82-1	1,2,4-Trichlorobenzene	28	ן ט
87-61-6	1,2,3-Trichlorobenzene	28	ן ט
			.1

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

EPA SAMPLE NO.

D01.5MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823189D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823189D

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 56.4

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
	•		==========	=====
	Unknown	10.40	210	JXBD
		_		
200				
		-		
			-	
		_		
		_		
		_		
		_		
		_	-	-
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		_		
		7.4		
				-
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		-		
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		_	.	
		_		
		_		
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO.
D01.75MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823191

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823191D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.9

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	860
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
		=======================================	=======
75-71-8	Dichlorodifluoromethane	2.5	U
74-87-3	Chloromethane	2.5	Ū
75-01-4	Vinyl chloride	2.5	U
74-83-9	Bromomethane	2.5	U
75-00-3	Chloroethane	2.5	ū
	Trichlorofluoromethane	2.5	U
	1,1-Dichloroethene	2.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U
	Acetone	22	J
75-15-0	Carbon disulfide	2.5	U
79-20-9	Methyl acetate	2.5	U
	Methylene chloride	2.4	J
	trans-1,2-Dichloroethene	2.5	U
1634-04-4		2.5	U
	1,1-Dichloroethane	2.5	U
	cis-1,2-Dichloroethene	1.0	J
	2-Butanone	25	U
74-97-5	Bromochloromethane	2.5	U
67-66-3	Chloroform	2.5	U
	1,1,1-Trichloroethane	2.5	U
110-82-7	Cyclohexane	2.5	U
	Carbon tetrachloride	2.5	U
71-43-2	Benzene	2.5	U
107-06-2	1,2-Dichloroethane	2.5	U

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

EPA SAMPLE NO. D01.75MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823191

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823191D2

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624

ID: 0.53 (mm) Dilution Factor: 4.9

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		CONCENTRATION UNITS:	
a.a. w	COMPOUND	(ug/L or ug/kg) ug/L	. Q
CAS NO.			
79-01-6	Trichloroethene	470	E
	Methylcyclohexane	2.5	<u>a</u>
108-87-2 78-87-5		2.5	1 🖳
78-87-3	Bromodichloromethane	2.5	ן ט
	cis-1,3-Dichloropropene	2.5	ן ט
10061-01-5	4-Methyl-2-pentanone	25	ן ט
108-10-1		2.5	ם
108-88-3		1 2.5	0
10061-02-6	l • • •	2.5	ס
79-00-5	1,1,2-Trichioroechane	4.7	
127-18-4		25	ן ס
591-78-6	2-Hexanone	2.5	ן ס
	Dibromochloromethane	2.5	ן ס
106-93-4	1 := -	2.5	ן ט
108-90-7		2.5	U
100-41-4		2.5	U
95-47-6	o-Xylene	2.5	ט
179601-23-1	m,p-Xylene	2.5	
100-42-5		2.5	•
75-25-2	Bromoform	2.5	
98-82-8	Isopropylbenzene	2.5	
79-34-5	1,1,2,2-Tetrachloroethane	2.5	
541-73-1	1,3-Dichlorobenzene	2.5	
106-46-7	1,4-Dichlorobenzene	2.5	1 -
95-50-1	1,2-Dichlorobenzene	2.5	
96-12-8		2.5	
120-82-1	1,2,4-Trichlorobenzene	2.5	1
87-61-6	1,2,3-Trichlorobenzene	1	· -

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

EPA SAMPLE NO.

D01.75MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823191

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823191D2

Soil Aliquot Volume:

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53

Dilution Factor: 4.9 (mm)

(uL)

Soil Extract Volume:

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

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
=======================================	-Unknown	10.40	20	JXB
	UHRHOWH	10.40	20	OAD
			-	
				-
		The second second		-
				-
			-	
				-
				1
E966796(1)	Total Alkanes	N/A		-

(uL)

(1) EPA-designated Registry Number.

EPA SAMPLE NO. DO1.75MEDDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823191D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823191D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010 Date Analyzed: 03/21/2010

% Moisture: not dec.

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 57.1

(uL)

Soil Aliquot Volume:

(uL)

Soil Extract Volume: Purge Volume: 25.0

(mL)

, ————		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(uq/L or ug/kg) ug/L	Q
LAS NO.			
75-71-8	Dichlorodifluoromethane	29	ט
74-87-3	Chloromethane	29	ט
	Vinyl chloride	29	Ū
	Bromomethane	29	U
		29	ט
75-00-3	Chloroethane	29	U
75-69-4	Trichlorofluoromethane	29	i u
75-35-4	1,1-Dichloroethene	29	ש
	1,1,2-Trichloro-1,2,2-trifluoroethane	290	Ü
	Acetone	29	lü
	Carbon disulfide	29	ij
79-20-9		29	Ö
75-09-2	Methylene chloride		ם ו
	trans-1,2-Dichloroethene	29 29	
1634-04-4			U
	1,1-Dichloroethane	29	ן ט ו
	cis-1,2-Dichloroethene	29	, -
	2-Butanone	290	ט
74-97-5	Bromochloromethane	29	Ū
67-66-3	Chloroform	29	ן ס
	1,1,1-Trichloroethane	29	ן ט
	Cyclohexane	29	ן ט
	Carbon tetrachloride	29	טן
	Benzene	29	ן ט
107-06-2		29	ט
	·		

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

EPA SAMPLE NO.
D01.75MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823191D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823191D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec.
Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 57.1

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

Purge Volume: 25.0 (mL)

1		CONCENTRATION UNITS:	<u> </u>
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
==========	**************************************		=======
79-01-6	Trichloroethene	630	D
108-87-2	Methylcyclohexane	29	U
78-87-5	1,2-Dichloropropane	29	U
75-27-4	Bromodichloromethane	29	U
10061-01-5	cis-1,3-Dichloropropene	29	បែ
108-10-1		290	ט
108-88-3	Toluene	29	U
10061-02-6	trans-1,3-Dichloropropene	29	ט
79-00-5	1,1,2-Trichloroethane	29	ប
127-18-4	Tetrachloroethene	29	ן ט
591-78-6	2-Hexanone	290	ט
124-48-1	Dibromochloromethane	29	ט
106-93-4	1,2-Dibromoethane	29	ប
108-90-7	Chlorobenzene	29	ן ט
100-41-4	Ethylbenzene	29	ប
95-47-6	o-Xylene	29	ט (
179601-23-1	m,p-Xylene	29	ប
100-42-5	Styrene	29	ט
75-25-2	Bromoform	29	ט
98-82-8	Isopropylbenzene	29	ן ט
79-34-5		29	ט (
	1,3-Dichlorobenzene	29	ט
106-46-7	1,4-Dichlorobenzene	29	ט (
95-50-1	1,2-Dichlorobenzene	29	U
96-12-8	1,2-Dibromo-3-chloropropane	29	U
120-82-1	1,2,4-Trichlorobenzene	29	ט
87-61-6	1,2,3-Trichlorobenzene	29	ט
1		!	l

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

EPA SAMPLE NO. D01.75MEDDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823191D1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823191D

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

Soil Aliquot Volume:

GC Column: DB-624 ID: 0.53

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

(mm) Dilution Factor: 57.1

(uL)

Soil Extract Volume:

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======	=========	=====
	Unknown	10.40	210	JXBD
			0.000	
Proportion and the second				
E966796(1)	Total Alkanes	N/A		-

(uL)

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D01.75HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823192

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823192D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.1

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

Purge Volume: 25.0 (mL)

2		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
		=======================================	
75-71-8	Dichlorodifluoromethane	2.1	Ū
	Chloromethane	2.1	U
	Vinyl chloride	2.1	
74-83-9	Bromomethane	2.1	U
75-00-3	Chloroethane	2.1	1.0
75-69-4	Trichlorofluoromethane	2.1	. 0.750
	1,1-Dichloroethene	2.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.1	U
	Acetone	30	
	Carbon disulfide	2.1	U
79-20-9	Methyl acetate	2.1	U
	Methylene chloride	2.5	
	trans-1,2-Dichloroethene	2.1	U
	Methyl tert-butyl ether	2.1	U
	1,1-Dichloroethane	2.1	U
	cis-1,2-Dichloroethene	0.85	J
	2-Butanone	21	U
	Bromochloromethane	2.1	U
	Chloroform	2.1	U
	1,1,1-Trichloroethane	2.1	U
	Cyclohexane	2.1	U
56-23-5	Carbon tetrachloride	2.1	U
	Benzene	2.1	U
107-06-2		2.1	U

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

EPA SAMPLE NO.

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823192

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823192D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

* Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.1

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

Purge Volume: 25.0 (mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
2222323333	********************************	2222222222222222	
79-01-6	Trichloroethene	410	E
108-87-2	Methylcyclohexane	2.1	ט
78-87-5	1,2-Dichloropropane	2.1	ט
75-27-4	l 1	2.1	U
10061-01-5		2.1	ט
108-10-1	4-Methyl-2-pentanone	21	ט
108-88-3	Toluene	2.1	ט
10061-02-6	•	2.1	ט
	1,1,2-Trichloroethane	2.1	ן ט
127-18-4	Tetrachloroethene	4.7	l
591-78-6		21	ן ט
	Dibromochloromethane	2.1	U
106-93-4		j 2.1	ט
	Chlorobenzene	2.1	ן ס (
100-41-4		2.1	ט
	o-Xylene	2.1	ט
179601-23-1	m n-Xvlene	2.1	ט
100-42-5	Styrene	2.1	ט
75-25-2	Bromoform	2.1	ט
98-82-8		2.1	ן ס
	1,1,2,2-Tetrachloroethane	2.1	ט
541-73-1	1,3-Dichlorobenzene	2.1	ן ט
106-46-7	1,4-Dichlorobenzene	2.1	ן ס
95-50-1	1,2-Dichlorobenzene	2.1	ע
	1,2-Dibromo-3-chloropropane	2.1	ש
120-82-1		2.1	ָ ט
87-61-6	1.2.3-Trichlorobenzene	2.1	ט
1 37-01-0	2,0,0		1
1			

D01.75HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823192

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823192D2

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.1

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
		=======	=========	=====
	Unknown	10.40	17	JXB
(I)				
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				-
			Part of the Control o	
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	-			-
	-			.\
			-	-
				-
	_			-

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D01.75HIGHDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823192D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823192D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 47.6

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

Purge Volume: 25.0 (mL)

ļ		CONCENTRATION UNITS:	_
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
20200202323		=======================================	
75-71-8	Dichlorodifluoromethane	24	ט
74-87-3	Chloromethane	24	טן
75-01-4	Vinyl chloride	24	ט
74-83-9	Bromomethane	24	ט
	Chloroethane	24	ט
75-69-4	Trichlorofluoromethane	24	ט
75-35-4	1,1-Dichloroethene	24	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	บ
67-64-1	Acetone	240	ט
75-15-0	Carbon disulfide	24	ט
79-20-9	Methyl acetate	24	ט
75-09-2	Methylene chloride	24	ט
156-60-5	trans-1,2-Dichloroethene	24	บ
1634-04-4	Methyl tert-butyl ether	24	ט
75-34-3	1,1-Dichloroethane	24	ט
156-59-2	cis-1,2-Dichloroethene	24	ט
78-93-3	2-Butanone	240	ן ע
74-97-5	Bromochloromethane	24	ן ט
	Chloroform	24	ן ט
71-55-6	1,1,1-Trichloroethane	24	ט
	Cyclohexane	24	ט (
56-23-5		24	ט
71-43-2	Benzene	24	ט
107-06-2	1,2-Dichloroethane	j 24	U

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

EPA SAMPLE NO.

D01.75HIGHDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823192D1

Sample wt/vol: 25.0

(g/ml) ml

Lab File ID: 823192D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 47.6

Soil Aliquot Volume:

(uL)

Soil Extract Volume:

Purge Volume: 25.0

(uL) (mL)

		CONCENTRATION UNITS:	1 1
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
		**************	80000000
79-01-6	Trichloroethene	570	D
		24	ן ט
78-87-5	1,2-Dichloropropane	24	ן ט
75-27-4	•	24	ן ס
10061-01-5	cis-1,3-Dichloropropene	24	U
108-10-1	4-Methyl-2-pentanone	240	ן ט
108-88-3	Toluene	j 24	ן טן
10061-02-6	trans-1,3-Dichloropropene	j 24	ן ט ן
		24	ן ט ן
127-18-4	Tetrachloroethene	24	U
591-78-6	2-Hexanone	240	ן ס ן
124-48-1	Dibromochloromethane	į 24	ן ט
106-93-4	1,2-Dibromoethane	24	ן ט
		24	ן ט
100-41-4	Bthylbenzene	24	ן ט
95-47-6	o-Xylene	24	ן ט
179601-23-1		j 24	ן ט
100-42-5	Styrene	24	ן ס
75-25-2	Bromoform	24	ប
98-82-8		24	ן ט
79-34-5	1,1,2,2-Tetrachloroethane	24	ן ט
541-73-1	1,3-Dichlorobenzene	24	U
106-46-7	1,4-Dichlorobenzene	24	ט
95-50-1	1,2-Dichlorobenzene	24	ן ס
96-12-8	1,2-Dibromo-3-chloropropane	24	σ
120-82-1		24	ָן , ט
87-61-6	1,2,3-Trichlorobenzene	24	ļσ
		.l	_

EPA SAMPLE NO.
D01.75HIGHDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823192D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823192D

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 47.6

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
	=======================================	=======	===========	=====
	Unknown	10.39	170	JXBD
	on the same		N 1000000000000000000000000000000000000	
				-
				_
	\ 			
	-			
	-			
	-			
			-	
				-
		-		
	-			
	1	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D02.0MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823193

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823193D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	200
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
========	=======================================	=======================================	======
75-71-8	Dichlorodifluoromethane	2.5	U
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl chloride	2.5	ן ט
	Bromomethane	2.5	U
75-00-3	Chloroethane	2.5	U
75-69-4	Trichlorofluoromethane	2.5	U
75-35-4	1,1-Dichloroethene	2.5	U
	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U
	Acetone	20	J
75-15-0	Carbon disulfide	2.5	ט
	Methyl acetate	2.5	U
75-09-2	Methylene chloride	3.3	6
156-60-5	trans-1,2-Dichloroethene	2.5	U
	Methyl tert-butyl ether	2.5	U
75-34-3	1,1-Dichloroethane	2.5	U
	cis-1,2-Dichloroethene	1.1	J
	2-Butanone	25	U
	Bromochloromethane	2.5	U
	Chloroform	2.5	U
	1,1,1-Trichloroethane	2.5	ט
	Cyclohexane	2.5	ט
56-23-5	Carbon tetrachloride	2.5	U
	Benzene	2.5	U
107-06-2	1,2-Dichloroethane	2.5	U

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

EPA SAMPLE NO.

DO2.0MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823193

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823193D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

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

Purge Volume: 25.0 (mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	į Q
===========		=======================================	
79-01-6	Trichloroethene	480	E
108-87-2	Methylcyclohexane	2.5	ซ
78-87-5	1,2-Dichloropropane	2.5	ן ט
75-27-4	Bromodichloromethane	2.5	ן ט
10061-01-5	cis-1,3-Dichloropropene	2.5	U
108-10-1	4-Methyl-2-pentanone	25	U
108-88-3	Toluene	2.5	ן ט
10061-02-6	trans-1,3-Dichloropropene	2.5	ן ט
79-00-5	1,1,2-Trichloroethane	2.5	ן ט
127-18-4	Tetrachloroethene	4.9	l
	2-Hexanone	25	ן ט
124-48-1	Dibromochloromethane	2.5	ן ט
	1,2-Dibromoethane	2.5) ប
	Chlorobenzene	2.5	ן ט
100-41-4	Ethylbenzene	j 2.5	ן ט
95-47-6	o-Xylene	2.5	U
179601-23-1	m,p-Xylene	2.5	ן ט
100-42-5	Styrene	2.5	U
75-25-2	Bromoform	2.5	ט
98-82-8	Isopropylbenzene	j 2.5	טן
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U
541-73-1	1,3-Dichlorobenzene	2.5	U
106-46-7	1,4-Dichlorobenzene	2.5	ן ט
95-50-1	1,2-Dichlorobenzene	2.5	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	U
120-82-1	1,2,4-Trichlorobenzene	2.5	U
87-61-6	1,2,3-Trichlorobenzene	2.5	ט
			l

EPA SAMPLE NO. DO2.OMED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823193

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823193D2

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53

Dilution Factor: 5.0 (mm)

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=======================================	=======================================	=======	==========	====
-	Unknown	10.39	20	JXB
	omaio			
				_
				-
				
				-
The second secon				
				i —
	alon — ce de la proposición de la companya de la co			
				1
				-
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO.
D02.0MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823193D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823193D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 57.1

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	29	U
	Chloromethane	29	U
75-01-4	Vinyl chloride	29	U
74-83-9	Bromomethane	29	ן ט
75-00-3	Chloroethane	29	ן ט
75-69-4	Trichlorofluoromethane	29	ប
	1,1-Dichloroethene	29	ן ט
	1,1,2-Trichloro-1,2,2-trifluoroethane	29	U
	Acetone	290	ן ע
	Carbon disulfide	29	ן ט
79-20-9	Methyl acetate	29	ן ט
	Methylene chloride	29	ן ט
156-60-5	trans-1,2-Dichloroethene	29	ן ט
1634-04-4		29	ט
75-34-3	1,1-Dichloroethane	j 29	U
	cis-1,2-Dichloroethene	j 29	ן ט
	2-Butanone	j 290	ט (
	Bromochloromethane	29	ซ
	Chloroform	29	U
71-55-6	1,1,1-Trichloroethane	j 29	U
	Cyclohexane	29	ט
	Carbon tetrachloride	29	ט
	Benzene	j 29	U
107-06-2	!	j 29	U
· 	·		i

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

DO2.OMEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823193D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823193D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 57.1

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	_
CAS NO.	COMPOUND	(ug/L or ug/kg) <u>ug/L</u>	Q
=======================================			
79-01-6	Trichloroethene	670	D
108-87-2	Methylcyclohexane	29	ū
78-87-5		29	ซ
75-27-4	Bromodichloromethane	29	U
10061-01-5	cis-1,3-Dichloropropene	29	ซ
108-10-1	4-Methyl-2-pentanone	290	U
108-88-3	Toluene	29	ט
10061-02-6	trans-1,3-Dichloropropene	29	ט
79-00-5	1,1,2-Trichloroethane	29	ט
127-18-4	Tetrachloroethene	29	Ü
591-78-6	2-Hexanone	290	ט
124-48-1	Dibromochloromethane	29	Ū
106-93-4		29	U
108-90-7	Chlorobenzene	29	U
100-41-4	Ethylbenzene	29	ט
95-47-6		29	ן ט
179601-23-1	m,p-Xylene	29	ប
100-42-5	Styrene	29	ט
75-25-2	Bromoform	29	ט
98-82-8	Isopropylbenzene	<u> </u>	ן ט
79-34-5	1,1,2,2-Tetrachloroethane	29	Ü
	1,3-Dichlorobenzene	29	ן ט
106-46-7	1,4-Dichlorobenzene	29	ט
95-50-1	1,2-Dichlorobenzene	j 29	ט
96-12-8	1,2-Dibromo-3-chloropropane	29	U
120-82-1		29	ן ט
87-61-6	1,2,3-Trichlorobenzene	29	ן ט
			l

EPA SAMPLE NO. DO2.OMEDDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823193D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823193D

Level: (TRACE or LOW/MED) TRACE

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53 (

(mm) Dilution Factor: 57.1

(uL)

Soil Extract Volume:

(uL) Soil Aliquot Volume:

Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
===============	=======================================	=======	=======================================	=====
_	Unknown	10.40	210	JXBD
*				
	-			
				-
				-
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-				
				.

(1) EPA-designated Registry Number.

Total Alkanes

SOM01.2

28 29 30

E966796(1)

DO2.OHIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823194

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823194D2

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 4.7

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		CONCENTRATION U	NITS:		
CAS NO.	COMPOUND	(ug/L or ug/kg)	ug/L	Q	
==========		=============	======	=======	
75-71-8	Dichlorodifluoromethane		2.4	U	
74-87-3	Chloromethane		2.4	U	
	Vinyl chloride		2.4	U	
	Bromomethane		2.4	U	
75-00-3	Chloroethane		2.4	U	
75-69-4	Trichlorofluoromethane		2.4	U	1
75-35-4	1,1-Dichloroethene		2.4	U	1
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		2.4	U	1
	Acetone		26		
75-15-0	Carbon disulfide		2.4	U	
	Methyl acetate		2.4	U	
75-09-2	#		3.3		T
156-60-5	trans-1,2-Dichloroethene		2.4	U	
	Methyl tert-butyl ether		2.4	U	1
	1,1-Dichloroethane	1	2.4	ן ט	
156-59-2	cis-1,2-Dichloroethene		2.4	ן ט	
	2-Butanone		24	U	1
74-97-5	Bromochloromethane		2.4	U	
	Chloroform		2.4	U	
	1,1,1-Trichloroethane		2.4	U	
	Cyclohexane		2.4	ט	
56-23-5	Carbon tetrachloride		2.4	U	
71-43-2			2.4	U	
107-06-2			2.4	U	ļ

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

EPA SAMPLE NO. DO2.OHIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823194

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823194D2

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53

(mm)

Dilution Factor: 4.7

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		donomina and interes	
		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) <u>ug/L</u>	Q
320==200====			
79-01-6	Trichloroethene	430	E
108-87-2	Methylcyclohexane	2.4	บ
78-87-5	1,2-Dichloropropane	2.4	ט
75-27-4	Bromodichloromethane	2.4	บ
10061-01-5	cis-1,3-Dichloropropene	2.4	U
108-10-1	4-Methyl-2-pentanone	24	ט
108-88-3	Toluene	2.4	ט
10061-02-6	trans-1,3-Dichloropropene	2.4	ט
	1,1,2-Trichloroethane	2.4	ט
127-18-4	Tetrachloroethene	4.9	
	2-Hexanone	24	Ū
124-48-1	Dibromochloromethane	2.4	ប
	1,2-Dibromoethane	2.4	U
108-90-7	Chlorobenzene	2.4	U
100-41-4	Ethylbenzene	2.4	ט
95-47-6	o-Xylene	2.4	ט (
179601-23-1	m,p-Xylene	2.4	U
100-42-5	Styrene	2.4	U
75-25-2	Bromoform	2.4	ָוֹ <u>ט</u>
98-82-8	Isopropylbenzene	2.4	U
79-34-5	1,1,2,2-Tetrachloroethane	2.4	ប
541-73-1	1,3-Dichlorobenzene	2.4	U
	1,4-Dichlorobenzene	2.4	U
95-50-1	1,2-Dichlorobenzene	2.4	טן
	1,2-Dibromo-3-chloropropane	2.4	U
120-82-1	1,2,4-Trichlorobenzene	2.4	U
87-61-6	1,2,3-Trichlorobenzene	2.4	ט (
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D02.0HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823194

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823194D2

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.7

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
		=======	=======================================	=====
	Unknown	10.39	19	JXB
				-
	-			
				-
	-			
	-			-
	-			
	-			
	-			-
		-		
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D02.0HIGHDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823194D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823194D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 53.7

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================	*************************	22252332002225388825	=======
75-71-8	Dichlorodifluoromethane	27	ט
74-87-3	Chloromethane	27	ן ט
75-01-4	Vinyl chloride	27	ט
74-83-9	Bromomethane	27	ប
	Chloroethane	27	ט
75-69-4	Trichlorofluoromethane	27	ן ט
75-35-4	1,1-Dichloroethene	27	ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane) 27	טן
67-64-1	Acetone	270	Ü
75-15-0	Carbon disulfide	27	ט
79-20-9	Methyl acetate	27	ט
75-09-2	Methylene chloride	27	ט
156-60-5	trans-1,2-Dichloroethene	27	ט
1634-04-4	Methyl tert-butyl ether	27	ប
	1,1-Dichloroethane	j 27	ט !
156-59-2	cis-1,2-Dichloroethene	27	Ū
78-93-3	2-Butanone	270	ט (
74-97-5	Bromochloromethane	27	ן ט
67-66-3	Chloroform	27	ן ט
71-55-6	1,1,1-Trichloroethane	₹ 27	ט
110-82-7	Cyclohexane	27	ן ט
56-23-5	Carbon tetrachloride	27	ן ט
71-43-2	Benzene	27	ן ט
107-06-2	1,2-Dichloroethane	27	ט
l		l	l

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

EPA SAMPLE NO. DO2.OHIGHDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823194D1

Sample wt/vol: 25.0

Lab Code: STLV

(g/mL) mL

Case No.: LASS

Lab File ID: 823194D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53 (mm) Dilution Factor: 53.7

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

Purge Volume: 25.0

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
	22B22222222222222222222222222222222222		=======
79-01-6	Trichloroethene	570	D
108-87-2		27	ן ט
78-87-5		27	טן
75-27-4	Bromodichloromethane	27	ן ט
10061-01-5		j 27	ן ט
108-10-1	4-Methyl-2-pentanone	270	l n
108-88-3	Toluene	27	ט ן
10061-02-6	trans-1,3-Dichloropropene	j 27	ט
79-00-5	· · · · · · · · · · · · · · · · · · ·	27	ט
127-18-4		27	טן
	2-Hexanone	į 270	ט
124-48-1	_	j 27	ן ט
106-93-4	·	27	טן
108-90-7	1	27	ן ט
100-41-4	Ethylbenzene	27	ן ט
95-47-6	•	27	טן
		27	ט
179601-23-1		27	U
100-42-5	Styrene	27	U
75-25-2	Bromoform	27	ט
70-82-8	Isopropylbenzene 1,1,2,2-Tetrachloroethane	27	טן
79-34-5 541-73-1		27	ט
	1 -/	27	טן
100-40-7	1,4-Dichlorobenzene 1,2-Dichlorobenzene	27	ט
33-3U-1 06-12-9	1,2-Dibromo-3-chloropropane	27	U
120-82-1		27	U
	1,2,3-Trichlorobenzene	27	ט
87-61-6	1,2,3-111CHIOLODGHAGHG		_

EPA SAMPLE NO. D02.0HIGHDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823194D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823194D

Level: (TRACE or LOW/MED) TRACE

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 53.7

(uL)

Soil Extract Volume:

Soil Aliquot Volume: (uL)

Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT		CONC.	Q
	=======================================	======	=====	======	====
	Unknown	10.40		190	JXBD
			-		
			-		
					-
					1
E966796(1) (1)EPA-designated	Total Alkanes	N/A			1

EPA SAMPLE NO.

DOCONTROL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823195

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823195D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.5

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
	=======================================		=======
75-71-8	Dichlorodifluoromethane	2.8	ן ט
74-87-3	Chloromethane	2.8	U
75-01-4		2.8	Ü
74-83-9	Bromomethane	2.8	ן ט
	Chloroethane	2.8	ซ
75-69-4	Trichlorofluoromethane	2.8	ט
75-35-4	1,1-Dichloroethene	2.8	ប
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.8	U
67-64-1		į 13	JВ
75-15-0	Carbon disulfide	2.8	U
79-20-9	Methyl acetate	j 2.8	ן ט
75-09-2	Methylene chloride	1.7	J
156-60-5	trans-1,2-Dichloroethene	2.8	וֹ עֹ
1634-04-4	Methyl tert-butyl ether	2.8	ן ט
75-34-3	1,1-Dichloroethane	2.8	ט
156-59-2	cis-1,2-Dichloroethene	1.3	J
78-93-3	2-Butanone	28	U
74-97-5	Bromochloromethane	2.8	ן ט
67-66-3	Chloroform	2.8	ט
71-55-6	1,1,1-Trichloroethane	2.8	İυ
	Cyclohexane	2.8	ט
	Carbon tetrachloride	2.8	ן ט
	Benzene	2.8	ן ט
107-06-2	1,2-Dichloroethane	2.8	ט
		\$	1

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

EPA SAMPLE NO.

DOCONTROL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823195

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823195D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec.
Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.5

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

Purge Volume: 25.0 (mL)

		CALLON TO LET OUT TRITTED	_ _
		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) <u>ug/L</u>	Q
*********	************************		
79-01-6	Trichloroethene	760	E
108-87-2	Methylcyclohexane	2.8	U
78-87-5	1,2-Dichloropropane	2.8	υ
75-27-4	Bromodichloromethane	2.8	Ü
10061-01-5	cis-1,3-Dichloropropene	2.8	ט
108-10-1	4-Methyl-2-pentanone	28	ט
108-88-3	Toluene	2.8	ט
10061-02-6	trans-1,3-Dichloropropene	2.8	ប
79-00-5	1,1,2-Trichloroethane	2.8	U
127-18-4	Tetrachloroethene	6.3	l
591-78-6	2-Hexanone	28	Ū
124-48-1	Dibromochloromethane	2.8	ן ע
106-93-4	1,2-Dibromoethane	2.8	ט
108-90-7	Chlorobenzene	2.8	U
100-41-4	Ethylbenzene	2.8	ט
95-47-6	o-Xylene	2.8	ן ט
179601-23-1	m,p-Xylene	2.8	ן ט
100-42-5	Styrene	2.8	ן ט
75-25-2	Bromoform	2.8	ט
98-82-8	Isopropylbenzene	2.8	ן ט
	1,1,2,2-Tetrachloroethane	2.8	ן ט
541-73-1	1,3-Dichlorobenzene	2.8	ט
106-46-7	1,4-Dichlorobenzene	2.8	ן ט
	1,2-Dichlorobenzene	2.8	ן ט
96-12-8	1,2-Dibromo-3-chloropropane	2.8	ן ט
120-82-1	1,2,4-Trichlorobenzene	2.8	ט
87-61-6	1,2,3-Trichlorobenzene	2.8	ן ט
		\	

EPA SAMPLE NO. DOCONTROL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823195

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823195D2

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53

Dilution Factor: 5.5 (mm)

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	=======================================		============	=====
	Unknown	7.02	16	JXB
	Gibdiowii			
			-	
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO.

DOCONTROLDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823195D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823195D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 63.8

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	,
	COMPOSED	1	_
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	32	ŭ
		32	U
	Vinyl chloride	32	ប
	Bromomethane	32	ט
75-00-3	Chloroethane	32	ט
	Trichlorofluoromethane	32	U
75-35-4	1,1-Dichloroethene	32	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	32	U
67-64-1	Acetone	320	U
75-15-0	Carbon disulfide	32	U
79-20-9	Methyl acetate	32	U
75-09-2	Methylene chloride	32	U
	trans-1,2-Dichloroethene	32	ט
1634-04-4	Methyl tert-butyl ether	32	ט (
75-34-3		j 32	υ
156-59-2	cis-1,2-Dichloroethene	32	ט
78-93-3	2-Butanone	320	ס
74-97-5	Bromochloromethane	32	ט
	Chloroform	32	บ
71-55-6	1,1,1-Trichloroethane	32	ט
110-82-7	Cyclohexane	32	ָּט וֹ <u>י</u>
	Carbon tetrachloride	32	Ü
•	Benzene	j 32	Ü
107-06-2	1,2-Dichloroethane	32	Ü
	.,		

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

EPA SAMPLE NO. DOCONTROLDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823195D1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823195D

Soil Aliquot Volume:

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53

Dilution Factor: 63.8 (mm)

(uL)

Soil Extract Volume: Purge Volume: 25.0

(uL) (mL)

l		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	i Q i
79-01-6	Trichloroethene	920	ם
108-87-2	Methylcyclohexane	32	ן ט
78-87-5	1,2-Dichloropropane	32	ט ו
75-27-4	Bromodichloromethane	32	ซ
10061-01-5	cis-1,3-Dichloropropene	32	ן ט ן
108-10-1		320	ן ט
108-88-3	Toluene	32	ן טן
10061-02-6	trans-1,3-Dichloropropene	32	ן טן
79-00-5	1,1,2-Trichloroethane	32	ן טן
127-18-4	Tetrachloroethene	32	ן טן
591-78-6	2-Hexanone	320	ן טן
124-48-1	Dibromochloromethane	32	ן טן
106-93-4	1,2-Dibromoethane	32	ן ט
108-90-7	Chlorobenzene	32	ן ט
100-41-4	Ethylbenzene	32	ט ן
95-47-6	o-Xylene	32	ן ט
179601-23-1	m,p-Xylene	32	ן ט
100-42-5	Styrene	32	ן ט
75-25-2	Bromoform	32	ט
98-82-8		32	ן ט
	1,1,2,2-Tetrachloroethane	32	ן ט
541-73-1	,	32	ן ט
	1,4-Dichlorobenzene	32	ן ט
	1,2-Dichlorobenzene	32	U
	1,2-Dibromo-3-chloropropane	32	U
120-82-1	1,2,4-Trichlorobenzene	32	U
87-61-6	1,2,3-Trichlorobenzene	32	ט
l		l <u></u>	1

EPA SAMPLE NO.

DOCONTROLDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823195D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823195D

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 63.8

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
		======	=======================================	
	Unknown	10.40	230	JXBD-
	l commons		i	i
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			i — — — — —	
				_
954				
			-	
			N.	
	_			-
	_			-
E966796(1)	Total Alkanes	N/A	1	

(1) EPA-designated Registry Number.

EPA SAMPLE NO.
D31.5MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823196

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823196

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

ļ 		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================			=======
75-71-8	Dichlorodifluoromethane	0.50	ט
74-87-3	Chloromethane	0.50	ט
75-01-4	Vinyl chloride	0.50	ט
74-83-9	Bromomethane	0.50	ט
75-00-3	Chloroethane	0.50	บ
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	ט
67-64-1	, , ,	57	
75-15-0	Carbon disulfide	0.50	Ū
79-20-9		0.50	ט
75-09-2	Methylene chloride	23	E
	trans-1,2-Dichloroethene	0.50	ט
	Methyl tert-butyl ether	0.63	
75-34-3	1,1-Dichloroethane	0.50	Ū
156-59-2	cis-1,2-Dichloroethene	0.50	ט
78-93-3	2-Butanone	3.6	J
74-97-5	Bromochloromethane	0.50	ט
67-66-3	Chloroform	0.26	J
	1,1,1-Trichloroethane	0.50	ប
110-82-7		0.50	ប
56-23-5	Carbon tetrachloride	0.50	ן ט
71-43-2	Benzene	0.50	Ü
107-06-2	1,2-Dichloroethane	0.50	ן ט

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

D31.5MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823196

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823196

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec.
Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	0
		=======================================	
79-01-6	Trichloroethene	0.25	J
108-87-2	Methylcyclohexane	0.50	ט
78-87-5	1,2-Dichloropropane	0.50	ט
75-27-4		0.50	ט
10061-01-5	cis-1,3-Dichloropropene	0.50	σ
108-10-1	4-Methyl-2-pentanone	5.0	υ
108-88-3		0.82	l
10061-02-6	trans-1,3-Dichloropropene	0.50	<u> </u>
79-00-5		0.50	U
127-18-4	Tetrachloroethene	2.7	
591-78-6	2-Hexanone	5.0	Ū
	Dibromochloromethane	0.50	ט
106-93-4	1,2-Dibromoethane	0.50	ט
108-90-7	Chlorobenzene	0.50	σ
100-41-4	Ethylbenzene	0.50	ט
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	ס
100-42-5	Styrene	0.50	U
	Bromoform	0.50	ן ט
98-82-8	Isopropylbenzene	0.50	טן
79-34-5	1,1,2,2-Tetrachloroethane	0.50	ט
541-73-1		0.50	ט
106-46-7	1,4-Dichlorobenzene	0.50	ע
95-50-1	1,2-Dichlorobenzene	0.50	ט
96-12-8	1,2-Dibromo-3-chloropropane	0.50	ן ס -
	1,2,4-Trichlorobenzene	0.50	. n
87-61-6	1,2,3-Trichlorobenzene	0.50	ប
l			l <u></u>

D31.5MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823196

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823196

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (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
=======================================	= =====================================	=======	=======================================	=====
	Unknown	10.40	3.6	JXB
	Ollidiowii	10.10		
<u> </u>				
				-
9 81				
	-			
		-		
	-			
	-			
	-			
	-			
	-			
				_
				C-01-1-
	-			
	-1			
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO.

D31.5MEDDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823196D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823196D

Soil Aliquot Volume:

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.9

(uL)

Soil Extract Volume:

Purge Volume: 25.0

(uL)

(mL)

1	,	CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) <u>ug/L</u>	Q
==========			=======
75-71-8	Dichlorodifluoromethane	0.95	U
74-87-3	Chloromethane	0.95	U
75-01-4	Vinyl chloride	0.95	ן ט
74-83-9	Bromomethane	0.95	U
75-00-3	Chloroethane	0.95	ן ט
75-69-4	Trichlorofluoromethane	0.95	U
75-35-4	1,1-Dichloroethene	0.95	ן ט ן
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.95	ן ט
67-64-1	Acetone	63	ם
75-15-0	Carbon disulfide	0.95	ប
	Methyl acetate	0.95	U
75-09-2	Methylene chloride	22	D
156-60-5	trans-1,2-Dichloroethene	0.95	ן ט
1634-04-4	Methyl tert-butyl ether	0.61	DJ
75-34-3	1,1-Dichloroethane	0.95	U
156-59-2	cis-1,2-Dichloroethene	0.95	Ü
78-93-3	2-Butanone	5.1	DJ
74-97-5	Bromochloromethane	0.95	ן ט
	Chloroform	0.95	ט
71-55-6	1,1,1-Trichloroethane	0.95	Ü
110-82-7	Cyclohexane	0.95	U
	Carbon tetrachloride	0.95	ן ט
	Benzene	0.95	ן ט
107-06-2	1,2-Dichloroethane	0.95	ט
l			l

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

EPA SAMPLE NO.
D31.5MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823196D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823196D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.9

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================		=======================================	8=22222
79-01-6	Trichloroethene	0.95	ם
108-87-2	Methylcyclohexane	0.95	U
78-87-5	1,2-Dichloropropane	0.95	U
75-27-4	Bromodichloromethane	0.95	ן ט
10061-01-5	cis-1,3-Dichloropropene	0.95	ט
108-10-1	4-Methyl-2-pentanone	9.5	ט
108-88-3	Toluene	0.79	DJ
10061-02-6	trans-1,3-Dichloropropene	0.95	ן ט
79-00-5	1,1,2-Trichloroethane	0.95	ט
127-18-4	Tetrachloroethene	2.5	D
591-78-6	2-Hexanone	9.5	ן ט
124-48-1	Dibromochloromethane	0.95	ט
106-93-4	1,2-Dibromoethane	0.95	ט
108-90-7	Chlorobenzene	0.95	ט
100-41-4	Ethylbenzene	0.95	ט
95-47-6	o-Xylene	0.95	ט
179601-23-1	m,p-Xylene	0.95	ט
100-42-5	Styrene	0.95	ן ט
75-25-2	Bromoform	0.95	ט
98-82-8	,	0.95	ט
79-34-5		0.95	ប
541-73-1		0.95	ט
	1,4-Dichlorobenzene	0.95	ប
95-50-1	1,2-Dichlorobenzene	0.95	ן ט
	1,2-Dibromo-3-chloropropane	0.95	ט
120-82-1	-,-,	0.95	ן ט
87-61-6	1,2,3-Trichlorobenzene	0.95	ן ט
		l	1

D31.5MEDDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823196D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823196D

Level: (TRACE or LOW/MED) TRACE

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624

ID: 0.53

(mm) Dilution Factor: 1.9

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume: Purge Volume: 25.0

N/A

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	=======================================	=======	=======================================	=====
	Unknown	10.40	7.3	JXBD-
				-
				-
			the Company of the Co	
				l

(1) EPA-designated Registry Number.

Total Alkanes

E966796(1)

EPA SAMPLE NO. D31.5HIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823197

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823197D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.7

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

Purge Volume: 25.0

(mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
	assaassaassaassaassaassaassaas		======
75-71-8	Dichlorodifluoromethane	0.85	ט
74-87-3	Chloromethane	0.85	ซ
75-01-4	Vinyl chloride	0.85	บ
74-83-9	Bromomethane	0.85	ט
75-00-3	Chloroethane	0.85	ט
75-69-4	Trichlorofluoromethane	0.85	ט
75-35-4	1,1-Dichloroethene	0.85	ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.85	ט
67-64-1	Acetone	73	
75-15-0	Carbon disulfide	0.85	Ū
79-20-9	Methyl acetate	0.85	ប
75-09-2		27	İ
156-60-5	trans-1,2-Dichloroethene	0.85	Ū
1634-04-4	Methyl tert-butyl ether	0.64	J
75-34-3	1,1-Dichloroethane	0.85	ט
156-59-2	cis-1,2-Dichloroethene	0.85	ט
78-93-3	2-Butanone	5.3	J
74-97-5	Bromochloromethane	0,85	ט
67-66-3	Chloroform	0.85	ט ו
71-55-6	1,1,1-Trichloroethane	0.85	บ
110-82-7	Cyclohexane	0.85	U
56-23-5		0.85	ប
71-43-2	Benzene	0.85	ប
107-06-2	1,2-Dichloroethane	0.85	ט

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

EPA SAMPLE NO.
D31.5HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823197

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823197D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.7

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

Purge Volume: 25.0 (mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================		220000000000000000000000000000000000000	
79-01-6	Trichloroethene	0.85	U
108-87-2	Methylcyclohexane	0.85	ט
78-87-5	1,2-Dichloropropane	0.85	U
75-27-4	Bromodichloromethane	0.85	ט
10061-01-5	cis-1,3-Dichloropropene	0.85	ט ו
108-10-1	4-Methyl-2-pentanone	8.5	ט
108-88-3	Toluene	0.90	j
10061-02-6	trans-1,3-Dichloropropene	0.85	Ū
	1,1,2-Trichloroethane	0.85	[ប
	Tetrachloroethene	0.74	J
591-78-6	2-Hexanone	8.5	ט
	Dibromochloromethane	0.85	U
106-93-4	1,2-Dibromoethane	0.85	ן ט
108-90-7	Chlorobenzene	0.85	ט
100-41-4	Ethylbenzene	0.85	ן ט
95-47-6	o-Xylene	0.85	ט
179601-23-1	m,p-Xylene	0.85	ប
100-42-5	Styrene	0.85	ט
75-25-2	Bromoform	0.85	ט
98-82-8	Isopropylbenzene	0.85	ប
	1,1,2,2-Tetrachloroethane	0.85	ט
541-73-1	1,3-Dichlorobenzene	0.85	ן ט
	1,4-Dichlorobenzene	0.85	ן ט
95-50-1	1,2-Dichlorobenzene	0.85	ן ט
	1,2-Dibromo-3-chloropropane	0.85	ប
120-82-1		0.85	ן ט
87-61-6	1,2,3-Trichlorobenzene	0.85	ט
l		l	l

EPA SAMPLE NO.
D31.5HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823197

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823197D

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.7

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
===============			==========	=====
	Unknown	10.40	6.3	JXB
			3000000	ACENTIC AC
				AND DESCRIPTION
			-	
				-
			· · · · · · · · · · · · · · · · · · ·	
				-
				-
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO.

D31.75MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823198

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823198

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm)

(uL)

Dilution Factor: 1.0 Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

Soil Extract Volume:

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
22222222222	=======================================	=======================================	
75-71-8	Dichlorodifluoromethane	0.50	Ū
	Chloromethane	0.50	U
	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	Ū
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	ן ט
75-35-4	1,1-Dichloroethene	0.50	ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1		57 .57	-B- U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	υ
75-09-2		20	E
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.56	
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	3.8	J
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.22	J
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
	Carbon tetrachloride	0.50	U
71-43-2		0.50	ט
107-06-2	1,2-Dichloroethane	0.50	ū

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

EPA SAMPLE NO. D31.75MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823198

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823198

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

Purge Volume: 25.0

(mL)

ı 		CONCENTRATION UNITS:	
CT C YO	COMPOURD	(ug/L or ug/kg) ug/L	0
CAS NO.	COMPOUND	(ug/11 Of ug/kg/ ug/11	
20 01 6		0.50	U
79-01-6	Trichloroethene	0.50	u
108-87-2	Methylcyclohexane	0.50	ט
78-87-5	1,2-Dichloropropane	0.50	ט ט
75-27-4	Bromodichloromethane	0.50	บ
10061-01-5	cis-1,3-Dichloropropene	1 0.50 5.0	ט
108-10-1	4-Methyl-2-pentanone	0.73	l C
108-88-3	Toluene		
10061-02-6	trans-1,3-Dichloropropene	0.50	
79-00-5	1,1,2-Trichloroethane	0.50	ט
127-18-4	Tetrachloroethene	3.0	\
591-78-6		5.0	ן ט
	Dibromochloromethane	0.50	ט
	1,2-Dibromoethane	0.50	U
108-90-7		0.50	Ü
100-41-4	Ethylbenzene	0.50	Ü
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	טן
100-42-5	Styrene	0.50	ן ט
75-25-2	Bromoform	0.50	ט
98 <i>-</i> 82-8	Isopropylbenzene	0.50	ן ט
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	ט
106-46-7	1,4-Dichlorobenzene	0.50	("
	1,2-Dichlorobenzene	0.50	ט
	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	, -, -,	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	ט
	<u></u>		l

EPA SAMPLE NO. D31.75MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823198

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823198

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53

(mm) Dilution Factor: 1.0

(uL)

Soil Extract Volume:

(uL) Soil Aliquot Volume:

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=======================================		=======	=======================================	====
	Unknown	7.01	3.0	JXB
	-			
				-
	-		-	
	-			1
	-			-
				1
	_			
	_			
				1
				1
				-
				-
				i kanaa
E966796(1) (1)EPA-designated	Total Alkanes	N/A		

D31.75MEDDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823198D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823198D

Soil Aliquot Volume:

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53

(mm) Dilution Factor: 2.0

m) Dilucion Factor. 2.0

(uL)

Soil Extract Volume:
Purge Volume: 25.0

(uL) (mL)

		CONCENTRAL PRINTERS	
		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
		200220022222222	=======
75-71-8	Dichlorodifluoromethane	1.0	U
	Chloromethane	1.0	ס
75-01-4	Vinyl chloride	1.0	ט
74-83-9	Bromomethane	1.0	ט
	Chloroethane	1.0	ū
75-69-4	Trichlorofluoromethane	1.0	ן ט
75-35-4	1,1-Dichloroethene	1.0	ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	ט
67-64-1	Acetone	52	D
75-15-0	Carbon disulfide	1.0	ן ט
79-20-9	Methyl acetate	1.0	U
75-09-2	Methylene chloride	21	D
156-60-5	trans-1,2-Dichloroethene	1.0	[ט
1634-04-4	Methyl tert-butyl ether	0.61	DJ
	1,1-Dichloroethane	1.0	ן ט
156-59-2	cis-1,2-Dichloroethene	1.0	ן ט
	2-Butanone	4.1	DJ
74-97-5	Bromochloromethane	1.0	ן ט
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ט
	Cyclohexane	1.0	ָ <u></u> '
	Carbon tetrachloride	1.0	U
71-43-2		1.0	ט
107-06-2	1,2-Dichloroethane	1.0	U
		<u></u>	l

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

EPA SAMPLE NO.
D31.75MEDDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823198D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823198D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2.0

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

Purge Volume: 25.0 (mL)

		CALLED METALL INTERC.	
Į		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
========		************	
	Trichloroethene	1.0	U
	Methylcyclohexane	1.0	ŭ
78-87-5	1,2-Dichloropropane	1.0	ប
75-27-4	Bromodichloromethane	1.0	ן ט
10061-01-5	cis-1,3-Dichloropropene	1.0	ប
108-10-1	4-Methyl-2-pentanone	10	ט
108-88-3	Toluene	0.75	DJ
10061-02-6	trans-1,3-Dichloropropene	1.0	ប
79-00-5	1,1,2-Trichloroethane	1.0	ซ
127-18-4	Tetrachloroethene	2.7	D
591-78-6	2-Hexanone	10	\ ប
124-48-1	Dibromochloromethane	1.0	ן ט
106-93-4	1,2-Dibromoethane	1.0	ן ט ן
	Chlorobenzene	1.0	ប
100-41-4 İ	Ethylbenzene	1.0	U
95-47-6	o-Xylene	1.0) ប
	m,p-Xylene	1.0	ן ע
	Styrene	1.0	ן ט
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	ט
	1,1,2,2-Tetrachloroethane	1.0	ן ט
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	[ע
	1,2-Dichlorobenzene	j 1.0) ប
	1,2-Dibromo-3-chloropropane	1.0	\ U
120-82-1	1,2,4-Trichlorobenzene	1.0	ช
87-61-6	1,2,3-Trichlorobenzene	1.0	ן ט
			l

EPA SAMPLE NO. D31.75MEDDL

Contract: 29000 Lab Name: TESTAMERICA BURLINGTON

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823198D1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823198D

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53

(mm) Dilution Factor: 2.0

(uL)

Soil Extract Volume:

(uL) Soil Aliquot Volume:

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

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	=======================================	========	==========	=====
	Unknown	10.40	7.4	JXBD
				-
		j		
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D31.75HIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823199

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823199

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624

(mm) ID: 0.53

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(uL)

Purge Volume: 25.0

Soil Extract Volume:

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(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
	1,1-Dichloroethene	0.50	ן ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ן ט
67-64-1	Acetone	56 -56	BU
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	19	
156-60-5		0.50	U
1634-04-4	Methyl tert-butyl ether	0.55	
	1,1-Dichloroethane	0.50	U
	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	3.8	J
74-97-5	Bromochloromethane	0.50	U
	Chloroform	0.20	J
71-55-6	1,1,1-Trichloroethane	0.50	ט
110-82-7	Cyclohexane	0.50	U
56-23-5	[1]	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
AMERICAN APPEARS (SECTION	Hardward IV - Linux III parket to the Parket to the Arthur State (1997)		

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

EPA SAMPLE NO. D31.75HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823199

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823199

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

		ACTION MEDITAL INTERC	
		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
========			****
79-01-6	Trichloroethene	0.50	Ω
108-87-2	Methylcyclohexane	0.50	ָ <u>.</u>
78-87-5	1,2-Dichloropropane	0.50	ŭ
75-27-4	Bromodichloromethane	0.50	Ü
10061-01-5	cis-1,3-Dichloropropene	0.50	บ
108-10-1	4-Methyl-2-pentanone	5.0	υ
108-88-3	Toluene	0.74	l
10061-02-6	trans-1,3-Dichloropropene	0.50	<u> </u>
79-00-5	1,1,2-Trichloroethane	0.50	ប
127-18-4	Tetrachloroethene	0.95	
591-78-6		5.0	ן ט
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	ט
100-41-4	Ethylbenzene	0.50	ַ ט
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	ן ט
100-42-5	Styrene	0.50	ט
75-25-2	Bromoform	0.50	ט
98-82-8	Isopropylbenzene	0.50	ן ט
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
	1,3-Dichlorobenzene	0.50	U
106-46-7		0.50	ן ט
95-50-1) 0.50	ט (
96-12-8	1,2-Dibromo-3-chloropropane	0.50	ן ט
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	ן ט

EPA SAMPLE NO. D31.75HIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823199

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823199

Level: (TRACE or LOW/MED) TRACE

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53

(mm) Dilution Factor: 1.0

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume: Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		======	=======================================	====
	Unknown	7.02	2.9	JXB
		into more all		
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				-
			·	
				-
		I		
E966796(1)	Total Alkanes	N/A	1	1

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D32.0MED

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823200

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823200

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

[CONCENTRATION UNITS:	}
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
2222222	=======================================		======
75-71-8	Dichlorodifluoromethane	0.50	ן ש
74-87-3	Chloromethane	0.50	ן ט [
75-01-4	Vinyl chloride	0.50	ן ט ן
74-83-9	Bromomethane	0.50	ן ט ן
75-00-3	Chloroethane	0.50	ן ט
75-69-4	Trichlorofluoromethane	0.50	ן ט
75-35-4	1,1-Dichloroethene	0.50	\
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50) u (
67-64-1	Acetone	38	l
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	ן טן
75-09-2	Methylene chloride	18]
156-60-5	trans-1,2-Dichloroethene	0.50	ן ט
1634-04-4	Methyl tert-butyl ether	0.64	
75-34-3	1,1-Dichloroethane	0.50	Ū
156-59-2	cis-1,2-Dichloroethene	0.50	ប
78-93-3	2-Butanone	2.6	J
74-97-5	Bromochloromethane	0.50	ן ט ן
67-66-3	Chloroform	0.26	J
71-55-6	1,1,1-Trichloroethane	0.50	ן ט
110-82-7		0.50	U
56-23-5	Carbon tetrachloride	0.50	Ü
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	ū
l			

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

EPA SAMPLE NO. D32.0MED

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823200

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823200

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q

79-01-6	Trichloroethene	0.28	J
108-87-2	Methylcyclohexane	0.50	ប
78-87-5	1,2-Dichloropropane	0.50	ช
75-27-4	Bromodichloromethane	0.50	ט
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.68	
10061-02-6	trans-1,3-Dichloropropene	0.50	บ
79-00-5	1,1,2-Trichloroethane	0.50	ซ
127-18-4	Tetrachloroethene	2.6	
591-78-6	2-Hexanone	5.0	Ū
124-48-1	Dibromochloromethane	0.50	U
	1,2-Dibromoethane	0.50	ט
108-90-7	Chlorobenzene	0.50	ט
100-41-4	Ethylbenzene	0.50	ן ט
95-47-6	o-Xylene	0.50	ט
179601-23-1	m,p-Xylene	0.50	ן ט
100-42-5	Styrene	0.50	ן ט
75-25-2	Bromoform	0.50	ט
98-82-8	Isopropylbenzene	\ 0.50	ט ו
79-34-5	1,1,2,2-Tetrachloroethane	0.50	ט
541-73-1	1,3-Dichlorobenzene	0.50	\ ʊ
106-46-7	1,4-Dichlorobenzene	0.50	Įυ
	1,2-Dichlorobenzene	0.50	ן ט
96-12-8		0.50	ַט
120-82-1	1,2,4-Trichlorobenzene	0.50	ט
87-61-6	1,2,3-Trichlorobenzene	0.50	ט
			l

D32.0MED

Lab Name: TESTAMERICA BURLINGTON

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

(1) EPA-designated Registry Number.

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823200

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823200

Level: (TRACE or LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53

(mm) Dilution Factor: 1.0

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume: Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		======	=======================================	
A STATE OF THE STA	Unknown	10.39	3.7	JXB
-	OlixiiO#II			
				-1-
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1				-
				"
				-
				-
				-1
	722			
E966796(1)	Total Alkanes	N/A		

D32.0HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823201

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823201D

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec.
Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.6

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

Purge Volume: 25.0 (mL)

CAS NO. COMPOUND COMPOUND COMPOUND Compound C				
75-71-8 Dichlorodifluoromethane 0.80 U 74-87-3 Chloromethane 0.80 U 75-01-4 Vinyl chloride 0.80 U 75-01-4 Vinyl chloride 0.80 U 75-00-3 Chloroethane 0.80 U 75-69-4 Trichlorofluoromethane 0.80 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.80 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.80 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.80 U 79-20-9 Methyl acetate 0.80 U 75-09-2 Methylene chloride 0.80 U 75-09-2 Methylene chloride 0.80 U 75-34-3 1,1-Dichloroethane 0.80 U 75-34-3 1,1-Dichloroethane 0.80 U 78-93-3 2-Butanone 0.80 U 78-93-3 2-Butanone 0.80 U 78-93-3 2-Butanone 0.80 U 78-93-3 Chloroform 0.80 U 71-55-6 1,1,1-Trichloroethane 0.80 U 71-55-6 1,1,1-Trichloroethane 0.80 U 71-52-6 Carbon tetrachloride 0.80 U 71-43-2 Benzene 0.80 U 0.	ļ			1
75-71-8 Dichlorodifluoromethane 0.80 U 74-87-3 Chloromethane 0.80 U 75-01-4 Vinyl chloride 0.80 U 75-01-3 Bromomethane 0.80 U 75-00-3 Chloroethane 0.80 U 75-69-4 Trichlorofluoromethane 0.80 U 75-35-4 1,1-Dichloroethene 0.80 U 67-64-1 Acetone 52	CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
74-87-3 Chloromethane 0.80 U 75-01-4 Vinyl chloride 0.80 U 75-00-3 Chloroethane 0.80 U 75-69-4 Trichlorofluoromethane 0.80 U 75-69-4 1,1-Dichloroethene 0.80 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.80 U 67-64-1 Acetone 52 75-15-0 Carbon disulfide 0.80 U 75-09-2 Methyl acetate 0.80 U 156-60-5 trans-1,2-Dichloroethene 0.80 U 156-59-2 cis-1,2-Dichloroethene 0.80 U 156-59-2 cis-1,2-Dichloroethene 0.80 U 156-59-2 cis-1,2-Dichloroethene 0.80 U 178-93-3 2-Butanone 0.80 U 171-55-6 Chloroform 0.80 U 10-82-7 Cyclohexane 0.80 U 10-82-7 Carbon tetrachloride 0.80 U 110-82-7 Carbon tetrachloride 0.80 U 156-23-5 Carbon tetrachloride 0.80 U 156-23-5 Carbon tetrachloride 0.80 U 156-23-5 Carbon tetrachloride 0.80 U 156-23-5 Carbon tetrachloride 0.80 U 156-23-5 Carbon tetrachloride 0.80 U				
75-01-4				1 -
74-83-9 Bromomethane 0.80 U 75-00-3 Chloroethane 0.80 U 75-69-4 Trichlorofluoromethane 0.80 U 75-35-4 1,1-Dichloroethene 0.80 U 67-64-1 Acetone 52	74-87-3		_	. –
75-00-3 Chloroethane 75-69-4 Trichlorofluoromethane 75-35-4 1,1-Dichloroethene 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 75-15-0 Carbon disulfide 75-09-2 Methyl acetate 75-09-2 Methylene chloride 1634-04-4 Methyl tert-butyl ether 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 156-69-3 Bromochloromethane 174-97-5 Bromochloromethane 110-82-7 Cyclohexane 110-82-7 Carbon tetrachloride 10.80 U				ł ·
75-69-4 Trichlorofluoromethane 75-35-4 1,1-Dichloroethene 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 75-15-0 Carbon disulfide 75-09-2 Methyl acetate 75-09-2 Methylene chloride 1634-04-4 Methyl tert-butyl ether 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 156-59-2 cis-1,2-Dichloroethene 178-93-3 2-Butanone 174-97-5 Bromochloromethane 10.80 U 171-55-6 1,1,1-Trichloroethane 110-82-7 Cyclohexane 156-23-5 Carbon tetrachloride 71-43-2 Benzene 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U 10.80 U	74-83-9	Bromomethane	1	_
75-35-4	75-00-3	Chloroethane		_
75-35-4	75-69-4	Trichlorofluoromethane		_
67-64-1 Acetone 52 75-15-0 Carbon disulfide 0.80 79-20-9 Methyl acetate 0.80 75-09-2 Methylene chloride 20 156-60-5 trans-1,2-Dichloroethene 0.80 1634-04-4 Methyl tert-butyl ether 0.54 75-34-3 1,1-Dichloroethane 0.80 156-59-2 cis-1,2-Dichloroethene 0.80 78-93-3 2-Butanone 4.4 74-97-5 Bromochloromethane 0.80 67-66-3 Chloroform 0.80 71-55-6 1,1,1-Trichloroethane 0.80 110-82-7 Cyclohexane 0.80 56-23-5 Carbon tetrachloride 0.80 71-43-2 Benzene 0.80	75-35-4	1,1-Dichloroethene	0.80	_
67-64-1 Acetone 52 75-15-0 Carbon disulfide 0.80 79-20-9 Methyl acetate 0.80 75-09-2 Methylene chloride 20 156-60-5 trans-1,2-Dichloroethene 0.80 1634-04-4 Methyl tert-butyl ether 0.54 75-34-3 1,1-Dichloroethane 0.80 156-59-2 cis-1,2-Dichloroethene 0.80 78-93-3 2-Butanone 4.4 74-97-5 Bromochloromethane 0.80 67-66-3 Chloroform 0.80 71-55-6 1,1,1-Trichloroethane 0.80 110-82-7 Cyclohexane 0.80 56-23-5 Carbon tetrachloride 0.80 71-43-2 Benzene 0.80	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.80	ט
79-20-9 Methyl acetate 20 156-60-5 trans-1,2-Dichloroethene 0.80 U 1634-04-4 Methyl tert-butyl ether 0.54 J 75-34-3 1,1-Dichloroethene 0.80 U 156-59-2 cis-1,2-Dichloroethene 0.80 U 78-93-3 2-Butanone 4.4 J 74-97-5 Bromochloromethane 0.80 U 67-66-3 Chloroform 0.80 U 71-55-6 1,1,1-Trichloroethane 0.80 U 110-82-7 Cyclohexane 0.80 U 56-23-5 Carbon tetrachloride 0.80 U 71-43-2 Benzene 0.80 U	67-64-1		52	<u> </u>
79-20-9 Methyl acetate 0.80 U 75-09-2 Methylene chloride 20 156-60-5 trans-1,2-Dichloroethene 0.80 U 1634-04-4 Methyl tert-butyl ether 0.54 J 75-34-3 1,1-Dichloroethane 0.80 U 156-59-2 cis-1,2-Dichloroethene 0.80 U 78-93-3 2-Butanone 4.4 J 74-97-5 Bromochloromethane 0.80 U 67-66-3 Chloroform 0.80 U 71-55-6 1,1,1-Trichloroethane 0.80 U 110-82-7 Cyclohexane 0.80 U 56-23-5 Carbon tetrachloride 0.80 U 71-43-2 Benzene 0.80 U	75-15-0	Carbon disulfide	(0.80	(u
75-09-2 Methylene chloride 20 156-60-5 trans-1,2-Dichloroethene 0.80 U 1634-04-4 Methyl tert-butyl ether 0.54 J 75-34-3 1,1-Dichloroethane 0.80 U 156-59-2 cis-1,2-Dichloroethene 0.80 U 78-93-3 2-Butanone 4.4 J 74-97-5 Bromochloromethane 0.80 U 67-66-3 Chloroform 0.80 U 71-55-6 1,1,1-Trichloroethane 0.80 U 110-82-7 Cyclohexane 0.80 U 56-23-5 Carbon tetrachloride 0.80 U 71-43-2 Benzene 0.80 U			0.80	ט
156-60-5			20	
75-34-3	156-60-5	trans-1,2-Dichloroethene	0.80	U
75-34-3	1634-04-4	Methyl tert-butyl ether	0.54	J
78-93-3 2-Butanone 4.4 J 74-97-5 Bromochloromethane 0.80 U 67-66-3 Chloroform 0.80 U 71-55-6 1,1,1-Trichloroethane 0.80 U 110-82-7 Cyclohexane 0.80 U 56-23-5 Carbon tetrachloride 0.80 U 71-43-2 Benzene 0.80 U	75-34-3	1,1-Dichloroethane	0.80	-
74-97-5 Bromochloromethane	156-59-2	cis-1,2-Dichloroethene	0.80	ט
67-66-3 Chloroform 0.80 U	78-93-3	2-Butanone	4.4	J
71-55-6	74-97-5	Bromochloromethane	0.80	ט
110-82-7 Cyclohexane	67-66-3	Chloroform	j 0.80	U
110-82-7 Cyclohexane	71-55-6	1,1,1-Trichloroethane	0.80	ט
56-23-5 Carbon tetrachloride	110-82-7		0.80	ע \
71-43-2 Benzene 0.80 U		Carbon tetrachloride	0.80	ט
107-06-2 1,2-Dichloroethane 0.80 U	71-43-2	!	0.80	ט
	107-06-2	1,2-Dichloroethane	0.80	ן ט
			\	

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

EPA SAMPLE NO. D32.OHIGH

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823201

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823201D

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.6

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

,		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================			=======
79-01-6	Trichloroethene	0.80	ן ט
108-87-2	Methylcyclohexane	0.80	U
78-87-5	1,2-Dichloropropane	0.80	ן ט
75-27-4	Bromodichloromethane	0.80	U
10061-01-5	cis-1,3-Dichloropropene	0.80	ן ט י
108-10-1		8.0	ן ט ן
108-88-3		0.77	J
	trans-1,3-Dichloropropene	0.80	ט
79-00-5		0.80	ט (
127-18-4	Tetrachloroethene	0.63	J
591-78-6	2-Hexanone	8.0	ប
	Dibromochloromethane	0.80	ט
	1,2-Dibromoethane	0.80	ט
108-90-7		0.80	U
100-41-4	Ethylbenzene	0.80	U
95-47-6	o-Xylene	0.80	ן ט
179601-23-1	m,p-Xylene	0.80	ט
100-42-5	Styrene	0.80	\ U
75-25-2	Bromoform	0.80	ט
98-82-8	Isopropylbenzene	0.80	ן ט
79-34-5	1,1,2,2-Tetrachloroethane	0.80	<u>u</u>
541-73-1	1,3-Dichlorobenzene	0.80	ט
106-46-7	1,4-Dichlorobenzene	0.80	ט
95-50-1	1,2-Dichlorobenzene	0.80	ט
96-12-8	1,2-Dibromo-3-chloropropane	0.80	\ <u>u</u>
1	1,2,4-Trichlorobenzene	0.80	U
87-61-6	1,2,3-Trichlorobenzene	0.80	U
1	<u> </u>		.

D32.0HIGH

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823201

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823201D

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/22/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.6

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
		=======	=======================================	=====
420-56-4	Trimethylsilyl fluoride	2.90	1.1	NJ
	Unknown	10.40	5.6	JXB
	_			
	-			
				42.00
	_			
		1		
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO.
D3CONTROL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823202

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823202D2

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.4

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
	=======================================		=======
75-71-8	Dichlorodifluoromethane	2.7	U
74-87-3	Chloromethane	2.7	U
75-01-4	Vinyl chloride	2.7	U
74-83-9	Bromomethane	2.7	U
75-00-3	Chloroethane	2.7	U
75-69-4	Trichlorofluoromethane	2.7	U
75-35-4	1,1-Dichloroethene	2.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.7	U
67-64-1	Acetone	15	JB U
75-15-0	Carbon disulfide	2.7	U
79-20-9	Methyl acetate	2.7	U
75-09-2		16	
156-60-5		2.7	Ū
1634-04-4	Methyl tert-butyl ether	2.7	U
75-34-3	1,1-Dichloroethane	2.7	U
156-59-2	cis-1,2-Dichloroethene	1.1	J
78-93-3	2-Butanone	27	U
74-97-5	Bromochloromethane	2.7	U
67-66-3	Chloroform	2.7	U
71-55-6	1,1,1-Trichloroethane	2.7	U
110-82-7	Cyclohexane	2.7	U
56-23-5	Carbon tetrachloride	2.7	U
71-43-2	Benzene	2.7	U
107-06-2	1,2-Dichloroethane	2.7	U

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

EPA SAMPLE NO. D3CONTROL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823202

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823202D2

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 5.4

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L) Q
2000222222			=======
79-01-6	Trichloroethene	700	E
108-87-2	Methylcyclohexane	2.7	ן ט
78-87-5	·	2.7	ן ט
75-27-4	Bromodichloromethane	2.7	υ
10061-01-5	cis-1,3-Dichloropropene	2.7	ប
108-10-1	4-Methyl-2-pentanone	27	ן טן
108-88-3	Toluene	2.7	ן ט ן
10061-02-6	trans-1,3-Dichloropropene	2.7	ן טן
79-00-5		2.7	ן ש
127-18-4	Tetrachloroethene	5.6	
591-78-6	2-Hexanone	27	ប
124-48-1	Dibromochloromethane	2.7	U
	1,2-Dibromoethane	2.7	ן ט
108-90-7	Chlorobenzene	2.7	ן ט
100-41-4	Ethylbenzene	2.7	ן ט ן
95-47-6	o-Xylene	2.7	ן ט
179601-23-1		2.7	ן ט
100-42-5	Styrene	2.7	ן ט
75-25-2	Bromoform	2.7	ן ט ן
98-82-8	Isopropylbenzene	2.7	U
79-34-5		2.7	U
541-73-1		2.7	ָ <mark></mark> ד
	1,4-Dichlorobenzene	2.7	ָ <mark>ប</mark>
	1,2-Dichlorobenzene	2.7	U
	1,2-Dibromo-3-chloropropane	2.7	Ŭ
120-82-1		2.7	U
87-61-6	1,2,3-Trichlorobenzene	2.7	ט
l		l	.1

EPA SAMPLE NO.
D3CONTROL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823202

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823202D2

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/24/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.4

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
=======================================		======	=========	
	Unknown	7.02	1.6	JXB
		200		
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				·
			_	.
				1
				1
				-
			_	-
				1
				-
				-
				-
				-
				-
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO. D3CONTROLDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

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

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823202D1

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823202D

Date Received: 03/19/2010

Level: (TRACE/LOW/MED) TRACE

Date Analyzed: 03/21/2010

% Moisture: not dec.

GC Column: DB-624 ID: 0.53

(mm) Dilution Factor: 62.9

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

1		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
********		************	
75-71-8	Dichlorodifluoromethane	31	ס
74-87-3	Chloromethane	31	U
75-01-4	Vinyl chloride	31	ប
74-83-9		31	ט
75-00-3	Chloroethane	31	ū
75-69-4	Trichlorofluoromethane	31	ס
75-35-4	1,1-Dichloroethene	31	ס
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	31	ט
	Acetone	310	ט
75-15-0	Carbon disulfide	31	U
79-20-9	Methyl acetate	31	ס
75-09-2	Methylene chloride	[19	DJ
156-60-5		31	U
1634-04-4	Methyl tert-butyl ether	j 31	ס (
75-34-3	1,1-Dichloroethane	31	ט
156-59-2	cis-1,2-Dichloroethene	31	ן ס
78-93-3	2-Butanone	310	ן ס
74-97-5	Bromochloromethane	31.	ן ט
67-66-3	Chloroform	31	ס
71-55-6	1,1,1-Trichloroethane	31	ט
	Cyclohexane	31	ט
56-23-5	Carbon tetrachloride	31	U
71-43-2	f contract the second s	31	ם
107-06-2	1,2-Dichloroethane	31	ן ט
·		l	l

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

EPA SAMPLE NO. D3CONTROLDL

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Level: (TRACE/LOW/MED) TRACE

Lab Sample ID: 823202D1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: 823202D

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 62.9

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
			======
79-01-6	Trichloroethene	880	D
108-87-2	Methylcyclohexane	31	ប
78-87-5	1,2-Dichloropropane	31	ט
75-27-4	Bromodichloromethane] 31	U
10061-01-5	cis-1,3-Dichloropropene	31	ן ס
108-10-1	4-Methyl-2-pentanone	310	ซ
108-88-3	Toluene] 31	ប
10061-02-6	trans-1,3-Dichloropropene	j 31	ן ט
79-00-5	1.1.2-Trichloroethane	31	ប
127-18-4	Tetrachloroethene	31	ប
	2-Hexanone	j 310	Įυ
	Dibromochloromethane	j 31	ប
	1,2-Dibromoethane	31	U
	Chlorobenzene	31	ប
100-41-4	Ethylbenzene	j 31	U
95-47-6	o-Xylene	31	ប
179601-23-1	m,p-Xylene	j 31	U
100-42-5	Styrene	31	ן ט
75-25-2		31	ប
98-82-8		31	ប្រ
79-34-5		31	\ U
541-73-1	1,3-Dichlorobenzene	31	U
106-46-7	1,4-Dichlorobenzene	31) ប
95-50-1	1,2-Dichlorobenzene	31	ប
96-12-8	1,2-Dibromo-3-chloropropane	j 31	ט
120-82-1	1,2,4-Trichlorobenzene	31	U
87-61-6	1,2,3-Trichlorobenzene	j 31	U
			l

EPA SAMPLE NO.
D3CONTROLDL

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823202D1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823202D

Level: (TRACE or LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 62.9

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
		=======		====
	Unknown	10.39	230	JXBD
	ommonii ,	20.55		
				-
	·			
<u> </u>				
				
	\ <u> </u>			
				-
E966796(1)	Total Alkanes	N/A		

(1) EPA-designated Registry Number.

EPA SAMPLE NO. TRIP BLANK

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV

Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823203

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823203

Level: (TRACE/LOW/MED) TRACE

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Purge Volume: 25.0

(mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
=======================================	*****************		=======
75-71-8	Dichlorodifluoromethane	0.50	ן ש
	Chloromethane	0.50	<u> </u>
75-01-4	Vinyl chloride	0.50	ប
74-83-9	Bromomethane	0.50	ן ט
75-00-3	Chloroethane	0.50	ן ט
75-69-4	Trichlorofluoromethane	0.50	ָ ט
75-35-4	1,1-Dichloroethene	0.50	ן ט
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ן ט
67-64-1	Acetone	5.0	ן ט
75-15-0	Carbon disulfide	0.50	ן טן
79-20-9		0.50	ן טן
75-09-2		0.50	ן טן
156-60-5	trans-1,2-Dichloroethene	0.50] ប
	Methyl tert-butyl ether	0.50	ן טן
	1,1-Dichloroethane	0.50	U
	cis-1,2-Dichloroethene	0.50	ן טן
78-93-3		5.0	ן ט
74-97-5	Bromochloromethane	0.50	ן ט ן
	Chloroform	0.50	[ប
	1,1,1-Trichloroethane	0.50	U
	Cyclohexane	0.50	U
56-23-5		0.50	ן ט
71-43-2		į 0.50	ן ט (
107-06-2	1,2-Dichloroethane	0.50	ט
}			I!

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

EPA SAMPLE NO.
TRIP BLANK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: LASS Mod. Ref No.: SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 823203

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: 823203

Level: (TRACE/LOW/MED) TRACE Date Received: 03/19/2010

% Moisture: not dec. Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.0 (mL)

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	0
	COMPOUND	(ug/1) or ug/kg/ ug/1	
222222222		2 50	
79-01-6	Trichloroethene	0.50	Ü
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	ט
75-27-4	Bromodichloromethane	0.50	Ü
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	ŭ
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	ט
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	ט
591-78-6	2-Hexanone	5.0	ט
124-48-1	Dibromochloromethane	0.50	ט
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	Ū
100-41-4	Ethylbenzene	0.50	ប
95-47-6	o-Xylene	0.50	ט
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
	1,3-Dichlorobenzene	0.50	บ
106-46-7	1,4-Dichlorobenzene	0.50	Ū
95-50-1	1,2-Dichlorobenzene	0.50	U
	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1		0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

EPA SAMPLE NO. TRIP BLANK

Lab Name: TESTAMERICA BURLINGTON

Contract: 29000

Lab Code: STLV Case No.: LASS

Mod. Ref No.:

SDG No.: 136424

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: 823203

Sample wt/vol: 25.0

(g/mL) mL

Lab File ID: 823203

Level: (TRACE or LOW/MED) TRACE

CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

(1) EPA-designated Registry Number.

Date Received: 03/19/2010

% Moisture: not dec.

Date Analyzed: 03/21/2010

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

(uL)

Soil Extract Volume:

(uL)

Soil Aliquot Volume: Purge Volume: 25.0

(mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=======================================	=== ===================================		=========	====:
	Unknown	10.40	3.7	JXB
				07.70
-		_		
				-
	_			-
				-
Marie Company				
E966796(1)	Total Alkanes	N/A		

APPENDIX C

0f 624

TestAn	nerica
THE LEADER IN ENVIR	ONMENTAL TESTING

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

CHAIN OF CUSTODY RECORD

Compa Addre	:ss:_	STATE B. MEGFUND MY DESS										_	•	\NALY:		<i>[</i>									Leb Use Only Due Date: Temp. of coolers when received (C'	7: 1.3 4 5
Pho Contra	ne:_ Fax:_	60	9 -	7,4). 1745 - 2426 - 2455	<u>ی</u>	_ Pho	act: nne: Fax:				_			50m 01.3		//	$^{\prime}/$	$^{\prime}/$		$\bigg/$		$^{\prime}//$		Custody Seal Intact Screenod For Radioactivity	n Ø n Ø □
Sample	ćч		D.	i	۱۸، دلو		Sampler	s Signature	<u>-</u>								/	/ /	/ /	'		$^{\prime}$ $/$				
Proj. N	0 .	Project Name .					npe of C		ers ²		- 1	40			/	/		/								
Mairix'	Date	Time	COEG	Grab	Identity	ing Marks of S	ample(s)		VOA	A/G 1 Lt.	250 ml	P/O				1		\perp	\angle	Ц	<u>_</u>	\angle	·	Lab	/Sample ID (Lab U	se Only)
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			_			Date 3/6/	Time	Received by: (Signature)	lir	•		Date 1191 Dato	Ю	Time	1025	Rema	na h								ALD A	·3
<u> </u>		by: (Sig				Date	Time	Received by: (Signature)				Date		Time							n the I	Price :	Sched	ule.	stAmerica	
	terms and conditions contained in the Price Schedule. 'Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Studge O - Oil TestAmerica Cannot accept verbal changes. 'Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Studge O - Oil TestAmerica Cannot accept verbal changes. Flease Fax written changes to (802) 650-1919																									

CHAIN OF CUSTODY RECORD Clean's defreny of samples constitutes acceptance of TestAmerica.

Lerms and conditions contained in the Price Bchedule.

TestAmerica Cannot accept verbal changes.

Desce Fax written changes to Please Fax written changes to (802) 660-1919 2 3 4 6 **9** ≥ ₽/z (AmO eath dau) Ci etquas/qui Ź when received (C): femp, of coolers Screened For RadioactMty BOTTES Lab Use Only Due Date: Custody Sad Ascurbic Acia Intact ζ, Arent Ramarts /2:519 -4 1 Quent H St. - Sludge 200 emit -5 10 mos ANALYSIS REQUESTED 40X-721 P/O · Pleatic or other __ Ē Ē M 2 PI S C . Charcoel Tube 8 8 300 No/Type of Containers³ 25 E South Burlington, VT 05403 Tel: 802 660 1990 \$ ± L - Liquid A - Air bag 250 ml - Glass wide mouth ర్థ ÷ invoice to: Roceived by: (Signature) ROPERTON (SUPPLED) Received by: (Signature) 5446 5,75 Burlington 30 Community Drive, Sulte 11 Sampler's Signature 59,50 Contact: MEDICA æ Company: Address: Phone: サンナ H v. H W · Water 8 · Soll A/G · Amber / Or Glass 1 Liter ANATION Ē identifying Marks of Sample(s) 品 Ē ン・ビン・ハ 20% aladk 175 % 2.5.76 7//× TO EAST STE 25080 3 3 Company: PANHER PERHNOLOGIES A Am A E'N LE पूर्व D. 12 wsum 0=3 Phone: 609-714- 2423 D= 3 0-3, 8:3 Fax: 64-714-2455 **TestAmerica** THE LEADER IN ENVIRONMENTAL TESTING theo, sund NI • Wastewater • 40 mi vial Dyrel Report to: Project Name 又 メ X Reimputched by: (Signature) tempatisfields. (Signature) Address: 22º A.T. Contact: # +1~ S ₹ § 8 750 5 ž Bempler's Name んとこと 3//1 Osts 'Matrix Container 313001 Contract/ 为 Pat Ro at the (1001)NESS-1AT