RETURN TO UAO AR INDEX

FILE COPY

Superfund Records Center
SITE: New Bedford
BREAK: 7.2
OTHER: 507930

TestAmerica
South Burlington, VT

Sample Data Summary Package

SDG: JNB070

SDMS DocID 507930

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: The relative percent difference for detected concentrations between two GC columns is greater than 40%. 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

Jacobs
6 Otis Park Drive, Suite 200; Bourne, MA 02532-3870
Phone: (508)-743-0214 Fax: (508) 743-9177

COC # ...-H0038 NB-H0038

CHAIN-OF-CUSTODY RECORD

Project Name:	New Bedford Harbor	**Laboratory:**	TestAmerica (formerly Severn Trent - Burlington)
Project Number:	35BG0603	**Point of contact:**	Jim Madison
WBS Code:	A0807003	**Ship to:**	30 Community Drive, Suite 11; South Burlinton, VT (05403)

TCLP Analyses: TCLP Metals + Cu; TCLP SVOCs, TCLP VOCs.

Josh Cummings
Anthony Boland (8/7/08)
each sample five point composite

#	Control Number	Matrix	Date	Time	Samp Init	1 SW8082 Low Level PCB Aroclors	2 Cu Only - SW6010B	2 Cd, Cr, Pb Only - SW6010B	2 Cu, Cd, Cr, Pb - SW6010B	3 SW8082 - PCB Aroclors	3 Total Metals (SW6010B/7000)	3 Oil and Grease (1664)	4 TCLP Suite (See Comment Box)	5 TO4 - PCBs							QC Reqd	Turnaround Time	Sample Number	Location Name	Samp Type	Depth (ft bgs)* Top	Bottom
1	NB-H003801	ST	8/7/08	1810						x			x									D10	PCSST-0001-	PCSST-0001	N1	0	4
2	NB-H003802	ST	8/8/08	0820						x			x									D10	PCSST-0002-	PCSST-0002	N1	0	4
3	NB-H003803	ST	8/8/08	0930						x			x									D10	PCSST-0003-	PCSST-0003	N1	0	4
4	NB-H003804	ST	8/8/08	1120						x			x									D10	PCSST-0004-	PCSST-0004	N1	0	4
5	~~NB-H003805~~	ST								x			x									D10	PCSST-0005-	~~PCSST-0005~~	~~N1~~		
6																											
7																											
8																											
9																											
10																											

Void 8/8/08

Cooler # | Turnaround Time | Equipment

Relinquished by: (Signature)	Date	Time
	8/8/08	1530

Received by: (Signature)	Date	Time

Code	Container/Preservative
1	2 - 1 L Amber Glass 4 dec C (3x amount for MS/MSD)
2	1 - 1 500 mL Plastic 4C HNO3
3	1 - 8 oz Glass
4	2 - 8 oz Glass
5	1 - PUF Tube
M	Extra volume for MS/MSD analyses
H24	24 Hour TAT
H48	48 Hour TAT
D05	5 Day TAT (1 week)
D10	14 Day TAT (2 weeks)

Shipping Date / Carrier / Airbill Number
fed ex
7993 6186 8779

Received by Laboratory: (Signature, Date, Time) & condition
08-09-08 0925 ok

* Bottom depth should not equal top depth

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – Wet Chemistry

WET CHEMISTRY

Sample Report Summary

Client Sample No.
NB-H003801

Lab Name: TestAmerica Burlington
Contract: 35-BG06-03
SDG No.: JNB070

Lab Code: TALVT
Case No.: 24045
Lab Sample ID: 763326

Matrix: SOLID
Client: JACEN3
Date Received: 08/09/08

% Solids: 70.4

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	08/12/08	N/A	%	1.0		70.4	

Printed on: 08/14/08 11:26 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.

NB-H003802

Lab Name: TestAmerica Burlington

Contract: 35-BG06-03

SDG No.: JNB070

Lab Code: TALVT

Case No.: 24045

Lab Sample ID: 763329

Matrix: SOLID

Client: JACEN3

Date Received: 08/09/08

% Solids: 69.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	08/12/08	N/A	%	1.0		69.0	

Printed on: 08/14/08 11:26 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
NB-H003803

Lab Name: TestAmerica Burlington
Contract: 35-BG06-03
SDG No.: JNB070

Lab Code: TALVT
Case No.: 24045
Lab Sample ID: 763332

Matrix: SOLID
Client: JACEN3
Date Received: 08/09/08

% Solids: 65.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	08/12/08	N/A	%	1.0		65.0	

Printed on: 08/14/08 11:26 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
NB-H003804

Lab Name: TestAmerica Burlington
Contract: 35-BG06-03
SDG No.: JNB070

Lab Code: TALVT
Case No.: 24045
Lab Sample ID: 763335

Matrix: SOLID
Client: JACEN3
Date Received: 08/09/08

% Solids: 60.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	08/12/08	N/A	%	1.0		60.5	

Printed on: 08/14/08 11:26 AM

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – Metals

USEPA-CLP FORMS

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: _____ SDG No.: JNB070

SOW No.: _____

EPA Sample No.	Lab Sample ID.
NB-H003801	763327
NB-H003802	763330
NB-H003803	763333
NB-H003803D	763333DP
NB-H003803S	763333MS
NB-H003804	763336

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: _____

Date: _____ Title: _____

USEPA-CLP FORMS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

NB-H003801

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Lab Sample ID: 763327

Level (low/med): LOW Date Received: 08/09/08

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	0.53	U		P
7440-38-2	Arsenic	11.9			P
7440-39-3	Barium	103	B	E	P
7440-43-9	Cadmium	0.13	U		P
7440-47-3	Chromium	13.3		E	P
7440-50-8	Copper	446			P
7439-97-6	Mercury	1.0	U		CV
7439-92-1	Lead	4.2	B		P
7782-49-2	Selenium	12.7	B		P

Color Before: light brown Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

USEPA-CLP FORMS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

NB-H003802

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Lab Sample ID: 763330

Level (low/med): LOW Date Received: 08/09/08

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	0.53	U		P
7440-38-2	Arsenic	18.9			P
7440-39-3	Barium	184	B	E	P
7440-43-9	Cadmium	0.13	U		P
7440-47-3	Chromium	3.9	B	E	P
7440-50-8	Copper	187			P
7439-97-6	Mercury	1.0	U		CV
7439-92-1	Lead	5.9	B		P
7782-49-2	Selenium	9.9	B		P

Color Before: light brown Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

USEPA-CLP FORMS

-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

NB-H003803

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Lab Sample ID: 763333

Level (low/med): LOW Date Received: 08/09/08

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	0.97	B		P
7440-38-2	Arsenic	17.5			P
7440-39-3	Barium	113	B	E	P
7440-43-9	Cadmium	0.13	U		P
7440-47-3	Chromium	11.7		E	P
7440-50-8	Copper	403			P
7439-97-6	Mercury	1.0	U		CV
7439-92-1	Lead	4.6	B		P
7782-49-2	Selenium	10.9	B		P

Color Before: light brown Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

USEPA-CLP FORMS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

NB-H003804

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Lab Sample ID: 763336

Level (low/med): LOW Date Received: 08/09/08

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-22-4	Silver	1.5	B		P
7440-38-2	Arsenic	15.4			P
7440-39-3	Barium	158	B	E	P
7440-43-9	Cadmium	0.13	U		P
7440-47-3	Chromium	12.4		E	P
7440-50-8	Copper	373			P
7439-97-6	Mercury	1.0	U		CV
7439-92-1	Lead	4.3	B		P
7782-49-2	Selenium	11.9	B		P

Color Before: light brown Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

USEPA-CLP FORMS

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Initial Calibration Source: Inorganic Ventures/Fisher

Continuing Calibration Source: SPEX/Fisher

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.02	100.7	5.0	5.04	100.8	5.07	101.4	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA-CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Initial Calibration Source: Inorganic Ventures/Fisher

Continuing Calibration Source: SPEX/Fisher

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Silver	500.0	471.80	94.4	100.0	94.72	94.7	95.74	95.7	P
Arsenic	250.0	255.90	102.4	100.0	104.30	104.3	104.30	104.3	P
Barium	500.0	497.70	99.5	200.0	194.30	97.2	194.70	97.4	P
Cadmium	500.0	488.20	97.6	100.0	97.20	97.2	96.53	96.5	P
Chromium	500.0	487.20	97.4	200.0	189.70	94.8	188.30	94.2	P
Copper	500.0	462.10	92.4	200.0	179.00	89.5	179.60	89.8	P
Lead	1000.0	982.90	98.3	400.0	392.50	98.1	390.70	97.7	P
Selenium	250.0	254.50	101.8	100.0	106.20	106.2	100.10	100.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA-CLP FORMS

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Initial Calibration Source: Inorganic Ventures/Fisher

Continuing Calibration Source: SPEX/Fisher

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Silver				100.0	95.69	95.7			P
Arsenic				100.0	103.80	103.8			P
Barium				200.0	194.50	97.2			P
Cadmium				100.0	96.42	96.4			P
Chromium				200.0	187.20	93.6			P
Copper				200.0	180.00	90.0			P
Lead				400.0	396.60	99.2			P
Selenium				100.0	103.00	103.0			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA-CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

AA CRDL Standard Source:

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	True	Found	%R	CRDL Standard for ICP Initial True	Initial Found	Initial %R	Final Found	Final %R
Silver				10.0	10.62	106.2		
Arsenic				10.0	11.64	116.4		
Barium				200.0	193.80	96.9		
Cadmium				5.0	5.11	102.2		
Chromium				10.0	9.91	99.1		
Copper				25.0	22.78	91.1		
Lead				10.0	8.91	89.1		
Selenium				35.0	37.60	107.4		

Control Limits: no limits have been established by EPA at this time

USEPA-CLP FORMS

3

BLANKS

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: _____ SDG No.: JNB070

Preparation Blank Matrix (soil/water): TCLP EXT

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.1	U	0.1	U	0.1	U			1.000	U	CV

USEPA-CLP FORMS

3

BLANKS

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Preparation Blank Matrix (soil/water): TCLP EXT

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Silver	1.3	B	0.6	B	0.5	U	0.5	U	0.879	B	P
Arsenic	4.1	B	2.8	B	4.9	B	1.4	U	3.777	B	P
Barium	1.7	U	1.7	U	2.2	B	-5.0	B	3.390	B	P
Cadmium	0.1	B	0.2	B	-0.2	B	-0.3	B	-0.358	B	P
Chromium	0.1	U	0.1	U	0.2	B	-0.1	B	0.950	B	P
Copper	0.5	U	0.5	U	0.5	U	0.5	U	13.360	B	P
Lead	1.7	B	3.2	B	1.3	B	1.9	B	8.000	B	P
Selenium	4.3	B	6.1	B	1.8	B	4.5	B	11.470	B	P

USEPA-CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 ICS Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Silver	0	202	1	195.2	96.6			
Arsenic	0	106	5	104.3	98.4			
Barium	0	485	6	483.7	99.7			
Cadmium	0	993	2	970.2	97.7			
Chromium	0	490	1	481.3	98.2			
Copper	0	488	1	459.9	94.2			
Lead	0	55	0	50.0	90.9			
Selenium	0	49	3	49.6	101.2			

USEPA-CLP FORMS

5A

SPIKE SAMPLE RECOVERY

SAMPLE NO.

NB-H003803S

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Level (low/med): LOW

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Silver	50 - 150	396.9000		0.9711	B	500.00	79.2		P
Arsenic	50 - 150	899.1000		17.4900		1000.00	88.2		P
Barium	50 - 150	1711.0000		112.9000	B	2000.00	79.9		P
Cadmium	50 - 150	46.2100		0.1300	U	50.00	92.4		P
Chromium	50 - 150	178.7000		11.7200		200.00	83.5		P
Copper	50 - 150	572.8000		402.9000		250.00	68.0		P
Mercury	50 - 150	6.2800		1.0000	U	10.00	62.8		CV
Lead	50 - 150	464.3000		4.5830	B	500.00	91.9		P
Selenium	50 - 150	1680.0000		10.9000	B	2000.00	83.5		P

Comments:

USEPA-CLP FORMS

5B

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

NB-H003803A

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Silver		35.84		0.97	B	50.0	69.7		P
Arsenic		54.28		17.49		40.0	92.0		P
Barium		1931.00		112.90	B	2000.0	90.9		P
Cadmium		46.51		0.13	U	50.0	93.0		P
Chromium		197.20		11.72		200.0	92.7		P
Copper		629.70		402.90		250.0	90.7		P
Lead		26.83		4.58	B	20.0	111.2		P
Selenium		62.63		10.90	B	50.0	103.5		P

Comments:

USEPA-CLP FORMS

6

DUPLICATES

SAMPLE NO.

NB-H003803D

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Silver		0.9711	B	0.5300	U	200.0		P
Arsenic	10.0	17.4900		15.3700		12.9		P
Barium		112.9000	B	114.5000	B	1.4		P
Cadmium		0.1300	U	0.1300	U			P
Chromium	10.0	11.7200		11.2900		3.7		P
Copper		402.9000		393.1000		2.5		P
Mercury		1.0000	U	1.0000	U			CV
Lead		4.5830	B	4.3780	B	4.6		P
Selenium		10.9000	B	12.3100	B	12.1		P

USEPA-CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	Solid (mg/kg) C	Solid (mg/kg) Limits	Solid (mg/kg) %R
Mercury	1.0	0.93	93.0					

USEPA-CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: _____ SDG No.: JNB070

Solid LCS Source: _____

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Silver	500.0	426.90	85.4						
Arsenic	1050.0	977.20	93.1						
Barium	500.0	443.00	88.6						
Cadmium	525.0	457.50	87.1						
Chromium	500.0	436.00	87.2						
Copper	500.0	418.30	83.7						
Lead	1015.0	907.50	89.4						
Selenium	525.0	468.80	89.3						

USEPA-CLP FORMS

9

ICP SERIAL DILUTIONS

SAMPLE NO.

NB-H003803L

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix (soil/water): TCLP EXT Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Silver	0.97	B	5.12	B	427.8		P
Arsenic	17.49		21.46	B	22.7		P
Barium	112.90	B	129.20	B	14.4	E	P
Cadmium	0.13	U	0.65	U			P
Chromium	11.72		13.00	B	10.9	E	P
Copper	402.90		404.60		0.4		P
Lead	4.58	B	4.25	U	100.0		P
Selenium	10.90	B	10.11	B	7.2		P

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: Date: 07/01/08

Flame AA ID Number: Leeman Hydra AA (2)

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.70		0.2	0.1	CV

Comments:

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/01/08

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Silver	328.068		10	0.5	P
Arsenic	189.042		10	1.4	P
Barium	493.409		200	1.7	P
Cadmium	226.502		5	0.1	P
Chromium	267.716		10	0.1	P
Copper	324.754		25	0.5	P
Lead	220.353		10	0.9	P
Selenium	196.026		35	1.6	P

Comments:

USEPA-CLP FORMS

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/11/08

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.933	-0.0001324	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0020050	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0819380	0.0000000	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	-0.0001158	0.0000000	0.0000000	0.0001830	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0541914	0.0031140	0.0025280	0.0113110	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Phosphorus	178.287	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.026	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.552	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.941	0.0000000	0.0000000	0.0000000	0.0035760	-0.0001310
Vanadium	292.402	0.0000000	0.0000000	0.0060410	0.0000000	0.0000000
Zinc	206.200	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA-CLP FORMS

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/11/08

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	B	Be	Cd	Co
Aluminum	308.215	0.0000076	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0046300	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0004100
Beryllium	313.042	0.0003440	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002790
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	-0.0123310	0.0000000	0.0000000	0.0000000	0.0001180
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	-0.0000108	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0381560	0.0000000	0.0000000	-0.0016570
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0001170
Phosphorus	178.287	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.026	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.552	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.941	0.0000000	0.0000000	-0.0005960	0.0000000	0.0017470
Vanadium	292.402	0.0000000	0.0000000	0.0004350	0.0000550	0.0000000
Zinc	206.200	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA-CLP FORMS

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/11/08

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cr	Cu	Mn	Na	Ni
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	-0.0002710	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000120	0.0000000	0.0000000	0.0000580
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000180	0.0000000	0.0000000
Manganese	257.610	0.0001480	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	-0.0020110	0.0004000	0.0000000	0.0000000	0.0004250
Nickel	231.604	-0.0001510	0.0000000	0.0000000	0.0000000	0.0000000
Phosphorus	178.287	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.026	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.552	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.941	0.0000000	-0.0003370	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	-0.0002870	0.0000000	0.0000000	0.0000000
Zinc	206.200	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA-CLP FORMS

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/11/08

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Pb	Sb	Se	Si	Tl
Aluminum	308.215	-0.0000570	0.0000000	0.0000190	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0007570	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0008870	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0130170	0.0000000	0.0033900	0.0001210
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0053640
Copper	324.754	-0.0001350	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000180	0.0000470	0.0000310	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000030	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0008470	0.0000000	0.0017310
Molybdenum	202.030	-0.0029500	-0.0008470	0.0002350	0.0000000	0.0000000
Nickel	231.604	0.0000560	-0.0001980	0.0000000	0.0000000	0.0000000
Phosphorus	178.287	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.026	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.552	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	-0.0059460	0.0000000	0.0000000	0.0000000
Titanium	334.941	-0.0005950	-0.0001800	0.0000000	0.0071290	-0.0012330
Vanadium	292.402	-0.0000370	-0.0030990	0.0000000	0.0020480	0.0003360
Zinc	206.200	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA-CLP FORMS

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/11/08

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.215	0.0000000	0.0000120			
Antimony	206.838	0.0000000	0.0000000			
Arsenic	189.042	0.0000000	0.0000000			
Barium	493.409	0.0000000	0.0000000			
Beryllium	313.042	0.0000000	0.0000000			
Boron	249.678	0.0000000	0.0000000			
Cadmium	226.502	0.0000000	0.0000000			
Calcium	317.933	0.0000000	0.0000000			
Chromium	267.716	0.0000000	0.0000000			
Cobalt	228.616	0.0000000	0.0000000			
Copper	324.754	0.0000000	0.0003930			
Iron	271.441	0.0000340	0.0000670			
Lead	220.353	0.0000000	0.0000000			
Magnesium	279.079	0.0000000	0.0000350			
Manganese	257.610	0.0000000	0.0000000			
Molybdenum	202.030	-0.0197980	-0.0001260			
Nickel	231.604	0.0000000	0.0047210			
Phosphorus	178.287	0.0000000	0.0000000			
Potassium	766.491	0.0000000	0.0000000			
Selenium	196.026	0.0000000	0.0000000			
Silver	328.068	0.0000000	0.0000000			
Sodium	330.232	0.0000000	0.0000000			
Strontium	421.552	0.0000000	0.0000000			
Thallium	190.864	0.0000000	0.0000000			
Tin	189.989	0.0000000	0.0000000			
Titanium	334.941	0.0014890	-0.0006710			
Vanadium	292.402	0.0000000	0.0000000			
Zinc	206.200	0.0000000	0.0000000			

Comments:

USEPA-CLP FORMS

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

ICP ID Number: TJA ICAP 7 Date: 07/01/08

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Silver	20.00	500.0	P
Arsenic	20.00	2000.0	P
Barium	20.00	4000.0	P
Cadmium	60.00	2000.0	P
Chromium	20.00	4000.0	P
Copper	20.00	4000.0	P
Lead	20.00	4000.0	P
Selenium	20.00	2000.0	P

Comments:

PREPARATION LOG

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: _____ SDG No.: JNB070

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
LCSW081508B	08/15/08	50.0	50.0
MB081308G	08/15/08	5.00	50.0
NB-H003801	08/15/08	5.00	50.0
NB-H003802	08/15/08	5.00	50.0
NB-H003803	08/15/08	5.00	50.0
NB-H003803D	08/15/08	5.00	50.0
NB-H003803S	08/15/08	5.00	50.0
NB-H003804	08/15/08	5.00	50.0

PREPARATION LOG

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: _____ SDG No.: JNB070

Method: P

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
LCSW081508A	08/15/08	100.0	100.0
MBLK081308G	08/15/08	100.00	100.0
NB-H003801	08/15/08	100.00	100.0
NB-H003802	08/15/08	100.00	100.0
NB-H003803	08/15/08	100.00	100.0
NB-H003803D	08/15/08	100.00	100.0
NB-H003803S	08/15/08	100.00	100.0
NB-H003804	08/15/08	100.00	100.0

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID Number: TJA ICAP 7 Method: P

Start Date: 08/15/08 End Date: 08/15/08

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1735				X	X		X		X		X		X						X	X					
STD7	1.00	1739																									
STD8	1.00	1743				X									X						X						
STD4	1.00	1747					X		X		X		X									X					
ICV	1.00	1751				X	X		X		X		X		X						X	X					
ICB	1.00	1754				X	X		X		X		X		X						X	X					
ICSA	1.00	1758				X	X		X		X		X		X						X	X					
ICSAB	1.00	1802				X	X		X		X		X		X						X	X					
CRI	1.00	1806				X	X		X		X		X		X						X	X					
LRV	1.00	1809				X	X		X		X		X		X						X	X					
CCV	1.00	1813				X	X		X		X		X		X						X	X					
CCB	1.00	1817				X	X		X		X		X		X						X	X					
ZZZZZZ	1.00	1821																									
ZZZZZZ	1.00	1825																									
ZZZZZZ	1.00	1829																									
ZZZZZZ	5.00	1832																									
ZZZZZZ	1.00	1836																									
ZZZZZZ	1.00	1840																									
ZZZZZZ	1.00	1844																									
LCSW081508A	1.00	1848				X	X		X		X		X		X						X	X					
MBLK081308G	1.00	1851				X	X		X		X		X		X						X	X					
NB-H003801	1.00	1855				X	X		X		X		X		X						X	X					
CCV	1.00	1859				X	X		X		X		X		X						X	X					
CCB	1.00	1903				X	X		X		X		X		X						X	X					
NB-H003802	1.00	1907				X	X		X		X		X		X						X	X					
NB-H003804	1.00	1911				X	X		X		X		X		X						X	X					
NB-H003803	1.00	1915				X	X		X		X		X		X						X	X					
NB-H003803L	5.00	1919				X	X		X		X		X		X						X	X					
NB-H003803A	1.00	1923				X	X		X		X		X		X						X	X					
NB-H003803S	1.00	1927				X	X		X		X		X		X						X	X					
NB-H003803D	1.00	1931				X	X		X		X		X		X						X	X					
ZZZZZZ	1.00	1935																									
ZZZZZZ	5.00	1939																									
ZZZZZZ	1.00	1942																									
CCV	1.00	1946				X	X		X		X		X		X						X	X					
CCB	1.00	1950				X	X		X		X		X		X						X	X					

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID Number: Leeman Hydra AA (2) Method: CV

Start Date: 08/18/08 End Date: 08/18/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1211																X									
S0.2	1.00	1214																X									
S0.5	1.00	1217																X									
S1	1.00	1219																X									
S5	1.00	1222																X									
S10	1.00	1224																X									
ICV	1.00	1226																X									
ICB	1.00	1228																X									
CCV	1.00	1230																X									
CCB	1.00	1232																X									
ZZZZZZ	1.00	1234																									
LCSW081508B	1.00	1237																X									
MB081308G	1.00	1239																X									
NB-H003801	1.00	1241																X									
NB-H003802	1.00	1243																X									
NB-H003804	1.00	1245																X									
NB-H003803	1.00	1247																X									
NB-H003803S	1.00	1249																X									
NB-H003803D	1.00	1251																X									
CCV	1.00	1253																X									
CCB	1.00	1255																X									

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – 8260B TCLP

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003801

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763328

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763328

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 8.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	9.8	J
75-35-4	1,1-Dichloroethene	44	U
78-93-3	2-Butanone	44	U
67-66-3	Chloroform	44	U
56-23-5	Carbon Tetrachloride	44	U
71-43-2	Benzene	44	U
107-06-2	1,2-Dichloroethane	44	U
79-01-6	Trichloroethene	1600	
127-18-4	Tetrachloroethene	62	
108-90-7	Chlorobenzene	44	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003802

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763331

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763331

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 8.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	25	J
75-35-4	1,1-Dichloroethene	44	U
78-93-3	2-Butanone	87	B
67-66-3	Chloroform	44	U
56-23-5	Carbon Tetrachloride	44	U
71-43-2	Benzene	44	U
107-06-2	1,2-Dichloroethane	44	U
79-01-6	Trichloroethene	15000	E
127-18-4	Tetrachloroethene	140	
108-90-7	Chlorobenzene	44	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003802DL

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763331D1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763331I2

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/15/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 122.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	610	U
75-35-4	1,1-Dichloroethene	610	U
78-93-3	2-Butanone	610	U
67-66-3	Chloroform	610	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	610	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	23000	D
127-18-4	Tetrachloroethene	130	DJ
108-90-7	Chlorobenzene	610	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003803

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763334

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763334

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 8.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	62	
75-35-4	1,1-Dichloroethene	44	U
78-93-3	2-Butanone	84	B
67-66-3	Chloroform	44	U
56-23-5	Carbon Tetrachloride	44	U
71-43-2	Benzene	44	U
107-06-2	1,2-Dichloroethane	44	U
79-01-6	Trichloroethene	14000	E
127-18-4	Tetrachloroethene	240	
108-90-7	Chlorobenzene	8.8	J

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003803DL

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763334D1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763334I3

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/15/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 176.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	880	U
75-35-4	1,1-Dichloroethene	880	U
78-93-3	2-Butanone	880	U
67-66-3	Chloroform	880	U
56-23-5	Carbon Tetrachloride	880	U
71-43-2	Benzene	880	U
107-06-2	1,2-Dichloroethane	880	U
79-01-6	Trichloroethene	23000	D
127-18-4	Tetrachloroethene	240	DJ
108-90-7	Chlorobenzene	880	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003804

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763337

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763337I2

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/15/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 8.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	21	J
75-35-4	1,1-Dichloroethene	44	U
78-93-3	2-Butanone	44	U
67-66-3	Chloroform	44	U
56-23-5	Carbon Tetrachloride	44	U
71-43-2	Benzene	44	U
107-06-2	1,2-Dichloroethane	44	U
79-01-6	Trichloroethene	660	
127-18-4	Tetrachloroethene	25	J
108-90-7	Chlorobenzene	44	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK81408NA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: MBLK81408NA

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: NPSB05

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

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
67-66-3	Chloroform	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK81508NA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: MBLK81508NA

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: NPSB04B

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

% Moisture: not dec. _____ Date Analyzed: 08/15/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
67-66-3	Chloroform	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	0.99	J
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ZB08130801

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: ZB08130801

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: ZB081301

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

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	2.9	J
67-66-3	Chloroform	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NA081408LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: NA081408LCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: NPS050Q

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

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	54	
75-35-4	1,1-Dichloroethene	51	
78-93-3	2-Butanone	63	
67-66-3	Chloroform	52	
56-23-5	Carbon Tetrachloride	53	
71-43-2	Benzene	53	
107-06-2	1,2-Dichloroethane	51	
79-01-6	Trichloroethene	53	
127-18-4	Tetrachloroethene	54	
108-90-7	Chlorobenzene	51	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NA081408LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: NA081408LCSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: NPS050Q2

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

% Moisture: not dec. _____ Date Analyzed: 08/14/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	56	
75-35-4	1,1-Dichloroethene	51	
78-93-3	2-Butanone	66	
67-66-3	Chloroform	52	
56-23-5	Carbon Tetrachloride	53	
71-43-2	Benzene	52	
107-06-2	1,2-Dichloroethane	52	
79-01-6	Trichloroethene	52	
127-18-4	Tetrachloroethene	52	
108-90-7	Chlorobenzene	51	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NA081508LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: NA081508LCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: NPS050BQ

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

% Moisture: not dec. _____ Date Analyzed: 08/15/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	54	
75-35-4	1,1-Dichloroethene	50	
78-93-3	2-Butanone	50	
67-66-3	Chloroform	51	
56-23-5	Carbon Tetrachloride	52	
71-43-2	Benzene	52	
107-06-2	1,2-Dichloroethane	51	
79-01-6	Trichloroethene	53	B
127-18-4	Tetrachloroethene	52	
108-90-7	Chlorobenzene	50	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003803DLMS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763334D1MS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 763334M3

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: not dec. _____ Date Analyzed: 08/15/08

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 176.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	9700	D
75-35-4	1,1-Dichloroethene	8500	D
78-93-3	2-Butanone	8600	DB
67-66-3	Chloroform	8700	D
56-23-5	Carbon Tetrachloride	8900	D
71-43-2	Benzene	8800	D
107-06-2	1,2-Dichloroethane	8700	D
79-01-6	Trichloroethene	32000	D
127-18-4	Tetrachloroethene	9300	D
108-90-7	Chlorobenzene	9200	D

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

	CLIENT SAMPLE NO.	SMC1 (DCE)#	SMC2 (TOL)#	SMC3 (BFB)#	OTHER (DCB)#	TOT OUT
01	NA081408LCS	98	100	99	96	0
02	NA081408LCSD	100	99	98	96	0
03	MBLK81408NA	101	95	101	97	0
04	ZB08130801	101	98	101	96	0
05	NB-H003801	101	99	100	96	0
06	NB-H003802	102	97	100	96	0
07	NB-H003803	100	93	102	100	0
08	NA081508LCS	98	99	99	96	0
09	MBLK81508NA	100	99	104	97	0
10	NB-H003804	101	98	99	97	0
11	NB-H003802DL	89	95	102	99	0
12	NB-H003803DL	99	94	100	97	0
13	NB-H003803DL	96	97	98	94	0
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
SMC1 (DCE)	= 1,2-Dichloroethane-d4	(70-125)
SMC2 (TOL)	= Toluene-d8	(85-120)
SMC3 (BFB)	= Bromofluorobenzene	(85-120)
OTHER(DCB)	= 1,2-Dichlorobenzene-d4	(85-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - JACEN3 Sample No.: NB-H00380

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Vinyl Chloride	8800	0.0	9700	110	70-135
1,1-Dichloroethene	8800	0.0	8500	96	80-125
2-Butanone	8800	0.0	8600	98	50-150
Chloroform	8800	0.0	8700	99	85-120
Carbon Tetrachloride	8800	0.0	8900	101	80-120
Benzene	8800	0.0	8800	100	85-120
1,2-Dichloroethane	8800	0.0	8700	99	80-125
Trichloroethene	8800	23000	32000	102	85-120
Tetrachloroethene	8800	240	9300	103	85-120
Chlorobenzene	8800	0.0	9200	104	85-120

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 10 outside limits

COMMENTS:

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - Sample No.: NA081408LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Vinyl Chloride	50		54	108	70-135
1,1-Dichloroethene	50		51	102	80-125
2-Butanone	50		63	126	50-150
Chloroform	50		52	104	85-120
Carbon Tetrachloride	50		53	106	80-120
Benzene	50		53	106	85-120
1,2-Dichloroethane	50		51	102	80-125
Trichloroethene	50		53	106	85-120
Tetrachloroethene	50		54	108	85-120
Chlorobenzene	50		51	102	85-120

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	50	56	112	4	30	70-135
1,1-Dichloroethene	50	51	102	0	30	80-125
2-Butanone	50	66	132	5	30	50-150
Chloroform	50	52	104	0	30	85-120
Carbon Tetrachloride	50	53	106	0	30	80-120
Benzene	50	52	104	2	30	85-120
1,2-Dichloroethane	50	52	104	2	30	80-125
Trichloroethene	50	52	104	2	30	85-120
Tetrachloroethene	50	52	104	4	30	85-120
Chlorobenzene	50	51	102	0	30	85-120

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

* Values outside of QC limits

RPD: 0 out of 10 outside limits
Spike Recovery: 0 out of 20 outside limits

COMMENTS:

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - Sample No.: NA081508LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Vinyl Chloride	50		54	108	70-135
1,1-Dichloroethene	50		50	100	80-125
2-Butanone	50		50	100	50-150
Chloroform	50		51	102	85-120
Carbon Tetrachloride	50		52	104	80-120
Benzene	50		52	104	85-120
1,2-Dichloroethane	50		51	102	80-125
Trichloroethene	50		53	106	85-120
Tetrachloroethene	50		52	104	85-120
Chlorobenzene	50		50	100	85-120

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 10 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK81408NA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: NPSB05 Lab Sample ID: MBLK81408NA

Date Analyzed: 08/14/08 Time Analyzed: 1311

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: N

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NA081408LCS	NA081408LCS	NPS050Q	1110
02	NA081408LCSD	NA081408LCSD	NPS050Q2	1211
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK81508NA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: NPSB04B Lab Sample ID: MBLK81508NA

Date Analyzed: 08/15/08 Time Analyzed: 1104

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: N

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NA081508LCS	NA081508LCS	NPS050BQ	0933
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ZB08130801

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: ZB081301 Lab Sample ID: ZB08130801

Date Analyzed: 08/14/08 Time Analyzed: 1340

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: N

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NB-H003801	763328	763328	1417
02	NB-H003802	763331	763331	1447
03	NB-H003803	763334	763334	1517
04	NB-H003804	763337	763337I2	1149
05	NB-H003802DL	763331D1	763331I2	1218
06	NB-H003803DL	763334D1	763334I3	1419
07	NB-H003803DL	763334D1MS	763334M3	1449
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: NPS01PV BFB Injection Date: 08/14/08

Instrument ID: N BFB Injection Time: 0709

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.7
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	54.7
175	5.0 - 9.0% of mass 174	4.1 (7.4)1
176	95.0 - 101.0% of mass 174	53.8 (98.3)1
177	5.0 - 9.0% of mass 176	3.7 (6.8)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	VSTD005	VSTD005	NPQ005V	08/14/08	0753
02	VSTD020	VSTD020	NPS020V	08/14/08	0823
03	VSTD050	VSTD050	NPQ050V	08/14/08	0853
04	VSTD100	VSTD100	NPS100V	08/14/08	0923
05	VSTD200	VSTD200	NPS200V	08/14/08	0953
06	NA081408LCS	NA081408LCS	NPS050Q	08/14/08	1110
07	NA081408LCSD	NA081408LCSD	NPS050Q2	08/14/08	1211
08	MBLK81408NA	MBLK81408NA	NPSB05	08/14/08	1311
09	ZB08130801	ZB08130801	ZB081301	08/14/08	1340
10	NB-H003801	763328	763328	08/14/08	1417
11	NB-H003802	763331	763331	08/14/08	1447
12	NB-H003803	763334	763334	08/14/08	1517
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: NPS02PV BFB Injection Date: 08/15/08

Instrument ID: N BFB Injection Time: 0818

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.5
75	30.0 - 60.0% of mass 95	51.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	56.3
175	5.0 - 9.0% of mass 174	4.1 (7.4)1
176	95.0 - 101.0% of mass 174	55.2 (98.1)1
177	5.0 - 9.0% of mass 176	3.9 (7.0)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	VSTD050	VSTD050	NPQ050BV	08/15/08	0903
02	NA081508LCS	NA081508LCS	NPS050BQ	08/15/08	0933
03	MBLK81508NA	MBLK81508NA	NPSB04B	08/15/08	1104
04	NB-H003804	763337	763337I2	08/15/08	1149
05	NB-H003802DL	763331D1	763331I2	08/15/08	1218
06	NB-H003803DL	763334D1	763334I3	08/15/08	1419
07	NB-H003803DL	763334D1MS	763334M3	08/15/08	1449
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: N Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0753 0953

GC Column: CAP ID: 0.53 (mm)

LAB FILE ID: RRF5 =NPQ005V RRF20 =NPS020V
RRF50 =NPQ050V RRF100=NPS100V RRF200=NPS200V

COMPOUND	RRF5	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Vinyl Chloride *	0.531	0.534	0.526	0.512	0.493	0.519	3.2*
1,1-Dichloroethene *	0.380	0.365	0.360	0.354	0.340	0.360	4.1*
2-Butanone *	0.034	0.034	0.035	0.035	0.034	0.034	2.3*
Chloroform *	0.853	0.848	0.855	0.843	0.822	0.844	1.6*
Carbon Tetrachloride *	0.587	0.602	0.606	0.611	0.614	0.604	1.7*
Benzene *	1.013	0.998	0.997	0.983	0.941	0.986	2.8*
1,2-Dichloroethane *	0.544	0.539	0.542	0.539	0.533	0.539	0.8*
Trichloroethene *	0.564	0.549	0.560	0.558	0.554	0.557	1.0*
Tetrachloroethene *	0.514	0.492	0.498	0.491	0.494	0.498	1.9*
Chlorobenzene *	1.026	0.974	1.024	0.981	1.015	1.004	2.4*
1,2-Dichloroethane-d4 *	0.466	0.439	0.450	0.451	0.446	0.450	2.2*
Toluene-d8 *	1.253	1.225	1.242	1.231	1.234	1.237	0.9*
Bromofluorobenzene *	1.555	1.610	1.647	1.690	1.745	1.649	4.4*
1,2-Dichlorobenzene-d4 *	0.985	0.917	0.922	0.929	0.950	0.941	2.9*

* 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: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: N Calibration Date: 08/15/08 Time: 0903

Lab File ID: NPQ050BV Init. Calib. Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Init. Calib. Times: 0753 0953

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride	0.519	0.527		1.5	20.0
1,1-Dichloroethene	0.360	0.354		1.7	20.0
2-Butanone	0.034	0.034		0.0	20.0
Chloroform	0.844	0.839		0.6	20.0
Carbon Tetrachloride	0.604	0.599		0.8	20.0
Benzene	0.986	0.986		0.0	20.0
1,2-Dichloroethane	0.539	0.532		1.3	20.0
Trichloroethene	0.557	0.573		2.9	20.0
Tetrachloroethene	0.498	0.491		1.4	20.0
Chlorobenzene	1.004	0.968	0.3	3.6	20.0
1,2-Dichloroethane-d4	0.450	0.435		3.3	20.0
Toluene-d8	1.237	1.212		2.0	20.0
Bromofluorobenzene	1.649	1.622		1.6	20.0
1,2-Dichlorobenzene-d4	0.941	0.904		3.9	20.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID (Standard): NPQ050V Date Analyzed: 08/14/08

Instrument ID: N Time Analyzed: 0853

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	2629572	10.26	2588694	16.19	1355970	20.30
	UPPER LIMIT	5259144	10.76	5177388	16.69	2711940	20.80
	LOWER LIMIT	1314786	9.76	1294347	15.69	677985	19.80
	CLIENT SAMPLE NO.						
01	NA081408LCS	2672494	10.27	2634511	16.19	1396192	20.30
02	NA081408LCSD	2604431	10.27	2598826	16.19	1365846	20.30
03	MBLK81408NA	2501531	10.26	2590454	16.19	1307296	20.32
04	ZB08130801	2476448	10.26	2502009	16.19	1317922	20.31
05	NB-H003801	2473944	10.24	2470843	16.19	1320284	20.30
06	NB-H003802	2442056	10.24	2477356	16.18	1329347	20.30
07	NB-H003803	2473770	10.27	2565120	16.19	1290226	20.31
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

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

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID (Standard): NPQ050BV Date Analyzed: 08/15/08

Instrument ID: N Time Analyzed: 0903

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	2633792	10.28	2660955	16.19	1400961	20.30
	UPPER LIMIT	5267584	10.78	5321910	16.69	2801922	20.80
	LOWER LIMIT	1316896	9.78	1330478	15.69	700480	19.80
	CLIENT SAMPLE NO.						
01	NA081508LCS	2634307	10.29	2609244	16.19	1367530	20.30
02	MBLK81508NA	2547149	10.28	2509270	16.15	1291124	20.27
03	NB-H003804	2528363	10.26	2558473	16.17	1357130	20.28
04	NB-H003802DL	2835010	10.28	2594838	16.19	1323706	20.30
05	NB-H003803DL	2504429	10.27	2507956	16.19	1297759	20.31
06	NB-H003803DL	2523437	10.25	2460365	16.20	1357978	20.31
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 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 – 8270C TCLP Semivolatile

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003801

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763327

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 763327

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/18/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	15	J
106-46-7	1,4-Dichlorobenzene	18	J
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	6.9	J
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
95-95-4	2,4,5-Trichlorophenol	130	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	130	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003802

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763330

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 763330

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/18/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	19	J
106-46-7	1,4-Dichlorobenzene	37	J
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	17	J
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
95-95-4	2,4,5-Trichlorophenol	130	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	130	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003803

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763333

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 763333

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/18/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	12	J
106-46-7	1,4-Dichlorobenzene	42	J
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	9.9	J
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
95-95-4	2,4,5-Trichlorophenol	130	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	130	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003804

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763336

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 763336

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 08/18/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	9.7	J
106-46-7	1,4-Dichlorobenzene	10	J
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	8.7	J
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
95-95-4	2,4,5-Trichlorophenol	130	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	130	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

MBLK081808C

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: MBLK081808C

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: B0818C

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 08/18/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
95-95-4	2,4,5-Trichlorophenol	130	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	130	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

MBLK082008C

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: MBLK082008C

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: B0820C

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/20/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/21/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
95-95-4	2,4,5-Trichlorophenol	130	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	130	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003801MS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: 763327MS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 763327M

Level: (low/med) LOW Date Received: 08/09/08

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/20/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/21/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	85	
106-46-7	1,4-Dichlorobenzene	230	
95-48-7	2-Methylphenol	210	
106-44-5	4-Methylphenol	390	
67-72-1	Hexachloroethane	220	
98-95-3	Nitrobenzene	240	
87-68-3	Hexachlorobutadiene	210	
88-06-2	2,4,6-Trichlorophenol	230	
95-95-4	2,4,5-Trichlorophenol	240	
121-14-2	2,4-Dinitrotoluene	210	
118-74-1	Hexachlorobenzene	250	
87-86-5	Pentachlorophenol	210	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

C081808LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: C081808LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: Q0818C

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 08/18/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	110	
106-46-7	1,4-Dichlorobenzene	180	
95-48-7	2-Methylphenol	210	
106-44-5	4-Methylphenol	380	
67-72-1	Hexachloroethane	160	
98-95-3	Nitrobenzene	210	
87-68-3	Hexachlorobutadiene	160	
88-06-2	2,4,6-Trichlorophenol	220	
95-95-4	2,4,5-Trichlorophenol	210	
121-14-2	2,4-Dinitrotoluene	240	
118-74-1	Hexachlorobenzene	200	
87-86-5	Pentachlorophenol	150	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

C082008LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) WATER Lab Sample ID: C082008LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: Q0820C

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

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 08/20/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/21/08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	57	
106-46-7	1,4-Dichlorobenzene	210	
95-48-7	2-Methylphenol	220	
106-44-5	4-Methylphenol	400	
67-72-1	Hexachloroethane	210	
98-95-3	Nitrobenzene	240	
87-68-3	Hexachlorobutadiene	190	
88-06-2	2,4,6-Trichlorophenol	240	
95-95-4	2,4,5-Trichlorophenol	260	
121-14-2	2,4-Dinitrotoluene	250	
118-74-1	Hexachlorobenzene	230	
87-86-5	Pentachlorophenol	200	

FORM 2
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

	STLVT SAMPLE NO.	S1 (2FP)#	S2 (PHL)#	S3 (2CP)#	S4 (DCB)#	S5 (NBZ)#	S6 (FBP)#	S7 (TBP)#	S8 (TPH)#	TOT OUT
01	C081808LCS	64	43	89	80	88	83	103	102	0
02	MBLK081808C	65	44	95	83	92	87	104	107	0
03	NB-H003801	78	52	112	102	110	102*	126	118	1
04	NB-H003802	62	42	90	82	86	84	100	88	0
05	NB-H003803	64	43	92	82	92	82	101	96	0
06	NB-H003804	63	43	90	82	91	83	102	91	0
07	C082008LCS	70	47	97	95	102	98*	106	95	1
08	MBLK082008C	63	41	86	84	89	88	95	84	0
09	NB-H003801MS	68	44	93	94	99	97*	92	98	1
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

		QC LIMITS	
S1 (2FP)	= 2-Fluorophenol	(30- 95)	
S2 (PHL)	= Phenol-d5	(10- 75)	
S3 (2CP)	= 2-Chlorophenol-d4	(55-120)	(advisory)
S4 (DCB)	= 1,2-Dichlorobenzene-d4	(55-120)	(advisory)
S5 (NBZ)	= Nitrobenzene-d5	(55-125)	
S6 (FBP)	= 2-Fluorobiphenyl	(30- 95)	
S7 (TBP)	= 2,4,6-Tribromophenol	(50-135)	
S8 (TPH)	= Terphenyl-d14	(55-145)	

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM 3
WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - JACEN3 Sample No.: NB-H00380

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Pyridine	250	15	85	28	10-105
1,4-Dichlorobenzene	250	18	230	85	55-125
2-Methylphenol	250	0.0	210	84	55-130
4-Methylphenol	500	6.9	390	77	35-130
Hexachloroethane	250	0.0	220	88	50-140
Nitrobenzene	250	0.0	240	96	60-135
Hexachlorobutadiene	250	0.0	210	84	35-140
2,4,6-Trichlorophenol	250	0.0	230	92	55-155
2,4,5-Trichlorophenol	250	0.0	240	96	60-140
2,4-Dinitrotoluene	250	0.0	210	84	60-130
Hexachlorobenzene	250	0.0	250	100	55-150
Pentachlorophenol	250	0.0	210	84	50-165

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 12 outside limits

COMMENTS:

FORM 3
WATER SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - STLVT Sample No.: C081808LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Pyridine	250		110	44	10-105
1,4-Dichlorobenzene	250		180	72	55-125
2-Methylphenol	250		210	84	55-130
4-Methylphenol	500		380	76	35-130
Hexachloroethane	250		160	64	50-140
Nitrobenzene	250		210	84	60-135
Hexachlorobutadiene	250		160	64	35-140
2,4,6-Trichlorophenol	250		220	88	55-155
2,4,5-Trichlorophenol	250		210	84	60-140
2,4-Dinitrotoluene	250		240	96	60-130
Hexachlorobenzene	250		200	80	55-150
Pentachlorophenol	250		150	60	50-165

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 12 outside limits

COMMENTS: _____

FORM 3
WATER SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - STLVT Sample No.: C082008LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Pyridine	250		57	23	10-105
1,4-Dichlorobenzene	250		210	84	55-125
2-Methylphenol	250		220	88	55-130
4-Methylphenol	500		400	80	35-130
Hexachloroethane	250		210	84	50-140
Nitrobenzene	250		240	96	60-135
Hexachlorobutadiene	250		190	76	35-140
2,4,6-Trichlorophenol	250		240	96	55-155
2,4,5-Trichlorophenol	250		260	104	60-140
2,4-Dinitrotoluene	250		250	100	60-130
Hexachlorobenzene	250		230	92	55-150
Pentachlorophenol	250		200	80	50-165

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 12 outside limits

COMMENTS: _____

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

MBLK081808C

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: B0818C Lab Sample ID: MBLK081808C

Instrument ID: U Date Extracted: 08/18/08

Matrix: (soil/water) WATER Date Analyzed: 08/18/08

Level: (low/med) LOW Time Analyzed: 2003

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

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	C081808LCS	C081808LCS	Q0818C	08/18/08
02	NB-H003801	763327	763327	08/18/08
03	NB-H003802	763330	763330	08/18/08
04	NB-H003803	763333	763333	08/18/08
05	NB-H003804	763336	763336	08/18/08
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

MBLK082008C

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: B0820C Lab Sample ID: MBLK082008C

Instrument ID: U Date Extracted: 08/20/08

Matrix: (soil/water) WATER Date Analyzed: 08/21/08

Level:(low/med) LOW Time Analyzed: 1424

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

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	C082008LCS	C082008LCS	Q0820C	08/21/08
02	NB-H003801MS	763327MS	763327M	08/21/08
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM IV SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: UEC32PS DFTPP Injection Date: 08/12/08

Instrument ID: U DFTPP Injection Time: 0725

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	66.6
70	Less than 2.0% of mass 69	0.1 (0.1)1
127	40.0 - 60.0% of mass 198	52.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	23.0
365	Greater than 1.0% of mass 198	3.28
441	Present, but less than mass 443	15.4
442	Greater than 40.0% of mass 198	96.6
443	17.0 - 23.0% of mass 442	19.0 (19.7)2

1-Value is % mass 69 2-Value is % mass 442

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	SSTD160	SSTD160	UEE160	08/12/08	0904
02	SSTD140	SSTD140	UEE140	08/12/08	0935
03	SSTD120	SSTD120	UEE120	08/12/08	1006
04	SSTD100	SSTD100	UEE100	08/12/08	1037
05	SSTD080	SSTD080	UEE080	08/12/08	1108
06	SSTD050	SSTD050	UEE050	08/12/08	1138
07	SSTD020	SSTD020	UEE020	08/12/08	1209
08	SSTD320	SSTD320	UEE320	08/12/08	1239
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: UEE03PS DFTPP Injection Date: 08/18/08

Instrument ID: U DFTPP Injection Time: 1331

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	72.4
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	55.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.1
365	Greater than 1.0% of mass 198	2.98
441	Present, but less than mass 443	14.3
442	Greater than 40.0% of mass 198	89.6
443	17.0 - 23.0% of mass 442	17.7 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

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	SSTD050	SSTD050	UEE050C	08/18/08	1400
02	C081808LCS	C081808LCS	Q0818C	08/18/08	1933
03	MBLK081808C	MBLK081808C	B0818C	08/18/08	2003
04	NB-H003801	763327	763327	08/18/08	2037
05	NB-H003802	763330	763330	08/18/08	2107
06	NB-H003803	763333	763333	08/18/08	2137
07	NB-H003804	763336	763336	08/18/08	2207
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID: UEE05PS DFTPP Injection Date: 08/21/08

Instrument ID: U DFTPP Injection Time: 1301

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	68.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.6
365	Greater than 1.0% of mass 198	2.81
441	Present, but less than mass 443	13.7
442	Greater than 40.0% of mass 198	86.2
443	17.0 - 23.0% of mass 442	16.9 (19.5)2

1-Value is % mass 69 2-Value is % mass 442

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	SSTD050	SSTD050	UEE050E	08/21/08	1321
02	C082008LCS	C082008LCS	Q0820C	08/21/08	1353
03	MBLK082008C	MBLK082008C	B0820C	08/21/08	1424
04	NB-H003801MS	763327MS	763327M	08/21/08	1726
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V SV

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: U Calibration Date(s): 08/12/08

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30.0%

LAB FILE ID: RRF20 =uee020.d RRF50 =ueea050.d
RRF80 =ueea080.d RRF100=ueea100.d RRF120=ueea120.d

COMPOUND		RRF20	RRF50	RRF80	RRF100	RRF120	$\overline{RRF}$	% RSD	
Pyridine		1.814	1.685	1.597	1.751	1.686			
1,4-Dichlorobenzene	*	1.574	1.523	1.458	1.463	1.464			*
2-Methylphenol		1.130	1.127	1.086	1.031	1.058			
4-Methylphenol		1.467	1.403	1.342	1.335	1.334			
Hexachloroethane		0.702	0.663	0.622	0.640	0.637			
Nitrobenzene		0.440	0.440	0.431	0.426	0.414			
Hexachlorobutadiene	*	0.176	0.182	0.172	0.181	0.176			*
2,4,6-Trichlorophenol	*	0.386	0.408	0.406	0.422	0.422			*
2,4,5-Trichlorophenol			0.477	0.416	0.423	0.431			
2,4-Dinitrotoluene		0.434	0.445	0.401	0.400	0.403			
Hexachlorobenzene		0.317	0.340	0.333	0.332	0.361			
Pentachlorophenol	*		0.184	0.185	0.189	0.189			*
2-Fluorophenol		1.295	1.377	1.308	1.322	1.315			
Phenol-d5		1.825	1.814	1.744	1.720	1.698			
2-Chlorophenol-d4		1.332	1.345	1.261	1.258	1.232			
1,2-Dichlorobenzene-d4		0.936	0.927	0.855	0.860	0.837			
Nitrobenzene-d5		0.427	0.436	0.421	0.421	0.417			
2-Fluorobiphenyl		1.377	1.363	1.238	1.288	1.257			
2,4,6-Tribromophenol		0.257	0.277	0.273	0.265	0.266			
Terphenyl-d14		1.243	1.431	1.317	1.299	1.284			

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: U Calibration Date(s): 08/12/08

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30.0%

LAB FILE ID: RRF140=ueea140.d RRF160=ueea160.d RRF320=uee320.d

COMPOUND	RRF140	RRF160	RRF320			$\overline{RRF}$	% RSD
Pyridine	1.712	1.741				1.712	4.0
1,4-Dichlorobenzene *	1.403	1.395				1.468	4.3*
2-Methylphenol	1.044	1.031				1.072	4.0
4-Methylphenol	1.315	1.344				1.363	3.9
Hexachloroethane	0.623	0.622				0.644	4.6
Nitrobenzene	0.421	0.420				0.427	2.4
Hexachlorobutadiene *	0.165	0.154				0.172	5.7*
2,4,6-Trichlorophenol *	0.431	0.425				0.414	3.7*
2,4,5-Trichlorophenol	0.416	0.416				0.430	5.5
2,4-Dinitrotoluene	0.394	0.361				0.405	6.8
Hexachlorobenzene	0.325	0.302				0.330	5.6
Pentachlorophenol *	0.196	0.195				0.190	2.6*
2-Fluorophenol	1.296	1.346				1.323	2.2
Phenol-d5	1.644	1.658				1.729	4.1
2-Chlorophenol-d4	1.186	1.164				1.254	5.4
1,2-Dichlorobenzene-d4	0.812	0.791				0.860	6.3
Nitrobenzene-d5	0.409	0.407				0.420	2.4
2-Fluorobiphenyl	1.227	1.187				1.277	5.5
2,4,6-Tribromophenol	0.243	0.233				0.259	6.1
Terphenyl-d14	1.270	1.215				1.294	5.3

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: U Calibration Date: 08/18/08 Time: 1400

Lab File ID: UEE050C Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 0904 1643

GC Column: RXI-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Pyridine	1.712	1.695		1.0	40.0
1,4-Dichlorobenzene	1.468	1.539		4.8	20.0
2-Methylphenol	1.072	1.153		7.6	40.0
4-Methylphenol	1.363	1.516		11.2	40.0
Hexachloroethane	0.644	0.685		6.4	40.0
Nitrobenzene	0.427	0.453		6.1	40.0
Hexachlorobutadiene	0.172	0.165		4.1	20.0
2,4,6-Trichlorophenol	0.414	0.422		1.9	20.0
2,4,5-Trichlorophenol	0.430	0.420		2.3	40.0
2,4-Dinitrotoluene	0.405	0.442		9.1	40.0
Hexachlorobenzene	0.330	0.314		4.8	40.0
Pentachlorophenol	0.190	0.173		8.9	20.0
2-Fluorophenol	1.323	1.286		2.8	40.0
Phenol-d5	1.729	1.740		0.6	40.0
2-Chlorophenol-d4	1.254	1.255		0.1	40.0
1,2-Dichlorobenzene-d4	0.860	0.838		2.6	40.0
Nitrobenzene-d5	0.420	0.430		2.4	40.0
2-Fluorobiphenyl	1.277	1.233		3.4	40.0
2,4,6-Tribromophenol	0.259	0.235		9.3	40.0
Terphenyl-d14	1.294	1.026		20.7	40.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: U Calibration Date: 08/21/08 Time: 1321

Lab File ID: UEE050E Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 0904 1643

GC Column: RXI-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Pyridine	1.712	1.733		1.2	40.0
1,4-Dichlorobenzene	1.468	1.533		4.4	20.0
2-Methylphenol	1.072	1.085		1.2	40.0
4-Methylphenol	1.363	1.408		3.3	40.0
Hexachloroethane	0.644	0.703		9.2	40.0
Nitrobenzene	0.427	0.467		9.4	40.0
Hexachlorobutadiene	0.172	0.183		6.4	20.0
2,4,6-Trichlorophenol	0.414	0.432		4.3	20.0
2,4,5-Trichlorophenol	0.430	0.433		0.7	40.0
2,4-Dinitrotoluene	0.405	0.372		8.1	40.0
Hexachlorobenzene	0.330	0.343		3.9	40.0
Pentachlorophenol	0.190	0.177		6.8	20.0
2-Fluorophenol	1.323	1.323		0.0	40.0
Phenol-d5	1.729	1.686		2.5	40.0
2-Chlorophenol-d4	1.254	1.273		1.5	40.0
1,2-Dichlorobenzene-d4	0.860	0.879		2.2	40.0
Nitrobenzene-d5	0.420	0.442		5.2	40.0
2-Fluorobiphenyl	1.277	1.354		6.0	40.0
2,4,6-Tribromophenol	0.259	0.204		21.2	40.0
Terphenyl-d14	1.294	1.033		20.2	40.0

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID (Standard): UEE050C Date Analyzed: 08/18/08

Instrument ID: U Time Analyzed: 1400

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	955143	6.19	3584305	8.28	1690231	10.92
	UPPER LIMIT	1910286	6.69	7168610	8.78	3380462	11.42
	LOWER LIMIT	477572	5.69	1792152	7.78	845116	10.42
	STLVT SAMPLE NO.						
01	C081808LCS	991718	6.20	3738497	8.27	1858430	10.90
02	MBLK081808C	954054	6.20	3588671	8.26	1823707	10.90
03	NB-H003801	759575	6.20	2920060	8.26	1451900	10.91
04	NB-H003802	960475	6.20	3589137	8.27	1822003	10.90
05	NB-H003803	955158	6.20	3583893	8.26	1826891	10.91
06	NB-H003804	929841	6.20	3462342	8.26	1767076	10.90
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

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

FORM VIII SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID (Standard): UEE050C Date Analyzed: 08/18/08

Instrument ID: U Time Analyzed: 1400

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	AREA #	RT #
	12 HOUR STD	2524833	12.93	1475293	16.26		
	UPPER LIMIT	5049666	13.43	2950586	16.76		
	LOWER LIMIT	1262416	12.43	737646	15.76		
	STLVT SAMPLE NO.						
01	C081808LCS	3029927	12.91	1408919	16.24		
02	MBLK081808C	2867700	12.91	1394413	16.24		
03	NB-H003801	2316957	12.91	1095697	16.24		
04	NB-H003802	2825719	12.91	1373591	16.25		
05	NB-H003803	2917711	12.91	1360008	16.24		
06	NB-H003804	2757974	12.91	1376227	16.24		
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

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

FORM VIII SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID (Standard): UEE050E Date Analyzed: 08/21/08

Instrument ID: U Time Analyzed: 1321

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	786405	6.12	2689171	8.21	1140529	10.85
	UPPER LIMIT	1572810	6.62	5378342	8.71	2281058	11.35
	LOWER LIMIT	393202	5.62	1344586	7.71	570264	10.35
	STLVT SAMPLE NO.						
01	C082008LCS	848987	6.12	3052415	8.19	1426213	10.84
02	MBLK082008C	904561	6.13	3240370	8.20	1563775	10.84
03	NB-H003801MS	838842	6.13	2983249	8.20	1331963	10.84
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

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

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab File ID (Standard): UEE050E Date Analyzed: 08/21/08

Instrument ID: U Time Analyzed: 1321

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	AREA #	RT #
	12 HOUR STD	1323384	12.84	655995	16.18		
	UPPER LIMIT	2646768	13.34	1311990	16.68		
	LOWER LIMIT	661692	12.34	327998	15.68		
	STLVT SAMPLE NO.						
01	C082008LCS	2057215	12.85	1083449	16.18		
02	MBLK082008C	2326885	12.84	1212341	16.17		
03	NB-H003801MS	1728420	12.84	741824	16.17		
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

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

FORM VIII SV

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – 8082 PCBS

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003802

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: 763329

Sample wt/vol: 29.9 (g/mL) G Lab File ID: 13AUG081158-R061

% Moisture: 31 decanted: (Y/N) N Date Received: 08/09/08

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 3000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	73000	U
11104-28-2	Aroclor-1221	73000	U
11141-16-5	Aroclor-1232	73000	U
53469-21-9	Aroclor-1242	730000	
12672-29-6	Aroclor-1248	73000	U
11097-69-1	Aroclor-1254	850000	
11096-82-5	Aroclor-1260	73000	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003803

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: 763332

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 13AUG081158-R071

% Moisture: 35 decanted: (Y/N) N Date Received: 08/09/08

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 2000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	51000	U
11104-28-2	Aroclor-1221	51000	U
11141-16-5	Aroclor-1232	51000	U
53469-21-9	Aroclor-1242	450000	
12672-29-6	Aroclor-1248	51000	U
11097-69-1	Aroclor-1254	490000	
11096-82-5	Aroclor-1260	51000	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NB-H003804

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: 763335

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 13AUG081158-R091

% Moisture: 40 decanted: (Y/N) N Date Received: 08/09/08

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10 (mL) Date Analyzed: 08/13/08

Injection Volume: 1.0 (uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	28000	U
11104-28-2	Aroclor-1221	28000	U
11141-16-5	Aroclor-1232	28000	U
53469-21-9	Aroclor-1242	370000	
12672-29-6	Aroclor-1248	28000	U
11097-69-1	Aroclor-1254	400000	
11096-82-5	Aroclor-1260	28000	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NBH003801

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: 763326

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 13AUG081158-R031

% Moisture: 30 decanted: (Y/N) N Date Received: 08/09/08

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 2000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	48000	U
11104-28-2	Aroclor-1221	48000	U
11141-16-5	Aroclor-1232	48000	U
53469-21-9	Aroclor-1242	440000	
12672-29-6	Aroclor-1248	48000	U
11097-69-1	Aroclor-1254	340000	
11096-82-5	Aroclor-1260	48000	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK081008C

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: MBLK081008C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 13AUG081158-R011

% Moisture: 0 decanted: (Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	17	U
11104-28-2------	Aroclor-1221	17	U
11141-16-5------	Aroclor-1232	17	U
53469-21-9------	Aroclor-1242	17	U
12672-29-6------	Aroclor-1248	17	U
11097-69-1------	Aroclor-1254	17	U
11096-82-5------	Aroclor-1260	17	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NBH003801MS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: 763326MS

Sample wt/vol: 29.9 (g/mL) G Lab File ID: 13AUG081158-R041

% Moisture: 30 decanted: (Y/N) N Date Received: 08/09/08

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 2000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	48000	U
11104-28-2	Aroclor-1221	48000	U
11141-16-5	Aroclor-1232	48000	U
53469-21-9	Aroclor-1242	440000	
12672-29-6	Aroclor-1248	48000	U
11097-69-1	Aroclor-1254	360000	
11096-82-5	Aroclor-1260	48000	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JACEN3 SAMPLE NO.

NBH003801MSD

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: 763326MD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 13AUG081158-R051

% Moisture: 30 decanted: (Y/N) N Date Received: 08/09/08

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 2000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	48000	U
11104-28-2------	Aroclor-1221	48000	U
11141-16-5------	Aroclor-1232	48000	U
53469-21-9------	Aroclor-1242	410000	
12672-29-6------	Aroclor-1248	48000	U
11097-69-1------	Aroclor-1254	310000	
11096-82-5------	Aroclor-1260	48000	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C081008LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix: (soil/water) SOIL Lab Sample ID: C081008LCS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 13AUG081158-R021

% Moisture: 0 decanted: (Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/10/08

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/13/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	150	
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	17	U
11096-82-5	Aroclor-1260	150	

FORM 2
SOIL OTHER SURROGATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

GC Column(1): RTX-5 ID: 0.25 (mm) GC Column(2): RTX-35 ID: 0.25 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MBLK081008C	98	90	82	82			0
02	C081008LCS	98	90	90	90			0
03	NBH003801	0D	0D	0D	0D			0
04	NBH003801MS	0D	0D	0D	0D			0
05	NBH003801MSD	0D	0D	0D	0D			0
06	NB-H003802	0D	0D	0D	0D			0
07	NB-H003803	0D	0D	0D	0D			0
08	NB-H003804	0D	0D	0D	0D			0
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (60-125)
S2 (DCB) = Decachlorobiphenyl (65-125)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
SOIL OTHER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - JACEN3 Sample No.: NBH003801

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	240	0.0	0.0	0*	60-120
Aroclor-1260	240	0.0	0.0	0*	60-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	240	0.0	0*		30	60-120
Aroclor-1260	240	0.0	0*		30	60-125

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

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike Recovery: 4 out of 4 outside limits

COMMENTS: Matrix spikes were diluted out.

FORM 3
SOIL OTHER LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Matrix Spike - Sample No.: C081008LCS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Aroclor-1016	170		150	88	60-120
Aroclor-1260	170		150	88	60-125

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 2 outside limits

COMMENTS:

FORM 4
OTHER METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK081008C

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: MBLK081008C Lab File ID: 13AUG081158-R011

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) Y Date Extracted: 08/10/08

Date Analyzed (1): 08/13/08 Date Analyzed (2): 08/13/08

Time Analyzed (1): 1200 Time Analyzed (2): 1200

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

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

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	C081008LCS	C081008LCS	08/13/08	08/13/08
02	NBH003801	763326	08/13/08	08/13/08
03	NBH003801MS	763326MS	08/13/08	08/13/08
04	NBH003801MSD	763326MD	08/13/08	08/13/08
05	NB-H003802	763329	08/13/08	08/13/08
06	NB-H003803	763332	08/13/08	08/13/08
07	NB-H003804	763335	08/13/08	08/13/08
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

COMMENTS:

FORM IV OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_1 Calibration Date(s): 08/11/08 08/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1450 1911

LAB FILE ID: RF50: 11AUG081335-RF100: 11AUG081335RF200: 11AUG081335
RF400: 11AUG081335RF800: 11AUG081335

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	62.740	56.510	52.720	50.888	50.854
(2)	95.240	85.970	81.580	78.240	80.109
(3)	199.060	184.520	178.840	175.208	183.594
(4)	126.020	112.720	107.850	105.030	106.000
(5)	85.180	77.310	73.505	71.052	73.775
Aroclor-1221			27.190		
(2)			22.175		
(3)			68.370		
(4)			13.600		
(5)			10.880		
Aroclor-1232			61.610		
(2)			38.900		
(3)			41.110		
(4)			85.215		
(5)			53.090		
Aroclor-1242			43.950		
(2)			66.355		
(3)			144.170		
(4)			87.350		
(5)			59.390		
Aroclor-1248			35.735		
(2)			29.355		
(3)			83.240		
(4)			45.450		
(5)			45.730		
Aroclor-1254			66.115		
(2)			55.455		
(3)			123.370		
(4)			40.650		
(5)			213.700		
Aroclor-1260	294.480	272.250	269.425	248.672	266.774
(2)	296.060	275.120	263.945	259.345	277.011
(3)	759.940	703.770	716.530	709.800	761.666
(4)	331.500	305.040	296.330	288.050	301.935
(5)	233.140	219.210	208.395	200.872	206.674
Tetrachloro-m-xylene	2380.800	2277.800	2264.750	2391.150	2459.688
Decachlorobiphenyl	6120.000	5641.300	5559.600	5392.600	5621.425

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_1 Calibration Date(s): 08/11/08 08/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1450 1911

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	54.7422500	9.186	20.000	
(2)	AVRG	84.2277500	8.055	20.000	
(3)	AVRG	184.244250	4.936	20.000	
(4)	AVRG	111.524000	7.736	20.000	
(5)	AVRG	76.1645000	7.236	20.000	
Aroclor-1221	AVRG	27.1900000	0.000	20.000	<-
(2)	AVRG	22.1750000	0.000	20.000	<-
(3)	AVRG	68.3700000	0.000	20.000	<-
(4)	AVRG	13.6000000	0.000	20.000	<-
(5)	AVRG	10.8800000	0.000	20.000	<-
Aroclor-1232	AVRG	61.6100000	0.000	20.000	<-
(2)	AVRG	38.9000000	0.000	20.000	<-
(3)	AVRG	41.1100000	0.000	20.000	<-
(4)	AVRG	85.2150000	0.000	20.000	<-
(5)	AVRG	53.0900000	0.000	20.000	<-
Aroclor-1242	AVRG	43.9500000	0.000	20.000	<-
(2)	AVRG	66.3550000	0.000	20.000	<-
(3)	AVRG	144.170000	0.000	20.000	<-
(4)	AVRG	87.3500000	0.000	20.000	<-
(5)	AVRG	59.3900000	0.000	20.000	<-
Aroclor-1248	AVRG	35.7350000	0.000	20.000	<-
(2)	AVRG	29.3550000	0.000	20.000	<-
(3)	AVRG	83.2400000	0.000	20.000	<-
(4)	AVRG	45.4500000	0.000	20.000	<-
(5)	AVRG	45.7300000	0.000	20.000	<-
Aroclor-1254	AVRG	66.1150000	0.000	20.000	<-
(2)	AVRG	55.4550000	0.000	20.000	<-
(3)	AVRG	123.370000	0.000	20.000	<-
(4)	AVRG	40.6500000	0.000	20.000	<-
(5)	AVRG	213.700000	0.000	20.000	<-
Aroclor-1260	AVRG	270.320250	6.049	20.000	
(2)	AVRG	274.296250	5.196	20.000	
(3)	AVRG	730.341250	3.858	20.000	
(4)	AVRG	304.571000	5.378	20.000	
(5)	AVRG	213.658250	5.968	20.000	
Tetrachloro-m-xylene	AVRG	2354.83750	3.491	20.000	
Decachlorobiphenyl	AVRG	5666.98500	4.790	20.000	

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_2 Calibration Date(s): 08/11/08 08/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1450 1911

LAB FILE ID: RF50: 11AUG081335-RF100: 11AUG081335RF200: 11AUG081335
RF400: 11AUG081335RF800: 11AUG081335

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	33.820	30.280	28.750	27.172	26.934
(2)	53.060	48.950	45.945	42.772	43.286
(3)	83.140	75.730	71.395	71.208	75.402
(4)	43.580	40.850	39.150	37.172	37.884
(5)	34.260	32.050	31.180	30.400	30.738
Aroclor-1221			16.290		
(2)			11.290		
(3)			37.150		
(4)			5.240		
(5)			7.190		
Aroclor-1232			33.300		
(2)			23.860		
(3)			35.705		
(4)			19.300		
(5)			19.345		
Aroclor-1242			38.300		
(2)			18.450		
(3)			60.235		
(4)			33.215		
(5)			25.215		
Aroclor-1248			19.250		
(2)			34.190		
(3)			15.565		
(4)			12.995		
(5)			19.410		
Aroclor-1254			43.815		
(2)			33.170		
(3)			41.745		
(4)			30.835		
(5)			130.235		
Aroclor-1260	202.040	179.730	168.920	160.765	175.958
(2)	432.220	406.070	403.540	397.235	426.980
(3)	104.140	92.060	83.715	78.430	79.912
(4)	33.900	32.290	30.235	28.522	27.988
(5)	85.780	78.120	72.060	69.612	70.776
Tetrachloro-m-xylene	1590.600	1493.700	1468.000	1521.025	1650.488
Decachlorobiphenyl	1994.600	1829.200	1690.150	1639.675	1777.488

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_2 Calibration Date(s): 08/11/08 08/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1450 1911

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	29.3912500	9.590	20.000	
(2)	AVRG	46.8027500	9.134	20.000	
(3)	AVRG	75.3750000	6.419	20.000	
(4)	AVRG	39.7272500	6.462	20.000	
(5)	AVRG	31.7255000	4.873	20.000	
Aroclor-1221	AVRG	16.2900000	0.000	20.000	<-
(2)	AVRG	11.2900000	0.000	20.000	<-
(3)	AVRG	37.1500000	0.000	20.000	<-
(4)	AVRG	5.24000000	0.000	20.000	<-
(5)	AVRG	7.19000000	0.000	20.000	<-
Aroclor-1232	AVRG	33.3000000	0.000	20.000	<-
(2)	AVRG	23.8600000	0.000	20.000	<-
(3)	AVRG	35.7050000	0.000	20.000	<-
(4)	AVRG	19.3000000	0.000	20.000	<-
(5)	AVRG	19.3450000	0.000	20.000	<-
Aroclor-1242	AVRG	38.3000000	0.000	20.000	<-
(2)	AVRG	18.4500000	0.000	20.000	<-
(3)	AVRG	60.2350000	0.000	20.000	<-
(4)	AVRG	33.2150000	0.000	20.000	<-
(5)	AVRG	25.2150000	0.000	20.000	<-
Aroclor-1248	AVRG	19.2500000	0.000	20.000	<-
(2)	AVRG	34.1900000	0.000	20.000	<-
(3)	AVRG	15.5650000	0.000	20.000	<-
(4)	AVRG	12.9950000	0.000	20.000	<-
(5)	AVRG	19.4100000	0.000	20.000	<-
Aroclor-1254	AVRG	43.8150000	0.000	20.000	<-
(2)	AVRG	33.1700000	0.000	20.000	<-
(3)	AVRG	41.7450000	0.000	20.000	<-
(4)	AVRG	30.8350000	0.000	20.000	<-
(5)	AVRG	130.235000	0.000	20.000	<-
Aroclor-1260	AVRG	177.482500	8.743	20.000	
(2)	AVRG	413.209000	3.731	20.000	
(3)	AVRG	87.6515000	12.124	20.000	
(4)	AVRG	30.5870000	8.177	20.000	
(5)	AVRG	75.2697500	8.939	20.000	
Tetrachloro-m-xylene	AVRG	1544.76250	4.838	20.000	
Decachlorobiphenyl	AVRG	1786.22250	7.719	20.000	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_1 Calibration Date: 08/13/08 Time: 0918

Lab File ID: 13AUG080826-R0 Init. Calib. Date(s): 08/11/08 08/11/08

Init. Calib. Times: 1736 1911

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	54.742	54.885		0.3	15.0
(2)	84.228	79.170		6.0	15.0
(3)	184.244	173.430		5.9	15.0
(4)	111.524	104.165		6.6	15.0
(5)	76.164	72.680		4.6	15.0
Aroclor-1260	270.320	253.205		6.3	15.0
(2)	274.296	260.035		5.2	15.0
(3)	730.341	704.435		3.5	15.0
(4)	304.571	286.685		5.9	15.0
(5)	213.658	198.570		7.1	15.0
Tetrachloro-m-xylene	2354.838	2582.500		9.7	15.0
Decachlorobiphenyl	5666.985	5293.550		6.6	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_1 Calibration Date: 08/13/08 Time: 1535

Lab File ID: 13AUG081158-R1 Init. Calib. Date(s): 08/11/08 08/11/08

Init. Calib. Times: 1736 1911

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	54.742	51.840		5.3	15.0	
(2)	84.228	78.135		7.2	15.0	
(3)	184.244	170.940		7.2	15.0	
(4)	111.524	102.425		8.2	15.0	
(5)	76.164	70.080		8.0	15.0	
Aroclor-1260	270.320	324.225		19.9	15.0	<-
(2)	274.296	255.765		6.8	15.0	
(3)	730.341	691.095		5.4	15.0	
(4)	304.571	278.675		8.5	15.0	
(5)	213.658	194.865		8.8	15.0	
Tetrachloro-m-xylene	2354.838	2496.850		6.0	15.0	
Decachlorobiphenyl	5666.985	5280.050		6.8	15.0	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_2 Calibration Date: 08/13/08 Time: 0918

Lab File ID: 13AUG080826-R0 Init. Calib. Date(s): 08/11/08 08/11/08

Init. Calib. Times: 1736 1911

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	29.391	28.305		3.7	15.0
(2)	46.803	44.415		5.1	15.0
(3)	75.375	69.855		7.3	15.0
(4)	39.727	38.485		3.1	15.0
(5)	31.726	30.285		4.5	15.0
Aroclor-1260	177.483	172.840		2.6	15.0
(2)	413.209	396.820		4.0	15.0
(3)	87.651	82.890		5.4	15.0
(4)	30.587	29.915		2.2	15.0
(5)	75.270	70.295		6.6	15.0
Tetrachloro-m-xylene	1544.763	1498.100		3.0	15.0
Decachlorobiphenyl	1786.223	1651.650		7.5	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Instrument ID: 5253_2 Calibration Date: 08/13/08 Time: 1535

Lab File ID: 13AUG081158-R1 Init. Calib. Date(s): 08/11/08 08/11/08

Init. Calib. Times: 1736 1911

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	29.391	27.710		5.7	15.0
(2)	46.803	43.790		6.4	15.0
(3)	75.375	70.335		6.7	15.0
(4)	39.727	38.380		3.4	15.0
(5)	31.726	30.220		4.7	15.0
Aroclor-1260	177.483	173.660		2.2	15.0
(2)	413.209	399.755		3.2	15.0
(3)	87.651	82.650		5.7	15.0
(4)	30.587	29.825		2.5	15.0
(5)	75.270	70.155		6.8	15.0
Tetrachloro-m-xylene	1544.763	1447.000		6.3	15.0
Decachlorobiphenyl	1786.223	1597.300		10.6	15.0

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 08/11/08 08/11/08

Instrument ID: 5253_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.30 DCB: 15.70

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	08/11/08	1450	5.29	15.69
02	AR1232 200PP	AR1232 200PP	08/11/08	1513	5.29	15.69
03	AR1242 200PP	AR1242 200PP	08/11/08	1537	5.29	15.70
04	AR1248 200PP	AR1248 200PP	08/11/08	1601	5.29	15.70
05	AR1254 200PP	AR1254 200PP	08/11/08	1625	5.30	15.70
06	AR1262 200PP	AR1262 200PP	08/11/08	1648	5.29	15.70
07	AR1268 200PP	AR1268 200PP	08/11/08	1712	5.29	15.70
08	AR1660 50PPB	AR1660 50PPB	08/11/08	1736	5.30	15.70
09	AR1660 100PP	AR1660 100PP	08/11/08	1800	5.30	15.70
10	AR1660 200PP	AR1660 200PP	08/11/08	1824	5.30	15.70
11	AR1660 400PP	AR1660 400PP	08/11/08	1848	5.30	15.71
12	AR1660 800PP	AR1660 800PP	08/11/08	1911	5.29	15.70
13	AR1660 ICV	AR1660 ICV	08/11/08	1959	5.28	15.69
14	AR1660 200PP	AR1660 200PP	08/13/08	0918	5.29	15.69
15	MBLK081008C	MBLK081008C	08/13/08	1200	5.30	15.70
16	C081008LCS	C081008LCS	08/13/08	1224	5.29	15.70
17	NBH003801	763326	08/13/08	1248		
18	NBH003801MS	763326MS	08/13/08	1312		
19	NBH003801MSD	763326MD	08/13/08	1336		
20	NB-H003802	763329	08/13/08	1359		
21	NB-H003803	763332	08/13/08	1423		
22	NB-H003804	763335	08/13/08	1511		
23	AR1660 200PP	AR1660 200PP	08/13/08	1535	5.29	15.69
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM VIII OTHER

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 08/11/08 08/11/08

Instrument ID: 5253_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.40 DCB: 17.81

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	08/11/08	1450	6.40	17.81
02	AR1232 200PP	AR1232 200PP	08/11/08	1513	6.39	17.80
03	AR1242 200PP	AR1242 200PP	08/11/08	1537	6.40	17.81
04	AR1248 200PP	AR1248 200PP	08/11/08	1601	6.40	17.81
05	AR1254 200PP	AR1254 200PP	08/11/08	1625	6.40	17.81
06	AR1262 200PP	AR1262 200PP	08/11/08	1648	6.41	17.82
07	AR1268 200PP	AR1268 200PP	08/11/08	1712	6.40	17.81
08	AR1660 50PPB	AR1660 50PPB	08/11/08	1736	6.40	17.81
09	AR1660 100PP	AR1660 100PP	08/11/08	1800	6.41	17.82
10	AR1660 200PP	AR1660 200PP	08/11/08	1824	6.40	17.81
11	AR1660 400PP	AR1660 400PP	08/11/08	1848	6.41	17.82
12	AR1660 800PP	AR1660 800PP	08/11/08	1911	6.40	17.81
13	AR1660 ICV	AR1660 ICV	08/11/08	1959	6.39	17.80
14	AR1660 200PP	AR1660 200PP	08/13/08	0918	6.40	17.80
15	MBLK081008C	MBLK081008C	08/13/08	1200	6.39	17.80
16	C081008LCS	C081008LCS	08/13/08	1224	6.40	17.81
17	NBH003801	763326	08/13/08	1248		
18	NBH003801MS	763326MS	08/13/08	1312		
19	NBH003801MSD	763326MD	08/13/08	1336		
20	NB-H003802	763329	08/13/08	1359		
21	NB-H003803	763332	08/13/08	1423		
22	NB-H003804	763335	08/13/08	1511		
23	AR1660 200PP	AR1660 200PP	08/13/08	1535	6.39	17.80
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

JACEN3 SAMPLE NO.

NB-H003802

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: 763329 Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.87	5.81	5.91	550000		
Aroclor-1242	2	6.92	6.86	6.96	720000		
	3	7.44	7.38	7.48	810000		
COLUMN 1	4	7.64	7.58	7.68	690000		
	5	7.79	7.74	7.84	860000	730000	
	1	8.65	8.60	8.70	680000		
	2	9.34	9.29	9.39	760000		
	3	9.70	9.65	9.75	810000		
COLUMN 2	4	10.09	10.04	10.14	630000		
	5	10.42	10.37	10.47	710000	720000	1.4
	1	10.33	10.28	10.38	1100000		
Aroclor-1254	2	10.76	10.70	10.80	770000		
	3	10.89	10.84	10.94	670000		
COLUMN 1	4	11.01	10.96	11.06	750000		
	5	11.74	11.69	11.79	900000	830000	
	1	12.64	12.59	12.69	1000000		
	2	12.87	12.82	12.92	780000		
	3	13.08	13.02	13.12	800000		
COLUMN 2	4	13.28	13.23	13.33	730000		
	5	13.60	13.55	13.65	900000	850000	2.4
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

JACEN3 SAMPLE NO.

NB-H003803

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: 763332 Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.85	5.81	5.91	380000		
Aroclor-1242	2	6.90	6.86	6.96	460000		
	3	7.42	7.38	7.48	540000		
COLUMN 1	4	7.63	7.58	7.68	390000		
	5	7.78	7.74	7.84	470000	450000	
	1	8.64	8.60	8.70	470000		
	2	9.33	9.29	9.39	400000		
	3	9.69	9.65	9.75	540000		
COLUMN 2	4	10.07	10.04	10.14	320000		
	5	10.41	10.37	10.47	420000	430000	4.5
	1	10.32	10.28	10.38	680000		
Aroclor-1254	2	10.74	10.70	10.80	450000		
	3	10.88	10.84	10.94	310000		
COLUMN 1	4	10.99	10.96	11.06	380000		
	5	11.73	11.69	11.79	500000	460000	
	1	12.63	12.59	12.69	660000		
	2	12.86	12.82	12.92	440000		
	3	13.07	13.02	13.12	450000		
COLUMN 2	4	13.27	13.23	13.33	380000		
	5	13.59	13.55	13.65	510000	490000	6.3
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

JACEN3 SAMPLE NO.

NB-H003804

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: 763335 Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.85	5.81	5.91	300000		
Aroclor-1242	2	6.90	6.86	6.96	390000		
	3	7.42	7.38	7.48	460000		
COLUMN 1	4	7.62	7.58	7.68	330000		
	5	7.78	7.74	7.84	400000	370000	
	1	8.63	8.60	8.70	390000		
	2	9.32	9.29	9.39	350000		
	3	9.68	9.65	9.75	450000		
COLUMN 2	4	10.07	10.04	10.14	270000		
	5	10.40	10.37	10.47	340000	360000	2.7
	1	10.31	10.28	10.38	560000		
Aroclor-1254	2	10.74	10.70	10.80	370000		
	3	10.87	10.84	10.94	260000		
COLUMN 1	4	10.99	10.96	11.06	300000		
	5	11.72	11.69	11.79	400000	380000	
	1	12.62	12.59	12.69	550000		
	2	12.85	12.82	12.92	370000		
	3	13.06	13.02	13.12	360000		
COLUMN 2	4	13.26	13.23	13.33	300000		
	5	13.58	13.55	13.65	410000	400000	5.1
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

JACEN3 SAMPLE NO.

NBH003801

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: 763326 Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.87	5.81	5.91	390000		
Aroclor-1242	2	6.92	6.86	6.96	440000		
	3	7.44	7.38	7.48	520000		
COLUMN 1	4	7.64	7.58	7.68	390000		
	5	7.80	7.74	7.84	480000	440000	
	1	8.66	8.60	8.70	450000		
	2	9.34	9.29	9.39	430000		
	3	9.70	9.65	9.75	510000		
COLUMN 2	4	10.09	10.04	10.14	350000		
	5	10.42	10.37	10.47	420000	430000	2.3
	1	10.33	10.28	10.38	450000		
Aroclor-1254	2	10.76	10.70	10.80	320000		
	3	10.89	10.84	10.94	240000		
COLUMN 1	4	11.01	10.96	11.06	280000		
	5	11.74	11.69	11.79	340000	330000	
	1	12.64	12.59	12.69	440000		
	2	12.88	12.82	12.92	330000		
	3	13.08	13.02	13.12	320000		
COLUMN 2	4	13.29	13.23	13.33	280000		
	5	13.61	13.55	13.65	330000	340000	3.0
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

JACEN3 SAMPLE NO.

NBH003801MS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: 763326MS Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.87	5.81	5.91	380000		
Aroclor-1242	2	6.92	6.86	6.96	440000		
	3	7.44	7.38	7.48	520000		
COLUMN 1	4	7.64	7.58	7.68	390000		
	5	7.80	7.74	7.84	470000	440000	
	1	8.65	8.60	8.70	450000		
	2	9.34	9.29	9.39	420000		
	3	9.70	9.65	9.75	520000		
COLUMN 2	4	10.09	10.04	10.14	340000		
	5	10.42	10.37	10.47	420000	430000	2.3
	1	10.33	10.28	10.38	480000		
Aroclor-1254	2	10.76	10.70	10.80	340000		
	3	10.89	10.84	10.94	250000		
COLUMN 1	4	11.01	10.96	11.06	300000		
	5	11.74	11.69	11.79	360000	350000	
	1	12.64	12.59	12.69	470000		
	2	12.87	12.82	12.92	350000		
	3	13.08	13.02	13.12	340000		
COLUMN 2	4	13.28	13.23	13.33	300000		
	5	13.60	13.55	13.65	360000	360000	2.8
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

JACEN3 SAMPLE NO.

NBH003801MSD

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: 763326MD Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.87	5.81	5.91	360000		
Aroclor-1242	2	6.92	6.86	6.96	410000		
	3	7.44	7.38	7.48	480000		
COLUMN 1	4	7.64	7.58	7.68	360000		
	5	7.79	7.74	7.84	440000	410000	
	1	8.64	8.60	8.70	410000		
	2	9.33	9.29	9.39	400000		
	3	9.69	9.65	9.75	490000		
COLUMN 2	4	10.08	10.04	10.14	330000		
	5	10.41	10.37	10.47	400000	400000	2.5
	1	10.33	10.28	10.38	410000		
Aroclor-1254	2	10.76	10.70	10.80	300000		
	3	10.89	10.84	10.94	220000		
COLUMN 1	4	11.01	10.96	11.06	260000		
	5	11.74	11.69	11.79	310000	300000	
	1	12.63	12.59	12.69	400000		
	2	12.87	12.82	12.92	300000		
	3	13.07	13.02	13.12	290000		
COLUMN 2	4	13.28	13.23	13.33	260000		
	5	13.60	13.55	13.65	310000	310000	3.3
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

C081008LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 24045

Lab Code: STLV Case No.: 24045 SAS No.: SDG No.: JNB070

Lab Sample ID: C081008LCS Date(s) Analyzed: 08/13/08 08/13/08

Instrument ID (1): 5253_1 Instrument ID (2): 5253_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	5.86	5.81	5.91	140		
Aroclor-1016	2	6.92	6.87	6.97	140		
	3	7.43	7.39	7.49	150		
COLUMN 1	4	7.63	7.59	7.69	140		
	5	7.79	7.74	7.84	140	140	
	1	7.63	7.59	7.69	140		
	2	8.64	8.60	8.70	140		
	3	9.69	9.65	9.75	150		
COLUMN 2	4	10.08	10.03	10.13	140		
	5	10.41	10.37	10.47	150	150	6.9
	1	12.97	12.92	13.02	140		
Aroclor-1260	2	13.33	13.28	13.38	140		
	3	13.72	13.67	13.77	150		
COLUMN 1	4	14.10	14.06	14.16	150		
	5	14.28	14.23	14.33	140	150	
	1	14.45	14.41	14.51	150		
	2	15.10	15.05	15.15	150		
	3	15.63	15.58	15.68	140		
COLUMN 2	4	16.39	16.34	16.44	140		
	5	16.50	16.45	16.55	140	150	0.0
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER