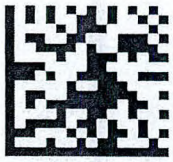

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Report.HW.336025.12-21-2007.DateForSVImonitoring

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

December 21, 2007

Mr. Emory Lawson
Ecosystems Strategies, Inc.
24 Davis Ave
Poughkeepsie, NY 12603

Re: Laboratory Project No. 27000
Case: 27000; SDG: 123356

Dear Mr. Lawson:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on December 11th, 2007. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/11/07 ETR No: 123356		
734834	324 HIGHLAND AVE SG-1	12/04/07	AIR
734835	313 HIGHLAND AVE SG-2	12/04/07	AIR
734836	327 HIGHLAND AVE CA-1	12/04/07	AIR
734837	DUPLICATE (DUP-1)	12/04/07	AIR
734838	OUTSIDE (OUT-1)	12/04/07	AIR
734839	325 HIGHLAND AVE CA-2	12/04/07	AIR
734840	319 HIGHLAND AVE CA-3	12/04/07	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The laboratory noted no exceptions to the method quality control requirements during the analysis of the samples referenced above.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

30 Community Drive, Suite 11 South Burlington, VT 05403 **tel** 802.660.1990 **fax** 802.660.1919 **www.testamericainc.com**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

327 HIGHLAND AVE CA-1

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 4.00

Sample Matrix: AIR

Lab Sample No.: 734836

Date Analyzed: 12/14/2007

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
Tetrachloroethene	127-18-4	0.040	U	0.040	0.27	U	0.27

TO-14/15
Result Summary

CLIENT SAMPLE NO.

DUPLICATE (DUP-1)

Lab Name: TAL Burlington

SDG Number: 123356

Lab Sample No.: 734837

Dilution Factor: 4.00

Date Analyzed: 12/14/2007

Sample Matrix: AIR

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
Tetrachloroethene	127-18-4	0.040	U	0.040	0.27	U	0.27

TO-14/15
Result Summary

CLIENT SAMPLE NO.

OUTSIDE (OUT-1)

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 4.00

Sample Matrix: AIR

Lab Sample No.: 734838

Date Analyzed: 12/14/2007

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
Tetrachloroethene	127-18-4	0.040	U	0.040	0.27	U	0.27

TO-14/15
Result Summary

CLIENT SAMPLE NO.

325 HIGHLAND AVE CA-2

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 4.00

Sample Matrix: AIR

Lab Sample No.: 734839

Date Analyzed: 12/14/2007

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
Tetrachloroethene	127-18-4	0.040	U	0.040	0.27	U	0.27

TO-14/15
Result Summary

CLIENT SAMPLE NO.

319 HIGHLAND AVE CA-3

Lab Name: TAL Burlington

SDG Number: 123356

Lab Sample No.: 734840

Dilution Factor: 4.00

Date Analyzed: 12/14/2007

Sample Matrix: AIR

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
Tetrachloroethene	127-18-4	0.040	U	0.040	0.27	U	0.27

TO-14/15
Result Summary

CLIENT SAMPLE NO.

EA121407LCS

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: EA121407

Date Analyzed: 12/14/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.23		0.020	0.59		0.051
1,1-Dichloroethene	75-35-4	0.19		0.010	0.75		0.040
trans-1,2-Dichloroethene	156-60-5	0.22		0.010	0.87		0.040
1,2-Dichloroethene (total)	540-59-0	0.42		0.010	1.7		0.040
cis-1,2-Dichloroethene	156-59-2	0.20		0.010	0.79		0.040
1,2-Dichloroethane	107-06-2	0.23		0.020	0.93		0.081
Trichloroethene	79-01-6	0.20		0.010	1.1		0.054
Tetrachloroethene	127-18-4	0.16		0.010	1.1		0.068

TO-14/15
Result Summary

CLIENT SAMPLE NO.

EA121407LCSD

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: EA121407

Date Analyzed: 12/14/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.22		0.020	0.56		0.051
1,1-Dichloroethene	75-35-4	0.19		0.010	0.75		0.040
trans-1,2-Dichloroethene	156-60-5	0.21		0.010	0.83		0.040
1,2-Dichloroethene (total)	540-59-0	0.41		0.010	1.6		0.040
cis-1,2-Dichloroethene	156-59-2	0.19		0.010	0.75		0.040
1,2-Dichloroethane	107-06-2	0.21		0.020	0.85		0.081
Trichloroethene	79-01-6	0.19		0.010	1.0		0.054
Tetrachloroethene	127-18-4	0.15		0.010	1.0		0.068

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK121407EA

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK1214

Date Analyzed: 12/14/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.020	U	0.020	0.051	U	0.051
1,1-Dichloroethene	75-35-4	0.010	U	0.010	0.040	U	0.040
trans-1,2-Dichloroethene	156-60-5	0.010	U	0.010	0.040	U	0.040
1,2-Dichloroethene (total)	540-59-0	0.010	U	0.010	0.040	U	0.040
cis-1,2-Dichloroethene	156-59-2	0.010	U	0.010	0.040	U	0.040
1,2-Dichloroethane	107-06-2	0.020	U	0.020	0.081	U	0.081
Trichloroethene	79-01-6	0.010	U	0.010	0.054	U	0.054
Tetrachloroethene	127-18-4	0.010	U	0.010	0.068	U	0.068

TO-14/15
Result Summary

CLIENT SAMPLE NO.

324 HIGHLAND AVE SG-1

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 734834

Date Analyzed: 12/13/2007

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.56		0.20	1.4		0.51
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene (total)	540-59-0	0.41		0.20	1.6		0.79
cis-1,2-Dichloroethene	156-59-2	0.41		0.20	1.6		0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.31		0.20	2.1		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

313 HIGHLAND AVE SG-2

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 0.80

Sample Matrix: AIR

Lab Sample No.: 734835

Date Analyzed: 12/13/2007

Date Received: 12/11/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
Tetrachloroethene	127-18-4	0.16	U	0.16	1.1	U	1.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BA121107LCS

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: BA121107

Date Analyzed: 12/13/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	12		0.20	31		0.51
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
1,2-Dichloroethene (total)	540-59-0	21		0.20	83		0.79
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	10		0.20	54		1.1
Tetrachloroethene	127-18-4	7.7		0.20	52		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BA121107LCSD

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: BA121107

Date Analyzed: 12/13/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	12		0.20	31		0.51
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
1,2-Dichloroethene (total)	540-59-0	22		0.20	87		0.79
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	10		0.20	54		1.1
Tetrachloroethene	127-18-4	8.0		0.20	54		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK121207BA

Lab Name: TAL Burlington

SDG Number: 123356

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK1212

Date Analyzed: 12/13/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: Greater than 40% difference for detected concentrations between two GC columns. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Emery Lawson	Samples Collected By: FDL/RH	1 of 2 COCs
Company: Ecosystem Strategies Inc	Phone: (845) 452-1658		
Address: 24 Davis Ave	Email: mail@ecosystemsstrategies.com		
City/State/Zip: Poughkeepsie, NY 12603	Site Contact: Emery Lawson		
Phone: (845) 452-1033	STL Contact: Erin Evans		
FAX: (845) 485-7083	**Analysis Turnaround Time**		
Project Name: LM97145.41	Standard (Specify)		
Site: Laurwal	Rush (Specify)		
PO #			

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15 (low level)*	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)**	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
324 Highland Ave (SG-1)	12/3-12/4	11:58	2:25	29	20	2835	6126	X					X						
313 Higland Ave (SG-2)	12/3-12/4	1:27	1:27	29	0.0	3546	2997	X					X						
327 Highland Ave (CA-1)	12/3-12/4	2:17	2:17	30	8.0	3026	6485	X											
Duplicate (Dup-1)	12/3-12/4	2:22	2:22	29	0.0	3980	5291	X											
Outside (Out-1)	12/3-12/4	2:15	2:15	29	15.0	4046	6476	X											
325 Highland Ave (CA-2)	12/3-12/4	3:08	3:08	29.5	0.0	3115	1563	X											

Temperature (Fahrenheit)			
	Interior	Ambient	
Start			
Stop			

Pressure (Inches of Hg)			
	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:
* TO-15 for the following: PCE; TCE; 1,1-DCE; cis-1,2, DCE; trans-1,2,-DCE; 1,2 dichlorethane; and VC
** Other - Helium by USEPA Method 3C

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by:	Date/Time: 12/7/07	Received by: 12/7/07 15:25
Relinquished by: TAT	Date/Time: 12/10/07 16:40	Received by: Jessica Burdick 12/11/07 0935

Lab Use Only | Shipper Name: | Opened by: | Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Emery Lawson	Samples Collected By: EDL/RH	2 of 2 COCs
Company: Ecosystem Strategies	Phone:		
Address:	Email:		
City/State/Zip			
Phone:	Site Contact:		
FAX:	STL Contact:		
Project Name:	**Analysis Turnaround Time**		
Site:	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 (low level)*	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
319 Highland Ave (CA-3)	12/4-12/5	17:30	11:35	25	0.0	4490	6414	X											

	Temperature (Fahrenheit)		
	Interior	Ambient	
Start			
Stop			

	Pressure (Inches of Hg)		
	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:
*TO-15 for the following: PCE; TCE; 1,1-DCE; cis-1,2 DCE; trans-1,2 DCE; 1,2 dichlorethane; and VC

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by:	Date/Time: 12/7/07	Received by: 12/7/07 1525
Relinquished by: TACT	Date/Time: 12/10/07 16:40	Received by: 12/11/07 0925

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Low Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

319 HIGHL AND AVE CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734840

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 734840

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.080	U
75-35-4	1,1-Dichloroethene	0.040	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
107-06-2	1,2-Dichloroethane	0.080	U
79-01-6	Trichloroethene	0.040	U
127-18-4	Tetrachloroethene	0.040	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

325 HIGHL AND AVE CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734839

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 734839

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.080	U
75-35-4	1,1-Dichloroethene	0.040	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
107-06-2	1,2-Dichloroethane	0.080	U
79-01-6	Trichloroethene	0.040	U
127-18-4	Tetrachloroethene	0.040	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

327 HIGHL AND AVE CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734836

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 734836

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.080	U
75-35-4	1,1-Dichloroethene	0.040	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
107-06-2	1,2-Dichloroethane	0.080	U
79-01-6	Trichloroethene	0.040	U
127-18-4	Tetrachloroethene	0.040	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

DUPLICATE DUP-1

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734837

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 734837

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.080	U
75-35-4	1,1-Dichloroethene	0.040	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
107-06-2	1,2-Dichloroethane	0.080	U
79-01-6	Trichloroethene	0.040	U
127-18-4	Tetrachloroethene	0.040	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

OUTSIDE OUT-1

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734838

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 734838

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.080	U
75-35-4	1,1-Dichloroethene	0.040	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
107-06-2	1,2-Dichloroethane	0.080	U
79-01-6	Trichloroethene	0.040	U
127-18-4	Tetrachloroethene	0.040	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK121407EA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: MBLK121407EA

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: ECUB01B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.020	U
75-35-4	1,1-Dichloroethene	0.010	U
156-60-5	trans-1,2-Dichloroethene	0.010	U
540-59-0	1,2-Dichloroethene (total)	0.010	U
156-59-2	cis-1,2-Dichloroethene	0.010	U
107-06-2	1,2-Dichloroethane	0.020	U
79-01-6	Trichloroethene	0.010	U
127-18-4	Tetrachloroethene	0.010	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EA121407LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: EA121407LCS

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: ECU20BQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.23	
75-35-4	1,1-Dichloroethene	0.19	
156-60-5	trans-1,2-Dichloroethene	0.22	
540-59-0	1,2-Dichloroethene (total)	0.42	
156-59-2	cis-1,2-Dichloroethene	0.20	
107-06-2	1,2-Dichloroethane	0.23	
79-01-6	Trichloroethene	0.20	
127-18-4	Tetrachloroethene	0.16	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EA121407LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: EA121407LCSD

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: ECU20BQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.22	
75-35-4	1,1-Dichloroethene	0.19	
156-60-5	trans-1,2-Dichloroethene	0.21	
540-59-0	1,2-Dichloroethene (total)	0.41	
156-59-2	cis-1,2-Dichloroethene	0.19	
107-06-2	1,2-Dichloroethane	0.21	
79-01-6	Trichloroethene	0.19	
127-18-4	Tetrachloroethene	0.15	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix Spike - Sample No.: EA121407LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Vinyl Chloride	0.20		0.23	115	70-130
1,1-Dichloroethene	0.20		0.19	95	70-130
trans-1,2-Dichloroethen	0.20		0.22	110	70-130
1,2-Dichloroethene (tot	0.40		0.42	105	70-130
cis-1,2-Dichloroethene	0.20		0.20	100	70-130
1,2-Dichloroethane	0.20		0.23	115	70-130
Trichloroethene	0.20		0.20	100	70-130
Tetrachloroethene	0.20		0.16	80	70-130

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	0.20	0.22	110	4	25	70-130
1,1-Dichloroethene	0.20	0.19	95	0	25	70-130
trans-1,2-Dichloroethen	0.20	0.21	105	5	25	70-130
1,2-Dichloroethene (tot	0.40	0.41	102	3	25	70-130
cis-1,2-Dichloroethene	0.20	0.19	95	5	25	70-130
1,2-Dichloroethane	0.20	0.21	105	9	25	70-130
Trichloroethene	0.20	0.19	95	5	25	70-130
Tetrachloroethene	0.20	0.15	75	6	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 8 outside limits
Spike Recovery: 0 out of 16 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK121407EA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: ECUB01B Lab Sample ID: MBLK121407EA

Date Analyzed: 12/14/07 Time Analyzed: 1354

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	EA121407LCS	EA121407LCS	ECU20BQ	1216
02	EA121407LCSD	EA121407LCSD	ECU20BQD	1305
03	327 HIGHLAND	734836	734836	1708
04	DUPLICATE DU	734837	734837	1755
05	OUTSIDE OUT-	734838	734838	1843
06	325 HIGHLAND	734839	734839	1930
07	319 HIGHLAND	734840	734840	2017
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: ECU01PV BFB Injection Date: 12/11/07

Instrument ID: E BFB Injection Time: 1143

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	12.3
75	30.0 - 66.0% of mass 95	42.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	75.5
175	4.0 - 9.0% of mass 174	5.4 (7.1)1
176	93.0 - 101.0% of mass 174	73.4 (97.2)1
177	5.0 - 9.0% of mass 176	4.8 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD10	ASTD10	ECU10V2	12/11/07	1316
02	ASTD20	ASTD20	ECU20V	12/11/07	1403
03	ASTD50	ASTD50	ECU50V	12/11/07	1450
04	ASTD100	ASTD100	ECU100V	12/11/07	1538
05	ASTD200	ASTD200	ECU200V	12/11/07	1627
06	ASTD500	ASTD500	ECU500V	12/11/07	1714
07	ASTD750	ASTD750	ECU750V	12/11/07	1802
08	ASTD1000	ASTD1000	ECU1000V	12/11/07	1851
09	ASTD1500	ASTD1500	ECU1500V	12/11/07	1937
10	ASTD2000	ASTD2000	ECU2000V	12/12/07	0842
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: ECU03PV BFB Injection Date: 12/14/07

Instrument ID: E BFB Injection Time: 1038

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.9
75	30.0 - 66.0% of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.3 (0.5)1
174	50.0 - 120.0% of mass 95	63.7
175	4.0 - 9.0% of mass 174	4.5 (7.1)1
176	93.0 - 101.0% of mass 174	61.1 (96.0)1
177	5.0 - 9.0% of mass 176	3.9 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD200	ASTD200	ECU20BV	12/14/07	1126
02	EA121407LCS	EA121407LCS	ECU20BQ	12/14/07	1216
03	EA121407LCSD	EA121407LCSD	ECU20BQD	12/14/07	1305
04	MBLK121407EA	MBLK121407EA	ECUB01B	12/14/07	1354
05	327 HIGHLAND	734836	734836	12/14/07	1708
06	DUPLICATE DU	734837	734837	12/14/07	1755
07	OUTSIDE OUT-	734838	734838	12/14/07	1843
08	325 HIGHLAND	734839	734839	12/14/07	1930
09	319 HIGHLAND	734840	734840	12/14/07	2017
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: E Calibration Date(s): 12/11/07 12/12/07

Heated Purge: (Y/N) N Calibration Time(s): 1316 0842

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.01=ECU10V2 RRF0.02=ECU20V
RRF0.05=ECU50V RRF0.1=ECU100V RRF0.2=ECU200V

COMPOUND	RRF 0.01	RRF 0.02	RRF 0.05	RRF0.1	RRF0.2	$\overline{RRF}$	% RSD
Vinyl Chloride		0.517	0.603	0.727	0.612		
1,1-Dichloroethene	1.478	0.902	0.938	1.141	0.980		
trans-1,2-Dichloroethene	1.609	0.983	1.259	1.567	1.383		
1,2-Dichloroethene (total)	1.581	0.929	1.180	1.468	1.281		
cis-1,2-Dichloroethene	1.554	0.875	1.100	1.370	1.178		
1,2-Dichloroethane		0.192	0.232	0.283	0.270		
Trichloroethene	0.388	0.230	0.265	0.338	0.311		
Tetrachloroethene	0.533	0.334	0.410	0.483	0.675		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: E Calibration Date(s): 12/11/07 12/12/07

Heated Purge: (Y/N) N Calibration Time(s): 1316 0842

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.5=ECU500V RRF0.75=ECU750V
RRF1 =ECU1000V RRF1.5=ECU1500V RRF2 =ECU2000V

COMPOUND	RRF0.5	RRF 0.75	RRF1	RRF1.5	RRF2	$\overline{RRF}$	% RSD
Vinyl Chloride	0.694		0.775			0.655	14.5
1,1-Dichloroethene	1.071		1.195			1.101	18.0
trans-1,2-Dichloroethene	1.478		1.620			1.414	16.3
1,2-Dichloroethene (total)	1.360		1.484			1.326	16.6
cis-1,2-Dichloroethene	1.242		1.349			1.238	17.5
1,2-Dichloroethane	0.258		0.300			0.256	15.2
Trichloroethene	0.307		0.369			0.315	17.6
Tetrachloroethene	0.485		0.497			0.488	21.6

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: E Calibration Date: 12/14/07 Time: 1126

Lab File ID: ECU20BV Init. Calib. Date(s): 12/11/07 12/12/07

Heated Purge: (Y/N) N Init. Calib. Times: 1316 0842

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF0.2	MIN RRF	%D	MAX %D
Vinyl Chloride	0.655	0.703	0.01	7.3	30.0
1,1-Dichloroethene	1.101	0.994	0.01	9.7	30.0
trans-1,2-Dichloroethene	1.414	1.482	0.01	4.8	30.0
1,2-Dichloroethene (total)	1.326	1.347	0.01	1.6	30.0
cis-1,2-Dichloroethene	1.238	1.212	0.01	2.1	30.0
1,2-Dichloroethane	0.256	0.268	0.01	4.7	30.0
Trichloroethene	0.315	0.301	0.01	4.4	30.0
Tetrachloroethene	0.488	0.389	0.01	20.3	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID (Standard): ECU20BV Date Analyzed: 12/14/07

Instrument ID: E Time Analyzed: 1126

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	1373342	8.94	7389518	9.85	7062974	12.29
	UPPER LIMIT	1922679	9.27	10345325	10.18	9888164	12.62
	LOWER LIMIT	824005	8.61	4433711	9.52	4237784	11.96
	CLIENT SAMPLE NO.						
01	EA121407LCS	1265592	8.94	6746692	9.85	6593095	12.29
02	EA121407LCSD	1347773	8.94	7306823	9.85	7097136	12.30
03	MBLK121407EA	1139802	8.94	6248324	9.85	5930783	12.30
04	327 HIGHLAND	1190259	8.94	6363243	9.85	6154075	12.29
05	DUPLICATE DU	1261973	8.94	6741907	9.85	6438533	12.29
06	OUTSIDE OUT-	1015839	8.94	5693254	9.85	5245669	12.29
07	325 HIGHLAND	1274447	8.94	7041506	9.85	6738586	12.29
08	319 HIGHLAND	1263924	8.94	7042978	9.85	6751159	12.29
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

313 HIGHL
AND AVE SG

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734835

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 734835

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/13/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
156-59-2	cis-1,2-Dichloroethene	0.16	U
107-06-2	1,2-Dichloroethane	0.16	U
79-01-6	Trichloroethene	0.16	U
127-18-4	Tetrachloroethene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

324 HIGHL
AND AVE SG

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734834

Sample wt/vol: 504.0 (g/mL) ML Lab File ID: 734834

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/13/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.56	
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene (total)	0.41	
156-59-2	cis-1,2-Dichloroethene	0.41	
107-06-2	1,2-Dichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
127-18-4	Tetrachloroethene	0.31	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK121207BA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: MBLK121207BA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BGIB01J

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/13/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene (total)	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
127-18-4	Tetrachloroethene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BA121107LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: BA121107LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BGI10JQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/13/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	12	
75-35-4	1,1-Dichloroethene	12	
156-60-5	trans-1,2-Dichloroethene	11	
540-59-0	1,2-Dichloroethene (total)	21	
156-59-2	cis-1,2-Dichloroethene	10	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	10	
127-18-4	Tetrachloroethene	7.7	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BA121107LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: BA121107LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BGI10JQ2

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/13/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-01-4	Vinyl Chloride	12	
75-35-4	1,1-Dichloroethene	12	
156-60-5	trans-1,2-Dichloroethene	11	
540-59-0	1,2-Dichloroethene (total)	22	
156-59-2	cis-1,2-Dichloroethene	11	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	10	
127-18-4	Tetrachloroethene	8.0	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix Spike - Sample No.: BA121107LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Vinyl Chloride	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
trans-1,2-Dichloroethen	10		11	110	70-130
1,2-Dichloroethene (tot	20		21	105	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethane	10		11	110	70-130
Trichloroethene	10		10	100	70-130
Tetrachloroethene	10		7.7	77	70-130

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10	12	120	0	25	70-130
1,1-Dichloroethene	10	12	120	0	25	70-130
trans-1,2-Dichloroethen	10	11	110	0	25	70-130
1,2-Dichloroethene (tot	20	22	110	5	25	70-130
cis-1,2-Dichloroethene	10	11	110	10	25	70-130
1,2-Dichloroethane	10	11	110	0	25	70-130
Trichloroethene	10	10	100	0	25	70-130
Tetrachloroethene	10	8.0	80	4	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 8 outside limits
Spike Recovery: 0 out of 16 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK121207BA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: BGIB01J Lab Sample ID: MBLK121207BA

Date Analyzed: 12/13/07 Time Analyzed: 1451

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	BA121107LCS	BA121107LCS	BGI10JQD	1313
02	BA121107LCSD	BA121107LCSD	BGI10JQ2	1401
03	324 HIGHLAND	734834	734834	2048
04	313 HIGHLAND	734835	734835	2136
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: BGI01PV BFB Injection Date: 11/28/07

Instrument ID: B BFB Injection Time: 1032

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.3
75	30.0 - 66.0% of mass 95	43.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	87.4
175	4.0 - 9.0% of mass 174	6.0 (6.8)1
176	93.0 - 101.0% of mass 174	84.0 (96.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	BGI10V	11/28/07	1345
02	ASTD015	ASTD015	BGI15V	11/28/07	1434
03	ASTD020	ASTD020	BGI20V	11/28/07	1522
04	ASTD040	ASTD040	BGI40V	11/28/07	1611
05	ASTD0002	ASTD0002	BGI002V2	11/28/07	1924
06	ASTD0005	ASTD0005	BGI005V2	11/28/07	2012
07	ASTD005	ASTD005	BGI05V2	11/29/07	0921
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09					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: BGI12PV BFB Injection Date: 12/13/07

Instrument ID: B BFB Injection Time: 0937

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.2
75	30.0 - 66.0% of mass 95	46.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	73.5
175	4.0 - 9.0% of mass 174	5.3 (7.2)1
176	93.0 - 101.0% of mass 174	71.5 (97.3)1
177	5.0 - 9.0% of mass 176	4.6 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	BGI10JV2	12/13/07	1126
02	BA121107LCS	BA121107LCS	BGI10JQD	12/13/07	1313
03	BA121107LCSD	BA121107LCSD	BGI10JQ2	12/13/07	1401
04	MBLK121207BA	MBLK121207BA	BGIB01J	12/13/07	1451
05	324 HIGHLAND	734834	734834	12/13/07	2048
06	313 HIGHLAND	734835	734835	12/13/07	2136
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: B Calibration Date(s): 11/28/07 11/29/07

Heated Purge: (Y/N) N Calibration Time(s): 1345 0921

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=BGI002V2 RRF0.5=BGI005V2
RRF2 = RRF5 =BGI05V2 RRF10 =BGI10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Vinyl Chloride	1.113	1.040		1.135	1.115		
1,1-Dichloroethene	1.091	1.024		1.069	1.109		
trans-1,2-Dichloroethene	1.641	1.657		1.656	1.729		
1,2-Dichloroethene (total)	1.469	1.415		1.421	1.488		
cis-1,2-Dichloroethene	1.298	1.173		1.186	1.247		
1,2-Dichloroethane	0.320	0.304		0.256	0.306		
Trichloroethene	0.359	0.332		0.309	0.351		
Tetrachloroethene	0.492	0.426		0.395	0.449		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: B Calibration Date(s): 11/28/07 11/29/07

Heated Purge: (Y/N) N Calibration Time(s): 1345 0921

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =BGI15V RRF20 =BGI20V
RRF40 =BGI40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Vinyl Chloride		0.885	0.861			1.025	11.9
1,1-Dichloroethene		0.974	0.969			1.039	5.8
trans-1,2-Dichloroethene		1.435	1.410			1.588	8.3
1,2-Dichloroethene (total)		1.282	1.269			1.391	6.7
cis-1,2-Dichloroethene		1.128	1.129			1.194	5.6
1,2-Dichloroethane		0.264	0.272			0.287	9.2
Trichloroethene		0.303	0.323			0.330	6.8
Tetrachloroethene		0.441	0.477			0.447	7.8

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID (Standard): BGI10JV2 Date Analyzed: 12/13/07

Instrument ID: B Time Analyzed: 1126

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	238176	8.89	1198045	9.75	1222714	12.15
	UPPER LIMIT	333446	9.22	1677263	10.08	1711800	12.48
	LOWER LIMIT	142906	8.56	718827	9.42	733628	11.82
	CLIENT SAMPLE NO.						
01	BA121107LCS	240965	8.89	1106741	9.75	1143778	12.15
02	BA121107LCSD	251703	8.90	1164971	9.75	1189457	12.15
03	MBLK121207BA	251640	8.89	1206876	9.75	948437	12.15
04	324 HIGHLAND	223213	8.89	1011540	9.75	986793	12.15
05	313 HIGHLAND	241735	8.89	1072366	9.75	1007990	12.15
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

313 HIGHLAND

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734835

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14DEC071559-R021

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.6

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.8	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ECOSTR SAMPLE NO.

324 HIGHLAND

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: 734834

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14DEC071559-R011

Level: (low/med) LOW Date Received: 12/11/07

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 4.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	%.V/V	Q
7440-59-7	Helium		7.3	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLKC121407A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: MBLKC121407A

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14DEC071334-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	%.V/V	Q
7440-59-7	Helium		1.7	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C121407ALCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix: (soil/water) AIR Lab Sample ID: C121407ALCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14DEC071334-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/14/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	%.V/V	Q
7440-59-7	Helium		8.6	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Matrix Spike - Sample No.: C121407ALCS

COMPOUND	SPIKE ADDED (%.v/v)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (%.v/v)	LCS % REC #	QC. LIMITS REC.
Helium	8.3		8.6	104	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 1 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLKC121407A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Lab File ID: 14DEC071334-R021 Lab Sample ID: MBLKC121407A

Date Analyzed: 12/14/07 Time Analyzed: 1340

GC Column: CTR-1 ID: 6.35 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	C121407ALCS	C121407ALCS	14DEC071334-	1335
02	324 HIGHLAND	734834	14DEC071559-	1601
03	313 HIGHLAND	734835	14DEC071559-	1608
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COMMENTS:

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: 2866_2 Calibration Date(s): 11/27/07 11/27/07

Column: CTR-1 ID: 6.35 (mm) Calibration Time(s): 1400 1449

LAB FILE ID: RF1.7: 27NOV071355RF5: 27NOV071355-RRF8.3: 27NOV071355
RF12.5: 27NOV07135RF16.7: 27NOV07135

COMPOUND	RF1.7	RF5	RF8.3	RF12.5	RF16.7
Helium	174758.24	183237.40	185440.96	172844.16	198949.82

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123356

Instrument ID: 2866_2 Calibration Date(s): 11/27/07 11/27/07

Column: CTR-1 ID: 6.35 (mm) Calibration Time(s): 1400 1449

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Helium	AVRG	183046.116	5.7