SEVERN TRENT STL

Sample Data Summary Package For Metals

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
IDOLBKSSS080.5	535903
IDOLBKSSS080.5D	535903DP
IDOLBKSSS080.5S	535903MS
IDOLTASSS100.5	535899
IDOLTASSS110.5	535897
IDOLTASSS190.3	535907
IDOLTASSS200.5	535908
IDOLTASSS230.5	535916
IDOLTASUS201.0	535909
IDOLWPSSS010.5	535898
IDOLWPSSS020.5	535915
IDOLWPSSS030.5	535913
IDOLWPSSS090.5	535893
IDOLWPSSS170.5	535900
IDOLWPSSS210.5	535912
IDOLWPSUS023.5	535911
IDOLWPSUS033.5	535894
IDOLWPSUS041.0	535896
IDOLWPSUS18100	535905
IDOLWPSUS185.5	535901

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: _____

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-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLBKSSS080.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535903

Level (low/med): LOW Date Received: 07/26/03

% Solids: 93.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13600			P
7440-36-0	Antimony	8.0		N	P
7440-38-2	Arsenic	107			P
7440-39-3	Barium	424			P
7440-41-7	Beryllium	0.64			P
7440-43-9	Cadmium	0.032	U		P
7440-70-2	Calcium	4010			P
7440-47-3	Chromium	6.3			P
7440-48-4	Cobalt	11.0			P
7440-50-8	Copper	27.4			P
7439-89-6	Iron	32400			P
7439-92-1	Lead	17.2			P
7439-95-4	Magnesium	1250			P
7439-96-5	Manganese	1410			P
7439-97-6	Mercury	0.10			CV
7440-02-0	Nickel	11.5			P
7440-09-7	Potassium	2880			P
7782-49-2	Selenium	2.0		N	P
7440-22-4	Silver	0.21	B		P
7440-23-5	Sodium	393	B		P
7440-28-0	Thallium	3.5			P
7440-62-2	Vanadium	30.9			P
7440-66-6	Zinc	102			P
57-12-5	Cyanide	0.50	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLTASSS100.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535899

Level (low/med): LOW Date Received: 07/26/03

% Solids: 95.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11100			P
7440-36-0	Antimony	1.8	B	N	P
7440-38-2	Arsenic	26.2			P
7440-39-3	Barium	358			P
7440-41-7	Beryllium	0.55			P
7440-43-9	Cadmium	0.031	U		P
7440-70-2	Calcium	3180			P
7440-47-3	Chromium	6.1			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	25.9			P
7439-89-6	Iron	26500			P
7439-92-1	Lead	35.6			P
7439-95-4	Magnesium	1850			P
7439-96-5	Manganese	701			P
7439-97-6	Mercury	0.48			CV
7440-02-0	Nickel	11.0			P
7440-09-7	Potassium	2650			P
7782-49-2	Selenium	1.6		N	P
7440-22-4	Silver	0.12	B		P
7440-23-5	Sodium	302	B		P
7440-28-0	Thallium	2.0			P
7440-62-2	Vanadium	23.9			P
7440-66-6	Zinc	78.2			P
57-12-5	Cyanide	0.46	U		AS

Color Before: brown Clarity Before: _____ Texture: medium

Color After: yellow Clarity After: clear Artifacts: _____

Comments: _____

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

IDOLTASSS110.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535897

Level (low/med): LOW Date Received: 07/26/03

% Solids: 94.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13700			P
7440-36-0	Antimony	1.8	B	N	P
7440-38-2	Arsenic	44.9			P
7440-39-3	Barium	299			P
7440-41-7	Beryllium	0.69			P
7440-43-9	Cadmium	0.029	U		P
7440-70-2	Calcium	4770			P
7440-47-3	Chromium	9.5			P
7440-48-4	Cobalt	12.8			P
7440-50-8	Copper	31.9			P
7439-89-6	Iron	32600			P
7439-92-1	Lead	12.7			P
7439-95-4	Magnesium	3200			P
7439-96-5	Manganese	719			P
7439-97-6	Mercury	0.22			CV
7440-02-0	Nickel	16.7			P
7440-09-7	Potassium	2300			P
7782-49-2	Selenium	1.7		N	P
7440-22-4	Silver	0.11	B		P
7440-23-5	Sodium	219	B		P
7440-28-0	Thallium	2.5			P
7440-62-2	Vanadium	34.3			P
7440-66-6	Zinc	74.8			P
57-12-5	Cyanide	0.50	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

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-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLTASSS190.3

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535907

Level (low/med): LOW Date Received: 07/26/03

% Solids: 69.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13800			P
7440-36-0	Antimony	2.9	B	N	P
7440-38-2	Arsenic	87.3			P
7440-39-3	Barium	818			P
7440-41-7	Beryllium	0.85			P
7440-43-9	Cadmium	0.042	U		P
7440-70-2	Calcium	6640			P
7440-47-3	Chromium	7.8			P
7440-48-4	Cobalt	15.2			P
7440-50-8	Copper	36.4			P
7439-89-6	Iron	45900			P
7439-92-1	Lead	30.7			P
7439-95-4	Magnesium	2370			P
7439-96-5	Manganese	740			P
7439-97-6	Mercury	0.42			CV
7440-02-0	Nickel	17.3			P
7440-09-7	Potassium	2530			P
7782-49-2	Selenium	2.5		N	P
7440-22-4	Silver	0.19	B		P
7440-23-5	Sodium	248	B		P
7440-28-0	Thallium	3.3			P
7440-62-2	Vanadium	32.3			P
7440-66-6	Zinc	264			P
57-12-5	Cyanide	0.71	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLTASSS200.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535908

Level (low/med): LOW Date Received: 07/26/03

% Solids: 93.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15700			P
7440-36-0	Antimony	1.7	B	N	P
7440-38-2	Arsenic	39.8			P
7440-39-3	Barium	330			P
7440-41-7	Beryllium	0.68			P
7440-43-9	Cadmium	0.030	U		P
7440-70-2	Calcium	3430			P
7440-47-3	Chromium	10.7			P
7440-48-4	Cobalt	21.5			P
7440-50-8	Copper	43.4			P
7439-89-6	Iron	36600			P
7439-92-1	Lead	12.4			P
7439-95-4	Magnesium	3210			P
7439-96-5	Manganese	1450			P
7439-97-6	Mercury	0.060			CV
7440-02-0	Nickel	26.8			P
7440-09-7	Potassium	2410			P
7782-49-2	Selenium	2.0		N	P
7440-22-4	Silver	0.20	B		P
7440-23-5	Sodium	297	B		P
7440-28-0	Thallium	2.9			P
7440-62-2	Vanadium	35.8			P
7440-66-6	Zinc	104			P
57-12-5	Cyanide	0.53	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLTASSS230.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535916

Level (low/med): LOW Date Received: 07/26/03

% Solids: 92.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13000			P
7440-36-0	Antimony	1.4	B	N	P
7440-38-2	Arsenic	198			P
7440-39-3	Barium	716			P
7440-41-7	Beryllium	0.51			P
7440-43-9	Cadmium	0.056	U		P
7440-70-2	Calcium	3140			P
7440-47-3	Chromium	7.3			P
7440-48-4	Cobalt	11.6			P
7440-50-8	Copper	37.5			P
7439-89-6	Iron	23900			P
7439-92-1	Lead	27.5			P
7439-95-4	Magnesium	1860			P
7439-96-5	Manganese	557			P
7439-97-6	Mercury	0.15			CV
7440-02-0	Nickel	14.8			P
7440-09-7	Potassium	1590			P
7782-49-2	Selenium	0.32	U	N	P
7440-22-4	Silver	0.21	U		P
7440-23-5	Sodium	63.0	B		P
7440-28-0	Thallium	0.53	U		P
7440-62-2	Vanadium	27.2			P
7440-66-6	Zinc	54.5			P
57-12-5	Cyanide	0.52	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: pale yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLTASUS201.0

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535909

Level (low/med): LOW Date Received: 07/26/03

% Solids: 91.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5290			P
7440-36-0	Antimony	2.7	B	N	P
7440-38-2	Arsenic	68.1			P
7440-39-3	Barium	820			P
7440-41-7	Beryllium	0.61			P
7440-43-9	Cadmium	0.032	U		P
7440-70-2	Calcium	4760			P
7440-47-3	Chromium	3.5			P
7440-48-4	Cobalt	12.5			P
7440-50-8	Copper	18.8			P
7439-89-6	Iron	38800			P
7439-92-1	Lead	13.0			P
7439-95-4	Magnesium	809			P
7439-96-5	Manganese	1010			P
7439-97-6	Mercury	0.35			CV
7440-02-0	Nickel	9.9			P
7440-09-7	Potassium	2330			P
7782-49-2	Selenium	2.3		N	P
7440-22-4	Silver	0.096	U		P
7440-23-5	Sodium	146	B		P
7440-28-0	Thallium	3.3			P
7440-62-2	Vanadium	24.4			P
7440-66-6	Zinc	91.0			P
57-12-5	Cyanide	0.51	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

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-1-
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSSS010.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535898

Level (low/med): LOW Date Received: 07/26/03

% Solids: 93.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2590			P
7440-36-0	Antimony	24.6		N	P
7440-38-2	Arsenic	847			P
7440-39-3	Barium	2060			P
7440-41-7	Beryllium	0.021	U		P
7440-43-9	Cadmium	27.1			P
7440-70-2	Calcium	992			P
7440-47-3	Chromium	1.2			P
7440-48-4	Cobalt	1.9	B		P
7440-50-8	Copper	167			P
7439-89-6	Iron	19900			P
7439-92-1	Lead	25300			P
7439-95-4	Magnesium	80.2	B		P
7439-96-5	Manganese	74.3			P
7439-97-6	Mercury	103			CV
7440-02-0	Nickel	2.3	B		P
7440-09-7	Potassium	2270			P
7782-49-2	Selenium	2.5		N	P
7440-22-4	Silver	45.0			P
7440-23-5	Sodium	225	U		P
7440-28-0	Thallium	14.5			P
7440-62-2	Vanadium	5.4			P
7440-66-6	Zinc	3510			P
57-12-5	Cyanide	0.52	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

IDOLWPSSS020.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535915

Level (low/med): LOW Date Received: 07/26/03

% Solids: 92.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2710			P
7440-36-0	Antimony	11.6		N	P
7440-38-2	Arsenic	114			P
7440-39-3	Barium	1770			P
7440-41-7	Beryllium	0.15	B		P
7440-43-9	Cadmium	0.96			P
7440-70-2	Calcium	3540			P
7440-47-3	Chromium	0.59	B		P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	17.3			P
7439-89-6	Iron	17100			P
7439-92-1	Lead	1360			P
7439-95-4	Magnesium	255	B		P
7439-96-5	Manganese	88.6			P
7439-97-6	Mercury	1.7			CV
7440-02-0	Nickel	1.3	B		P
7440-09-7	Potassium	1850			P
7782-49-2	Selenium	0.56		N	P
7440-22-4	Silver	2.4			P
7440-23-5	Sodium	167	B		P
7440-28-0	Thallium	0.96	B		P
7440-62-2	Vanadium	5.3			P
7440-66-6	Zinc	218			P
57-12-5	Cyanide	0.53	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: pale yellow Clarity After: clear Artifacts:

Comments:

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-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSSS030.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535913

Level (low/med): LOW Date Received: 07/26/03

% Solids: 90.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2270			P
7440-36-0	Antimony	1.7	B	N	P
7440-38-2	Arsenic	43.7			P
7440-39-3	Barium	533			P
7440-41-7	Beryllium	0.21	B		P
7440-43-9	Cadmium	0.064	U		P
7440-70-2	Calcium	17200			P
7440-47-3	Chromium	0.46	B		P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	13.1			P
7439-89-6	Iron	25600			P
7439-92-1	Lead	46.6			P
7439-95-4	Magnesium	254	B		P
7439-96-5	Manganese	201			P
7439-97-6	Mercury	0.46			CV
7440-02-0	Nickel	2.2	B		P
7440-09-7	Potassium	1930			P
7782-49-2	Selenium	0.81		N	P
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium	130	B		P
7440-28-0	Thallium	0.87	B		P
7440-62-2	Vanadium	5.6			P
7440-66-6	Zinc	45.1			P
57-12-5	Cyanide	0.55	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: pale yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSSS090.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535893

Level (low/med): LOW Date Received: 07/26/03

% Solids: 93.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1920			P
7440-36-0	Antimony	2.3	B	N	P
7440-38-2	Arsenic	43.8			P
7440-39-3	Barium	573			P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	0.029	U		P
7440-70-2	Calcium	8400			P
7440-47-3	Chromium	1.8			P
7440-48-4	Cobalt	4.1	B		P
7440-50-8	Copper	26.0			P
7439-89-6	Iron	33900			P
7439-92-1	Lead	21.1			P
7439-95-4	Magnesium	294	B		P
7439-96-5	Manganese	115			P
7439-97-6	Mercury	0.28			CV
7440-02-0	Nickel	4.4			P
7440-09-7	Potassium	2100			P
7782-49-2	Selenium	2.1		N	P
7440-22-4	Silver	0.095	B		P
7440-23-5	Sodium	148	B		P
7440-28-0	Thallium	1.9			P
7440-62-2	Vanadium	5.6			P
7440-66-6	Zinc	32.1			P
57-12-5	Cyanide	0.49	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSSS170.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535900

Level (low/med): LOW Date Received: 07/26/03

% Solids: 89.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2050			P
7440-36-0	Antimony	4.1	B	N	P
7440-38-2	Arsenic	137			P
7440-39-3	Barium	590			P
7440-41-7	Beryllium	0.061	B		P
7440-43-9	Cadmium	0.031	U		P
7440-70-2	Calcium	671			P
7440-47-3	Chromium	1.1			P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	24.7			P
7439-89-6	Iron	17900			P
7439-92-1	Lead	10.9			P
7439-95-4	Magnesium	214	B		P
7439-96-5	Manganese	44.5			P
7439-97-6	Mercury	1.0			CV
7440-02-0	Nickel	5.3			P
7440-09-7	Potassium	1260			P
7782-49-2	Selenium	1.8		N	P
7440-22-4	Silver	0.093	U		P
7440-23-5	Sodium	116	B		P
7440-28-0	Thallium	0.83	B		P
7440-62-2	Vanadium	8.4			P
7440-66-6	Zinc	22.0			P
57-12-5	Cyanide	0.53	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSSS210.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535912

Level (low/med): LOW Date Received: 07/26/03

% Solids: 95.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3140			P
7440-36-0	Antimony	6.5		N	P
7440-38-2	Arsenic	961			P
7440-39-3	Barium	26.1			P
7440-41-7	Beryllium	0.50			P
7440-43-9	Cadmium	0.057	U		P
7440-70-2	Calcium	44700			P
7440-47-3	Chromium	0.81	B		P
7440-48-4	Cobalt	7.4			P
7440-50-8	Copper	23.6			P
7439-89-6	Iron	44700			P
7439-92-1	Lead	11.5			P
7439-95-4	Magnesium	14300			P
7439-96-5	Manganese	2740			P
7439-97-6	Mercury	2.0			CV
7440-02-0	Nickel	5.4			P
7440-09-7	Potassium	1730			P
7782-49-2	Selenium	0.32	U	N	P
7440-22-4	Silver	0.21	U		P
7440-23-5	Sodium	61.4	B		P
7440-28-0	Thallium	0.54	U		P
7440-62-2	Vanadium	15.2			P
7440-66-6	Zinc	87.7			P
57-12-5	Cyanide	0.49	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: pale yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSUS023.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535911

Level (low/med): LOW Date Received: 07/26/03

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10200			P
7440-36-0	Antimony	1.9	B	N	P
7440-38-2	Arsenic	49.5			P
7440-39-3	Barium	438			P
7440-41-7	Beryllium	0.69			P
7440-43-9	Cadmium	9.0			P
7440-70-2	Calcium	3000			P
7440-47-3	Chromium	5.1			P
7440-48-4	Cobalt	13.1			P
7440-50-8	Copper	33.3			P
7439-89-6	Iron	31700			P
7439-92-1	Lead	102			P
7439-95-4	Magnesium	1780			P
7439-96-5	Manganese	1490			P
7439-97-6	Mercury	0.37			CV
7440-02-0	Nickel	16.9			P
7440-09-7	Potassium	2050			P
7782-49-2	Selenium	0.37	U	N	P
7440-22-4	Silver	0.24	U		P
7440-23-5	Sodium	109	B		P
7440-28-0	Thallium	0.62	U		P
7440-62-2	Vanadium	24.7			P
7440-66-6	Zinc	1130			P
57-12-5	Cyanide	0.46	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: pale yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

IDOLWPSUS033.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535894

Level (low/med): LOW Date Received: 07/26/03

% Solids: 86.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1740			P
7440-36-0	Antimony	2.3	B	N	P
7440-38-2	Arsenic	37.3			P
7440-39-3	Barium	361			P
7440-41-7	Beryllium	0.042	B		P
7440-43-9	Cadmium	0.030	U		P
7440-70-2	Calcium	24600			P
7440-47-3	Chromium	2.3			P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	10.5			P
7439-89-6	Iron	42300			P
7439-92-1	Lead	11.5			P
7439-95-4	Magnesium	292	B		P
7439-96-5	Manganese	53.5			P
7439-97-6	Mercury	0.44			CV
7440-02-0	Nickel	3.0	B		P
7440-09-7	Potassium	1760			P
7782-49-2	Selenium	2.8		N	P
7440-22-4	Silver	0.089	U		P
7440-23-5	Sodium	181	B		P
7440-28-0	Thallium	2.2			P
7440-62-2	Vanadium	10.1			P
7440-66-6	Zinc	30.5			P
57-12-5	Cyanide	0.58	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSUS041.0

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535896

Level (low/med): LOW Date Received: 07/26/03

% Solids: 92.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1180			P
7440-36-0	Antimony	1.7	B	N	P
7440-38-2	Arsenic	42.2			P
7440-39-3	Barium	391			P
7440-41-7	Beryllium	0.019	U		P
7440-43-9	Cadmium	0.74			P
7440-70-2	Calcium	1870			P
7440-47-3	Chromium	0.29	B		P
7440-48-4	Cobalt	0.23	B		P
7440-50-8	Copper	3.7			P
7439-89-6	Iron	3690			P
7439-92-1	Lead	452			P
7439-95-4	Magnesium	94.4	B		P
7439-96-5	Manganese	19.8			P
7439-97-6	Mercury	3.3			CV
7440-02-0	Nickel	0.19	U		P
7440-09-7	Potassium	1010			P
7782-49-2	Selenium	0.36	B	N	P
7440-22-4	Silver	1.7			P
7440-23-5	Sodium	52.9	B		P
7440-28-0	Thallium	0.27	U		P
7440-62-2	Vanadium	0.98	B		P
7440-66-6	Zinc	83.1			P
57-12-5	Cyanide	0.50	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSUS18100

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535905

Level (low/med): LOW Date Received: 07/26/03

% Solids: 87.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3510			P
7440-36-0	Antimony	3.0	B	N	P
7440-38-2	Arsenic	184			P
7440-39-3	Barium	447			P
7440-41-7	Beryllium	0.23	B		P
7440-43-9	Cadmium	0.034	U		P
7440-70-2	Calcium	5500			P
7440-47-3	Chromium	1.7			P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	15.9			P
7439-89-6	Iron	32600			P
7439-92-1	Lead	23.1			P
7439-95-4	Magnesium	356	B		P
7439-96-5	Manganese	89.0			P
7439-97-6	Mercury	1.3			CV
7440-02-0	Nickel	2.6	B		P
7440-09-7	Potassium	2830			P
7782-49-2	Selenium	2.6		N	P
7440-22-4	Silver	0.16	B		P
7440-23-5	Sodium	253	B		P
7440-28-0	Thallium	3.0			P
7440-62-2	Vanadium	28.2			P
7440-66-6	Zinc	80.6			P
57-12-5	Cyanide	0.53	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
IDOLWPSUS185.5

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Lab Sample ID: 535901

Level (low/med): LOW Date Received: 07/26/03

% Solids: 90.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4020			P
7440-36-0	Antimony	2.5	B	N	P
7440-38-2	Arsenic	151			P
7440-39-3	Barium	178			P
7440-41-7	Beryllium	0.080	B		P
7440-43-9	Cadmium	0.031	U		P
7440-70-2	Calcium	4400			P
7440-47-3	Chromium	1.4			P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	13.7			P
7439-89-6	Iron	20400			P
7439-92-1	Lead	21.8			P
7439-95-4	Magnesium	376	B		P
7439-96-5	Manganese	84.3			P
7439-97-6	Mercury	1.3			CV
7440-02-0	Nickel	2.2	B		P
7440-09-7	Potassium	2470			P
7782-49-2	Selenium	2.9		N	P
7440-22-4	Silver	0.19	B		P
7440-23-5	Sodium	348	B		P
7440-28-0	Thallium	2.0			P
7440-62-2	Vanadium	15.4			P
7440-66-6	Zinc	25.7			P
57-12-5	Cyanide	0.54	U		AS

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: clear Artifacts:

Comments:

USEPA - CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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)	
Cyanide	120.0	117.46	97.9	150.0	140.94	94.0	143.67	95.8	AS

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

USEPA - CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Cyanide				150.0	142.40	94.9	142.75	95.2	AS

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

USEPA - CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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)	
Cyanide	120.0	129.20	107.7	150.0	148.90	99.3	147.60	98.4	AS

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

USEPA - CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Cyanide				150.0	149.50	99.7	151.17	100.8	AS

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

USEPA - CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Barium	500.0	479.10	95.8	200.0	200.80	100.4	199.10	99.6	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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)	
Barium				200.0	205.30	102.6	204.70	102.4	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Barium				200.0	209.50	104.8	212.10	106.0	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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)	
Aluminum	26000.0	26270.00	101.0	30200.0	30480.00	100.9	30580.00	101.3	P
Antimony	250.0	257.90	103.2	300.0	315.70	105.2	313.50	104.5	P
Arsenic	250.0	252.30	100.9	100.0	102.40	102.4	102.70	102.7	P
Barium	500.0	494.30	98.9	200.0	200.20	100.1	200.00	100.0	P
Beryllium	500.0	504.30	100.9	100.0	99.84	99.8	99.80	99.8	P
Cadmium	500.0	491.80	98.4	100.0	98.33	98.3	97.81	97.8	P
Calcium	25000.0	25220.00	100.9	30200.0	30320.00	100.4	30200.00	100.0	P
Chromium	500.0	498.30	99.7	200.0	198.20	99.1	198.20	99.1	P
Cobalt	500.0	491.60	98.3	200.0	198.50	99.2	198.10	99.0	P
Copper	500.0	503.60	100.7	200.0	203.50	101.8	203.00	101.5	P
Iron	25500.0	26390.00	103.5	30200.0	30630.00	101.4	30730.00	101.8	P
Lead	1000.0	1005.00	100.5	400.0	399.20	99.8	398.90	99.7	P
Magnesium	25000.0	25370.00	101.5	30200.0	30260.00	100.2	30310.00	100.4	P
Manganese	500.0	493.30	98.7	200.0	199.00	99.5	198.80	99.4	P
Nickel	500.0	495.50	99.1	200.0	197.90	99.0	197.70	98.8	P
Potassium	25000.0	26500.00	106.0	30200.0	31590.00	104.6	31850.00	105.5	P
Selenium	250.0	243.80	97.5	100.0	102.90	102.9	101.30	101.3	P
Silver	500.0	497.20	99.4	100.0	99.74	99.7	100.70	100.7	P
Sodium	25000.0	25090.00	100.4	30200.0	29480.00	97.6	29950.00	99.2	P
Thallium	250.0	239.60	95.8	100.0	101.00	101.0	97.83	97.8	P
Vanadium	500.0	495.30	99.1	200.0	199.30	99.6	199.20	99.6	P
Zinc	500.0	501.50	100.3	200.0	202.50	101.2	202.60	101.3	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Aluminum				30200.0	30490.00	101.0	30200.00	100.0	P
Antimony				300.0	313.00	104.3	312.90	104.3	P
Arsenic				100.0	104.90	104.9	101.60	101.6	P
Barium				200.0	200.50	100.2	197.40	98.7	P
Beryllium				100.0	100.20	100.2	98.56	98.6	P
Cadmium				100.0	97.47	97.5	96.06	96.1	P
Calcium				30200.0	30480.00	100.9	30000.00	99.3	P
Chromium				200.0	198.10	99.0	195.40	97.7	P
Cobalt				200.0	197.90	99.0	196.60	98.3	P
Copper				200.0	202.60	101.3	200.30	100.2	P
Iron				30200.0	30790.00	102.0	30430.00	100.8	P
Lead				400.0	396.10	99.0	395.10	98.8	P
Magnesium				30200.0	30350.00	100.5	29940.00	99.1	P
Manganese				200.0	199.20	99.6	196.00	98.0	P
Nickel				200.0	197.20	98.6	195.50	97.8	P
Potassium				30200.0	31820.00	105.4	31470.00	104.2	P
Selenium				100.0	100.60	100.6	100.90	100.9	P
Silver				100.0	100.00	100.0	99.30	99.3	P
Sodium				30200.0	29990.00	99.3	29480.00	97.6	P
Thallium				100.0	99.05	99.0	99.70	99.7	P
Vanadium				200.0	198.80	99.4	196.80	98.4	P
Zinc				200.0	202.70	101.4	200.20	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Aluminum	26000.0	26540.00	102.1	30200.0	30480.00	100.9	30070.00	99.6	P
Antimony	250.0	257.70	103.1	300.0	308.30	102.8	307.10	102.4	P
Arsenic	250.0	251.60	100.6	100.0	104.10	104.1	101.00	101.0	P
Barium	500.0	496.50	99.3	200.0	199.90	100.0	196.80	98.4	P
Beryllium	500.0	508.90	101.8	100.0	100.70	100.7	99.84	99.8	P
Cadmium	500.0	494.30	98.9	100.0	97.44	97.4	96.19	96.2	P
Calcium	25000.0	25810.00	103.2	30200.0	30700.00	101.7	30340.00	100.5	P
Chromium	500.0	503.10	100.6	200.0	197.90	99.0	194.70	97.4	P
Cobalt	500.0	493.30	98.7	200.0	197.80	98.9	195.90	98.0	P
Copper	500.0	503.50	100.7	200.0	201.40	100.7	198.60	99.3	P
Iron	25500.0	27200.00	106.7	30200.0	31660.00	104.8	31690.00	104.9	P
Lead	1000.0	1028.00	102.8	400.0	401.90	100.5	395.50	98.9	P
Magnesium	25000.0	25800.00	103.2	30200.0	30530.00	101.1	30110.00	99.7	P
Manganese	500.0	497.20	99.4	200.0	198.90	99.4	196.40	98.2	P
Nickel	500.0	501.50	100.3	200.0	198.30	99.2	195.80	97.9	P
Potassium	25000.0	26350.00	105.4	30200.0	31190.00	103.3	30720.00	101.7	P
Selenium	250.0	251.90	100.8	100.0	105.50	105.5	101.70	101.7	P
Silver	500.0	497.80	99.6	100.0	97.51	97.5	96.96	97.0	P
Sodium	25000.0	25380.00	101.5	30200.0	30420.00	100.7	29760.00	98.5	P
Thallium	250.0	249.40	99.8	100.0	102.40	102.4	102.90	102.9	P
Vanadium	500.0	499.70	99.9	200.0	197.10	98.6	193.90	97.0	P
Zinc	500.0	504.10	100.8	200.0	201.60	100.8	200.20	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Aluminum				30200.0	30900.00	102.3	31770.00	105.2	P
Antimony				300.0	318.20	106.1	324.60	108.2	P
Arsenic				100.0	102.90	102.9	105.80	105.8	P
Barium				200.0	202.60	101.3	210.90	105.4	P
Beryllium				100.0	102.20	102.2	104.70	104.7	P
Cadmium				100.0	98.88	98.9	100.70	100.7	P
Calcium				30200.0	31110.00	103.0	31880.00	105.6	P
Chromium				200.0	200.60	100.3	204.30	102.2	P
Cobalt				200.0	197.70	98.8	202.00	101.0	P
Copper				200.0	204.80	102.4	209.50	104.8	P
Iron				30200.0	32720.00	108.3	33640.00	111.4	P
Lead				400.0	403.80	101.0	412.50	103.1	P
Magnesium				30200.0	30830.00	102.1	31520.00	104.4	P
Manganese				200.0	203.90	102.0	210.20	105.1	P
Nickel				200.0	201.40	100.7	205.80	102.9	P
Potassium				30200.0	31390.00	103.9	32130.00	106.4	P
Selenium				100.0	101.40	101.4	105.90	105.9	P
Silver				100.0	99.94	99.9	101.50	101.5	P
Sodium				30200.0	30280.00	100.3	31090.00	102.9	P
Thallium				100.0	105.20	105.2	104.10	104.1	P
Vanadium				200.0	200.20	100.1	204.00	102.0	P
Zinc				200.0	206.40	103.2	210.60	105.3	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Aluminum				30200.0	31130.00	103.1			P
Antimony				300.0	315.30	105.1			P
Arsenic				100.0	103.40	103.4			P
Barium				200.0	204.40	102.2			P
Beryllium				100.0	102.50	102.5			P
Cadmium				100.0	98.95	99.0			P
Calcium				30200.0	31290.00	103.6			P
Chromium				200.0	199.80	99.9			P
Cobalt				200.0	197.10	98.6			P
Copper				200.0	205.10	102.6			P
Iron				30200.0	32820.00	108.7			P
Lead				400.0	403.00	100.8			P
Magnesium				30200.0	31000.00	102.6			P
Manganese				200.0	203.00	101.5			P
Nickel				200.0	201.00	100.5			P
Potassium				30200.0	31510.00	104.3			P
Selenium				100.0	102.00	102.0			P
Silver				100.0	99.09	99.1			P
Sodium				30200.0	30320.00	100.4			P
Thallium				100.0	101.80	101.8			P
Vanadium				200.0	199.80	99.9			P
Zinc				200.0	204.70	102.4			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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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)	
Manganese	500.0	494.50	98.9	200.0	206.50	103.2	209.00	104.5	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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)	
Manganese				200.0	202.30	101.2			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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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	2.72	90.7	5.0	4.85	97.0	4.46	89.2	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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				5.0	4.76	95.2			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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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	2.73	91.0	5.0	4.93	98.6	4.77	95.4	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

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	2.74	91.3	5.0	4.92	98.4	5.04	100.8	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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

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				5.0	5.24	104.8	5.30	106.0	CV

(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: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Barium				400.0	390.60	97.6	412.50	103.1

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

USEPA - CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Aluminum				400.0	448.10	112.0	498.60	124.6
Antimony				120.0	129.20	107.7	130.10	108.4
Arsenic				20.0	22.07	110.4	23.22	116.1
Barium				400.0	396.90	99.2	395.80	99.0
Beryllium				10.0	10.34	103.4	10.44	104.4
Cadmium				10.0	10.35	103.5	10.21	102.1
Calcium				10000.0	10470.00	104.7	10530.00	105.3
Chromium				20.0	21.45	107.2	21.86	109.3
Cobalt				100.0	97.89	97.9	98.37	98.4
Copper				50.0	51.84	103.7	51.42	102.8
Iron				200.0	233.80	116.9	265.50	132.8
Lead				6.0	6.89	114.8	7.38	123.0
Magnesium				10000.0	10340.00	103.4	10390.00	103.9
Manganese				30.0	30.32	101.1	30.36	101.2
Nickel				80.0	80.39	100.5	80.86	101.1
Potassium				10000.0	11030.00	110.3	11020.00	110.2
Selenium				10.0	7.75	77.5	8.13	81.3
Silver				20.0	19.86	99.3	20.31	101.6
Sodium				10000.0	10220.00	102.2	10120.00	101.2
Thallium				20.0	17.74	88.7	21.02	105.1
Vanadium				100.0	100.40	100.4	100.30	100.3
Zinc				40.0	41.43	103.6	41.58	104.0

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

USEPA - CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Aluminum				400.0	586.70	146.7	689.30	172.3
Antimony				120.0	130.60	108.8	125.10	104.2
Arsenic				20.0	21.75	108.8	20.15	100.8
Barium				400.0	393.40	98.4	392.90	98.2
Beryllium				10.0	10.30	103.0	10.46	104.6
Cadmium				10.0	10.52	105.2	10.34	103.4
Calcium				10000.0	10650.00	106.5	10760.00	107.6
Chromium				20.0	20.85	104.2	20.71	103.6
Cobalt				100.0	97.47	97.5	95.09	95.1
Copper				50.0	50.99	102.0	51.22	102.4
Iron				200.0	301.80	150.9	359.10	179.6
Lead				6.0	5.09	84.8	4.58	76.3
Magnesium				10000.0	10500.00	105.0	10570.00	105.7
Manganese				30.0	30.33	101.1	30.31	101.0
Nickel				80.0	80.81	101.0	79.88	99.8
Potassium				10000.0	10740.00	107.4	10600.00	106.0
Selenium				10.0	9.98	99.8	9.73	97.3
Silver				20.0	20.06	100.3	19.21	96.0
Sodium				10000.0	10520.00	105.2	10360.00	103.6
Thallium				20.0	21.82	109.1	22.69	113.4
Vanadium				100.0	99.98	100.0	98.21	98.2
Zinc				40.0	41.87	104.7	41.98	105.0

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

USEPA - CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Manganese				30.0	29.29	97.6	30.87	102.9

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

USEPA - CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Mercury	0.2	0.14	70.0					

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

USEPA - CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Mercury	0.2	0.17	85.0					

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

USEPA - CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

AA CRDL Standard Source: Inorganic Ventures

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
Mercury	0.2	0.26	130.0					

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

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): SOIL

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	0.495	U	AS

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Cyanide			10.0	U							AS

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): SOIL

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	0.467	U	AS

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Cyanide			10.0	U							AS

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Barium	7.3	U	7.3	U	7.3	U	7.3	U			P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Barium			7.3	U	7.3	U	7.3	U			P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): SOIL

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	-96.2	B	-85.9	B	-91.8	B	-101.6	B	-9.763	B	P
Antimony	4.7	U	4.7	U	4.7	U	4.7	U	0.470	U	P
Arsenic	4.8	U	4.8	U	4.8	U	4.8	U	0.480	U	P
Barium	5.9	U	5.9	U	5.9	U	5.9	U	0.590	U	P
Beryllium	0.2	B	0.2	U	0.2	U	0.2	U	0.020	U	P
Cadmium	0.6	U	0.6	U	0.6	U	0.6	U	0.060	U	P
Calcium	182.1	U	182.1	U	182.1	U	182.1	U	18.210	U	P
Chromium	1.4	U	1.4	U	1.4	U	1.4	U	0.140	U	P
Cobalt	2.0	U	2.0	U	2.0	U	2.0	U	0.200	U	P
Copper	2.4	U	2.4	U	2.4	U	2.4	U	0.240	U	P
Iron	-48.3	B	-44.0	B	-45.0	B	33.3	U	-5.182	B	P
Lead	1.3	U	1.3	U	1.3	U	1.9	B	0.295	B	P
Magnesium	178.3	U	178.3	U	178.3	U	178.3	U	17.830	U	P
Manganese	0.7	U	0.7	U	0.7	U	0.7	U	0.070	U	P
Nickel	2.1	U	2.1	U	2.1	U	2.1	U	0.210	U	P
Potassium	393.0	U	393.0	U	393.0	U	393.0	U	39.300	U	P
Selenium	3.4	U	3.4	U	3.4	U	3.4	U	0.340	U	P
Silver	2.2	U	2.2	U	2.2	U	2.2	U	0.220	U	P
Sodium	472.7	U	472.7	U	472.7	U	472.7	U	83.900	B	P
Thallium	5.7	U	5.7	U	5.7	U	5.7	U	0.570	U	P
Vanadium	2.0	U	2.0	U	2.0	U	2.0	U	0.200	U	P
Zinc	1.0	U	1.0	U	1.0	U	1.0	U	0.288	B	P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Aluminum			-90.0	B							P
Antimony			4.7	U							P
Arsenic			4.8	U							P
Barium			5.9	U							P
Beryllium			0.2	U							P
Cadmium			0.6	U							P
Calcium			182.1	U							P
Chromium			1.4	U							P
Cobalt			2.0	U							P
Copper			2.4	U							P
Iron			33.3	U							P
Lead			1.3	U							P
Magnesium			178.3	U							P
Manganese			0.7	U							P
Nickel			2.1	U							P
Potassium			393.0	U							P
Selenium			3.4	U							P
Silver			2.2	U							P
Sodium			472.7	U							P
Thallium			5.7	U							P
Vanadium			2.0	U							P
Zinc			1.0	U							P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): SOIL

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	-92.9	B	-112.9	B	-121.6	B	-95.2	B	-9.913	B	P
Antimony	3.8	U	3.8	U	3.8	U	3.8	U	0.968	B	P
Arsenic	2.4	U	3.4	B	2.4	U	2.4	U	0.244	B	P
Barium	7.3	U	7.3	U	7.3	U	7.3	U	0.730	U	P
Beryllium	0.2	U	0.2	U	0.2	U	-0.5	B	-0.074	B	P
Cadmium	0.3	U	0.3	U	0.3	U	0.3	U	0.030	U	P
Calcium	223.2	U	223.2	U	223.2	U	223.2	U	22.320	U	P
Chromium	0.6	B	0.6	U	0.6	U	0.6	U	0.104	B	P
Cobalt	1.8	U	1.8	U	1.8	U	1.8	U	0.180	U	P
Copper	1.4	U	1.4	U	1.4	U	1.4	B	0.173	B	P
Iron	-44.6	B	-38.9	B	-28.8	B	16.8	U	-3.973	B	P
Lead	-2.1	B	1.5	U	1.5	U	1.5	U	0.150	U	P
Magnesium	181.7	U	181.7	U	181.7	U	181.7	U	18.170	U	P
Manganese	0.7	U	0.7	U	0.7	U	0.9	B	0.070	U	P
Nickel	2.0	U	2.0	U	2.0	U	2.0	U	-0.295	B	P
Potassium	250.0	U	250.0	U	250.0	U	250.0	U	25.000	U	P
Selenium	-3.1	B	1.7	U	1.7	U	-1.9	B	0.170	U	P
Silver	0.9	U	-0.9	B	0.9	U	0.9	U	-0.097	B	P
Sodium	392.7	B	372.0	B	313.2	B	451.8	B	74.910	B	P
Thallium	7.0	B	3.6	B	6.7	B	3.2	B	-0.574	B	P
Vanadium	2.2	U	2.2	U	2.2	U	2.2	U	0.220	U	P
Zinc	5.7	U	5.7	U	5.7	U	5.7	U	0.570	U	P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Aluminum			-106.9	B	-106.1	B					P
Antimony			3.8	U	3.8	U					P
Arsenic			2.4	U	2.4	U					P
Barium			7.3	U	7.3	U					P
Beryllium			0.2	U	-0.2	B					P
Cadmium			0.3	U	0.3	U					P
Calcium			223.2	U	223.2	U					P
Chromium			0.6	U	0.6	U					P
Cobalt			1.8	U	1.8	U					P
Copper			1.4	U	1.5	B					P
Iron			16.8	U	-41.3	B					P
Lead			1.5	U	1.5	U					P
Magnesium			181.7	U	181.7	U					P
Manganese			0.9	B	0.7	U					P
Nickel			2.0	U	2.0	U					P
Potassium			250.0	U	250.0	U					P
Selenium			1.7	U	-2.5	B					P
Silver			0.9	U	0.9	U					P
Sodium			470.9	B	273.8	B					P
Thallium			4.8	B	2.8	U					P
Vanadium			2.2	U	2.2	U					P
Zinc			5.7	U	5.7	U					P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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
Manganese	1.9	U	1.9	U	1.9	U	1.9	U			P

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): SOIL

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

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	0.1	U	0.017	U	CV

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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					CV

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): SOIL

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

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	0.1	U	0.017	U	CV

USEPA - CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Preparation Blank Matrix (soil/water): WATER

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							CV

USEPA - CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 6 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
Barium	0	466	1	507.0	108.8	2	528.7	113.5

USEPA - CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 4 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
Aluminum	500000	477680	509600	513000.0	107.4	513500	514100.0	107.6
Antimony	0	575	-3	630.2	109.6	-1	632.5	110.0
Arsenic	0	97	8	104.0	107.2	5	104.2	107.4
Barium	0	464	2	496.8	107.1	3	496.6	107.0
Beryllium	0	444	0	472.8	106.5	0	475.3	107.0
Cadmium	0	874	-1	925.2	105.9	-1	923.2	105.6
Calcium	500000	476380	491400	499900.0	104.9	493300	501100.0	105.2
Chromium	0	451	4	478.5	106.1	4	480.2	106.5
Cobalt	0	434	-1	456.9	105.3	-1	458.8	105.7
Copper	0	482	4	516.1	107.1	3	515.6	107.0
Iron	200000	192500	204000	202500.0	105.2	205200	203400.0	105.7
Lead	0	41	-1	44.9	109.5	3	45.0	109.8
Magnesium	500000	524140	540200	548000.0	104.6	542100	550100.0	105.0
Manganese	0	451	1	479.0	106.2	2	479.1	106.2
Nickel	0	876	1	926.4	105.8	2	930.4	106.2
Potassium	0	0	-76	-80.5		-86	-85.3	
Selenium	0	41	-7	40.8	99.5	-5	46.2	112.7
Silver	0	198	1	210.5	106.3	0	211.4	106.8
Sodium	0	0	-72	-158.7		-48	-225.8	
Thallium	0	83	-7	84.9	102.3	-3	88.5	106.6
Vanadium	0	464	2	494.5	106.6	2	495.4	106.8
Zinc	0	951	4	999.3	105.1	4	1001.0	105.3

USEPA - CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 6 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
Aluminum	500000	488880	542500	512600.0	104.9	516700	531700.0	108.8
Antimony	0	604	11	622.5	103.1	7	642.2	106.3
Arsenic	0	98	2	103.2	105.3	3	101.2	103.3
Barium	0	493	2	488.9	99.2	2	508.5	103.1
Beryllium	0	452	-1	464.8	102.8	0	484.7	107.2
Cadmium	0	922	7	920.0	99.8	7	946.3	102.6
Calcium	500000	459460	494000	470700.0	102.4	477000	487800.0	106.2
Chromium	0	471	5	469.4	99.7	5	483.5	102.7
Cobalt	0	465	9	456.4	98.2	9	465.9	100.2
Copper	0	526	4	514.4	97.8	4	532.2	101.2
Iron	200000	191660	220000	205700.0	107.3	216700	217900.0	113.7
Lead	0	48	7	49.3	102.7	6	55.0	114.6
Magnesium	500000	546140	581600	555500.0	101.7	558200	574200.0	105.1
Manganese	0	468	-1	468.0	100.0	0	486.7	104.0
Nickel	0	926	12	922.4	99.6	12	950.5	102.6
Potassium	0	0	148	-52.9		83	54.9	
Selenium	0	46	3	47.5	103.3	5	54.2	117.8
Silver	0	215	0	207.3	96.4	0	212.4	98.8
Sodium	0	0	188	30.3		-120	-112.8	
Thallium	0	97	16	104.9	108.1	11	108.7	112.1
Vanadium	0	477	-4	473.4	99.2	-4	491.1	103.0
Zinc	0	901	8	929.8	103.2	9	969.4	107.6

USEPA - CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 5 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
Manganese	0	473	23	504.6	106.7	26	523.7	110.7

USEPA - CLP FORMS

5A

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IDOLBKSSS080.5S

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 100.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		16380.0000		13596.5898		200.00	1391.7		P
Antimony	75 - 125	16.3600		7.9861		50.00	16.7	N	P
Arsenic		110.3000		106.9370		4.00	84.1		P
Barium	75 - 125	616.8000		423.7994		200.00	96.5		P
Beryllium	75 - 125	5.5880		0.6374		5.00	99.0		P
Cadmium	75 - 125	4.5270		0.0320	U	5.00	90.5		P
Chromium	75 - 125	26.7600		6.3095		20.00	102.3		P
Cobalt	75 - 125	58.7700		10.9819		50.00	95.6		P
Copper	75 - 125	53.5600		27.3853		25.00	104.7		P
Iron		31650.0000		32433.3008		100.00	-783.3		P
Lead		17.1100		17.1825		2.00	-3.6		P
Manganese		1463.0000		1410.8860		50.00	104.2		P
Mercury	75 - 125	0.2889		0.1017		0.16	117.0		CV
Nickel	75 - 125	62.5500		11.4728		50.00	102.2		P
Selenium	75 - 125	2.4650		2.0224		1.00	44.3	N	P
Silver	75 - 125	4.1310		0.2057	B	5.00	78.5		P
Thallium	75 - 125	7.7450		3.4792		5.00	85.3		P
Vanadium	75 - 125	80.3300		30.8751		50.00	98.9		P
Zinc	75 - 125	154.0000		102.4440		50.00	103.1		P
Cyanide	75 - 125	5.4858		0.5034	U	4.85	113.1		AS

Comments:

USEPA - CLP FORMS

5B

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

IDOLBKSSS080.5A

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS _____ SDG No.: IDS001

Matrix (soil/water): SOIL 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
Aluminum		126600.00		127400.00		2000.0	-40.0		P
Antimony		549.30		74.83		500.0	94.9		P
Arsenic		1017.00		1002.00		40.0	37.5		P
Barium		5659.00		3971.00		2000.0	84.4		P
Beryllium		51.86		5.97		50.0	91.8		P
Cadmium		40.75		0.30	U	50.0	81.5		P
Chromium		243.00		59.12		200.0	91.9		P
Cobalt		542.70		102.90		500.0	88.0		P
Copper		491.00		256.60		250.0	93.8		P
Iron		298700.00		303900.00		1000.0	-520.0		P
Lead		172.30		161.00		20.0	56.5		P
Manganese		18430.00		13220.00		5000.0	104.2		P
Nickel		557.00		107.50		500.0	89.9		P
Selenium		25.37		18.95		10.0	64.2		P
Silver		27.50		1.93	B	50.0	51.1		P
Thallium		75.28		32.60		50.0	85.4		P
Vanadium		748.80		289.30		500.0	91.9		P
Zinc		1409.00		959.90		500.0	89.8		P
Cyanide		28.40		10.00	U	20.0	142.0		AS

Comments:

USEPA - CLP FORMS

6

DUPLICATES

SAMPLE NO.

IDOLBKSSS080.5D

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 93.7 % Solids for Duplicate: 93.1

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		13596.5898		13874.0703		2.0		P
Antimony	6.4	7.9861		7.5208		6.0		P
Arsenic		106.9370		118.6766		10.4		P
Barium		423.7994		466.0619		9.5		P
Beryllium	0.5	0.6374		0.6605		3.6		P
Cadmium		0.0320	U	0.0320	U			P
Calcium		4010.6731		4224.1201		5.2		P
Chromium		6.3095		6.3084		0.0		P
Cobalt	5.3	10.9819		10.9819		0.0		P
Copper		27.3853		28.4205		3.7		P
Iron		32433.3008		33916.7617		4.5		P
Lead		17.1825		16.0192		7.0		P
Magnesium	533.6	1247.5990		1410.8860		12.3		P
Manganese		1410.8860		1324.4399		6.3		P
Mercury	0.0	0.1017		0.1112		8.9		CV
Nickel	4.3	11.4728		11.8997		3.7		P
Potassium		2875.1340		3043.7571		5.7		P
Selenium	0.5	2.0224		2.0907		3.3		P
Silver		0.2057	B	0.1491	B	31.9		P
Sodium		393.1697	B	396.5849	B	0.9		P
Thallium	1.1	3.4792		3.1057		11.3		P
Vanadium		30.8751		31.8997		3.3		P
Zinc		102.4440		106.4354		3.8		P
Cyanide		0.5034	U	0.5082	U			AS

USEPA - CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	C	Limits		%R
Cyanide				6.0	5.9		5.4	6.6	98.3

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Cyanide				6.0	5.9		5.4	6.6	98.3

USEPA - CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Cyanide				6.0	6.47		90.0	110.0	107.9

USEPA - CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	C	Limits		%R
Aluminum				200.0	205.5		160.0	240.0	102.8
Antimony				50.0	55.3		40.0	60.0	110.6
Arsenic				24.0	25.4		19.2	28.8	105.8
Barium				200.0	208.8		160.0	240.0	104.4
Beryllium				5.0	5.4		4.0	6.0	108.0
Cadmium				25.0	26.1		20.0	30.0	104.4
Calcium				2000.0	2195.0		1600.0	2400.0	109.8
Chromium				20.0	21.7		16.0	24.0	108.5
Cobalt				50.0	52.0		40.0	60.0	104.0
Copper				25.0	27.8		20.0	30.0	111.2
Iron				100.0	110.2		80.0	120.0	110.2
Lead				22.0	23.0		17.6	26.4	104.5
Magnesium				2000.0	2129.0		1600.0	2400.0	106.4
Manganese				50.0	53.3		40.0	60.0	106.6
Nickel				50.0	52.0		40.0	60.0	104.0
Potassium				2000.0	2174.0		1600.0	2400.0	108.7
Selenium				21.0	21.0		16.8	25.2	100.0
Silver				25.0	23.8		20.0	30.0	95.2
Sodium				2000.0	2176.0		1600.0	2400.0	108.8
Thallium				25.0	25.9		20.0	30.0	103.6
Vanadium				50.0	53.7		40.0	60.0	107.4
Zinc				50.0	53.0		40.0	60.0	106.0

USEPA - CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				200.0	211.2		160.0	240.0	105.6
Antimony				50.0	55.7		40.0	60.0	111.4
Arsenic				24.0	25.7		19.2	28.8	107.1
Barium				200.0	208.5		160.0	240.0	104.2
Beryllium				5.0	5.3		4.0	6.0	106.0
Cadmium				25.0	26.5		20.0	30.0	106.0
Calcium				2000.0	2197.0		1600.0	2400.0	109.8
Chromium				20.0	21.9		16.0	24.0	109.5
Cobalt				50.0	51.7		40.0	60.0	103.4
Copper				25.0	29.9		20.0	30.0	119.6
Iron				100.0	117.8		80.0	120.0	117.8
Lead				22.0	23.8		17.6	26.4	108.2
Magnesium				2000.0	2140.0		1600.0	2400.0	107.0
Manganese				50.0	53.7		40.0	60.0	107.4
Nickel				50.0	52.7		40.0	60.0	105.4
Potassium				2000.0	2418.0		1600.0	2400.0	120.9
Selenium				21.0	21.2		16.8	25.2	101.0
Silver				25.0	26.3		20.0	30.0	105.2
Sodium				2000.0	2164.0		1600.0	2400.0	108.2
Thallium				25.0	26.1		20.0	30.0	104.4
Vanadium				50.0	54.3		40.0	60.0	108.6
Zinc				50.0	56.4		40.0	60.0	112.8

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury				0.1	0.1		0.1	0.1	100.0

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury				0.1	0.1		0.1	0.1	100.0

USEPA - CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	C	Limits		%R
Mercury				0.1	0.1		0.1	0.1	100.0

USEPA - CLP FORMS

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Solid LCS Source: ERA lot249/USEPA 0996/ERA lot0899

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury				0.1	0.1		0.1	0.1	100.0

USEPA - CLP FORMS

9
ICP SERIAL DILUTIONS

SAMPLE NO.

IDOLBKSSS080.5L

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	127400.00		131300.00		3.1		P
Antimony	74.83		87.42	B	16.8		P
Arsenic	1002.00		1070.00		6.8		P
Barium	3971.00		4062.00		2.3		P
Beryllium	5.97		6.22	B	4.2		P
Cadmium	0.30	U	1.50	U			P
Calcium	37580.00		39050.00		3.9		P
Chromium	59.12		64.46		9.0		P
Cobalt	102.90		108.30	B	5.2		P
Copper	256.60		261.70		2.0		P
Iron	303900.00		313900.00		3.3		P
Lead	161.00		171.70		6.6		P
Magnesium	11690.00		12020.00	B	2.8		P
Manganese	13220.00		13090.00		1.0		P
Nickel	107.50		115.50	B	7.4		P
Potassium	26940.00		26880.00		0.2		P
Selenium	18.95		22.68	B	19.7		P
Silver	1.93	B	4.50	U	100.0		P
Sodium	3684.00	B	5753.00	B	56.2		P
Thallium	32.60		45.78	B	40.4		P
Vanadium	289.30		294.50		1.8		P
Zinc	959.90		1019.00		6.2		P

USEPA - CLP FORMS

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: _____ Date: 07/01/03

Flame AA ID Number: Lachat Cyanide

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Cyanide			10	10.0	AS

Comments: _____

Form X - IN

USEPA - CLP FORMS

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: _____ Date: 07/01/03

Flame AA ID Number: Leeman Hydra AA

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.70		0.2	0.10	CV

Comments: _____

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 4 Date: 07/01/03

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.215		200	23.6	P
Antimony	206.838		60	4.7	P
Arsenic	189.042		10	4.8	P
Barium	493.409		200	5.9	P
Beryllium	313.042		5	0.2	P
Cadmium	226.502		5	0.6	P
Calcium	317.933		5000	182.1	P
Chromium	267.716		10	1.4	P
Cobalt	228.616		50	2.0	P
Copper	324.754		25	2.4	P
Iron	271.441		100	33.3	P
Lead	220.353		3	1.3	P
Magnesium	279.078		5000	178.3	P
Manganese	257.610		15	0.7	P
Nickel	231.604		40	2.1	P
Potassium	766.491		5000	393.0	P
Selenium	196.026		5	3.4	P
Silver	328.068		10	2.2	P
Sodium	330.232		5000	472.7	P
Thallium	190.864		10	5.7	P
Vanadium	292.402		50	2.0	P
Zinc	213.856		20	1.0	P

Comments: _____

USEPA - CLP FORMS

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 07/01/03

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Manganese	294.920		15	1.9	P

Comments: _____

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 07/01/03

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.215		200	18.3	P
Antimony	206.838		60	3.8	P
Arsenic	189.042		10	2.4	P
Barium	493.409		200	7.3	P
Beryllium	313.042		5	0.2	P
Cadmium	226.502		5	0.3	P
Calcium	317.933		5000	223.2	P
Chromium	267.716		10	0.6	P
Cobalt	228.616		50	1.8	P
Copper	324.754		25	1.4	P
Iron	271.441		100	16.8	P
Lead	220.353		3	1.5	P
Magnesium	279.079		5000	181.7	P
Manganese	257.610		15	0.7	P
Nickel	231.604		40	2.0	P
Potassium	766.491		5000	250.0	P
Selenium	196.026		5	1.7	P
Silver	328.068		10	0.9	P
Sodium	330.232		5000	218.8	P
Thallium	190.864		10	2.8	P
Vanadium	292.402		50	2.2	P
Zinc	206.200		20	5.7	P

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 4 Date: 06/30/03

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ba
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	-0.0000600	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0008950	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000330	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0004320
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0006300	0.0000000	0.0000090	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000200	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	-0.0000220	0.0000000	0.0000000
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000200	0.0000000	-0.0000900	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000490	0.0000000	0.0000000
Zinc	213.86	0.0000250	0.0000000	0.0000630	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 4 Date: 06/30/03

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Cu	Mn	Mo
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0072400
Antimony	206.84	0.0000000	0.0111600	0.0000000	0.0000000	-0.0024800
Arsenic	189.04	0.0000000	0.0004700	0.0000000	0.0000000	0.0013380
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0001150	0.0000000	0.0000000	0.0000000	0.0001350
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	-0.0016380
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.1059800	0.0000000	0.0000000	0.0000000	0.0036200
Lead	220.35	-0.0022600	-0.0001190	0.0000000	0.0000000	-0.0007540
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	-0.0004300	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silicon	288.16	0.0000000	-0.0038600	0.0000000	0.0000000	-0.0042750
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007920
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0032700	0.0002540	0.0000000	-0.008140	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0160000
Zinc	213.86	0.0000000	0.0000000	0.0003300	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 4 Date: 06/30/03

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ni	Sb	Sn	V	Zn
Aluminum	308.22	0.0000000	0.0000000	0.1440400	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0006280	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	-0.000192	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0237000	0.0000000
Lead	220.35	0.0001240	-0.0002280	0.0000000	0.0005020	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0001660	0.0000000	0.0000000	0.0000000
Silicon	288.16	0.0000000	0.0000000	-0.1212200	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.1177000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0025400	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0052400	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 10/02/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000050	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000070	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000290	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000060	0.0000000	0.0000000
Iron	271.44	0.0001300	0.0000000	0.0000000	-0.000400	0.0000000
Lead	220.35	0.0008600	0.0000000	0.0000920	-0.000008	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	294.92	0.0000000	0.0000000	0.0006580	0.0000180	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000260	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Phosphorus	178.29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000100	0.0000000	-0.0001300	-0.000010	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.55	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0000090	0.0000000	-0.0004350	0.0000000	0.0000000
Titanium	334.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	-0.0003250	0.0000000	0.0000000
Zinc	213.85	0.0000000	0.0000000	0.0000800	0.0000390	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 10/02/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	B	Be	Cd	Co
Aluminum	308.22	0.0026340	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0002400	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000840
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000610
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0840960
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	-0.0026440
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	294.92	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0022990
Phosphorus	178.29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.55	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0018110
Titanium	334.94	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002200
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.85	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 10/02/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cr	Cu	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0087280	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	-0.0088830	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0001070
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0000530	-0.0000340	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	294.92	-0.0015990	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0004700	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Phosphorus	178.29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	-0.0000990	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.55	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0002810	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.94	0.0002200	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0020840	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.85	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 10/02/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Si	Tl
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	-0.0001650	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	294.92	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0005120
Phosphorus	178.29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000650
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Strontium	421.55	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.85	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 10/02/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.22	-0.0084630	0.0000000			
Antimony	206.84	-0.0060220	0.0000000			
Arsenic	189.04	0.0000000	0.0000000			
Barium	493.41	0.0000000	0.0000000			
Beryllium	313.04	0.0009440	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.93	0.0000000	0.0000000			
Chromium	267.72	-0.0001950	0.0000000			
Cobalt	228.61	0.0000000	0.0000000			
Copper	324.75	0.0000000	0.0000000			
Iron	271.44	0.0124990	0.0000000			
Lead	220.35	0.0000000	0.0000000			
Magnesium	279.08	0.0000000	0.0000000			
Manganese	294.92	0.0078880	0.0000000			
Molybdenum	202.03	-0.0000010	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Phosphorus	178.29	0.0000000	0.0000000			
Potassium	766.49	0.0000000	0.0000000			
Selenium	196.03	0.0000920	0.0000000			
Silver	328.07	0.0000910	0.0000000			
Sodium	330.23	0.0000000	0.0593250			
Strontium	421.55	0.0000000	0.0000000			
Thallium	190.86	-0.0011100	0.0000000			
Titanium	334.94	0.0000000	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	213.85	-0.0000350	0.0000000			

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 10/01/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.215	0.0000000	0.0000000	-0.0002180	0.0000000	0.0000000
Antimony	206.838	0.0000080	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000170	0.0000000	-0.0000590	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	-0.0000740	0.0000000	0.0000000
Cadmium	226.502	0.0000010	0.0000000	0.0000590	0.0000000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000100	0.0000000	-0.0000200	0.0000060	0.0000000
Cobalt	228.616	0.0000000	0.0000000	-0.0000400	0.0000000	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0001740	0.0000000	0.0000000	-0.001587	0.0000000
Lead	220.353	-0.0000300	0.0000000	0.0000550	-0.000006	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000200	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	-0.0000520	0.0000000	0.0000000
Phosphorus	178.287	0.0000070	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	-0.0007500	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	0.0000240	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000080	0.0000000	-0.0001100	0.0000000	0.0000000
Tin	189.989	0.0000090	0.0000000	-0.0000750	0.0000000	0.0000000
Titanium	334.941	0.0000000	0.0000000	0.0000000	0.0000140	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000030	0.0000040	0.0000000
Zinc	206.200	0.0000300	0.0000000	-0.0000600	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 10/01/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	B	Be	Cd	Co
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	0.0000000	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	0.0000000	0.0000000	0.0000000	-0.0082960
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	0.0000000	0.0000000	0.0000000	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	-0.0001900
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	0.0002350
Tin	189.989	0.0000000	0.0000000	-0.0004370	0.0000000	0.0000000
Titanium	334.941	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.200	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 10/01/02

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	0.0078510	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	-0.0002840	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	-0.0001750
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	0.0008900	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000800
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	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Phosphorus	178.287	-0.0007400	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	-0.0004500	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	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.200	0.0044570	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 10/01/02

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Pb	Sb	Se	Si	Tl
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	0.0000000	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	0.0000000	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	0.0000000	0.0000000	0.0000000	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	-0.0003500	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	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.200	0.0003900	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

USEPA - CLP FORMS

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 10/01/02

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.215	0.0173200	0.0000000			
Antimony	206.838	-0.0012700	0.0000000			
Arsenic	189.042	-0.0002800	0.0000000			
Barium	493.409	0.0000000	0.0000000			
Beryllium	313.042	0.0004800	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	-0.0003600	0.0000000			
Cobalt	228.616	0.0000000	0.0000000			
Copper	324.754	0.0000000	0.0000000			
Iron	271.441	0.0081200	0.0000000			
Lead	220.353	-0.0000850	0.0000000			
Magnesium	279.079	0.0000000	0.0000000			
Manganese	257.610	0.0000000	0.0000000			
Molybdenum	202.030	0.0000000	0.0000000			
Nickel	231.604	0.0000000	0.0000000			
Phosphorus	178.287	0.0000000	0.0164830			
Potassium	766.491	0.0000000	0.0000000			
Selenium	196.026	0.0000000	0.0000000			
Silver	328.068	-0.0003350	0.0000000			
Sodium	330.232	-0.1479730	0.6581000			
Strontium	421.552	0.0000000	0.0000000			
Thallium	190.864	0.0014900	0.0000000			
Tin	189.989	0.0000000	0.0000000			
Titanium	334.941	0.0000000	0.0000000			
Vanadium	292.402	0.0000000	0.0000000			
Zinc	206.200	-0.0004730	0.0000000			

Comments:

USEPA - CLP FORMS

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

ICP ID Number: TJA ICAP 4 Date: 07/01/03

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10.00	1000000.0	P
Antimony	10.00	100000.0	P
Arsenic	10.00	5000.0	P
Barium	10.00	10000.0	P
Beryllium	10.00	5000.0	P
Cadmium	10.00	5000.0	P
Calcium	10.00	600000.0	P
Chromium	10.00	100000.0	P
Cobalt	10.00	100000.0	P
Copper	10.00	10000.0	P
Iron	10.00	1000000.0	P
Lead	10.00	10000.0	P
Magnesium	10.00	500000.0	P
Manganese	10.00	10000.0	P
Nickel	10.00	10000.0	P
Potassium	10.00	100000.0	P
Selenium	10.00	5000.0	P
Silver	10.00	2000.0	P
Sodium	10.00	100000.0	P
Thallium	10.00	5000.0	P
Vanadium	10.00	100000.0	P
Zinc	10.00	5000.0	P

Comments:

USEPA - CLP FORMS

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

ICP ID Number: TJA ICAP 5 Date: 07/01/03

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Manganese	10.00	100000.0	P

Comments:

USEPA - CLP FORMS

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

ICP ID Number: TJA ICAP 6 Date: 07/01/03

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10.00	1000000.0	P
Antimony	10.00	100000.0	P
Arsenic	10.00	5000.0	P
Barium	10.00	10000.0	P
Beryllium	10.00	5000.0	P
Cadmium	10.00	5000.0	P
Calcium	10.00	600000.0	P
Chromium	10.00	100000.0	P
Cobalt	10.00	100000.0	P
Copper	10.00	100000.0	P
Iron	10.00	1000000.0	P
Lead	10.00	50000.0	P
Magnesium	10.00	600000.0	P
Manganese	10.00	10000.0	P
Nickel	10.00	50000.0	P
Potassium	10.00	100000.0	P
Selenium	10.00	5000.0	P
Silver	10.00	2000.0	P
Sodium	10.00	100000.0	P
Thallium	10.00	5000.0	P
Vanadium	10.00	100000.0	P
Zinc	10.00	10000.0	P

Comments: _____

13

PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Method: AS

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
ICV	08/01/03	50.0	50.0
IDOLWPSSS030.5	08/01/03	1.00	50.0
IDOLWPSSS210.5	08/01/03	1.06	50.0
IDOLWPSUS023.5	08/01/03	1.26	50.0
LCS0801B	08/01/03	1.00	50.0
LCSD0801B	08/01/03	1.00	50.0
PBS0801B	08/01/03	1.01	50.0

USEPA - CLP FORMS

13

PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Method: AS

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
ICV	08/02/03	50.0	50.0
IDOLBKSSS080.5	08/02/03	1.06	50.0
IDOLBKSSS080.5D	08/02/03	1.05	50.0
IDOLBKSSS080.5S	08/02/03	1.03	50.0
IDOLTASSS100.5	08/02/03	1.14	50.0
IDOLTASSS110.5	08/02/03	1.05	50.0
IDOLTASSS190.3	08/02/03	1.02	50.0
IDOLTASSS200.5	08/02/03	1.01	50.0
IDOLTASSS230.5	08/02/03	1.03	50.0
IDOLTASUS201.0	08/02/03	1.08	50.0
IDOLWPSSS010.5	08/02/03	1.03	50.0
IDOLWPSSS020.5	08/02/03	1.02	50.0
IDOLWPSSS090.5	08/02/03	1.09	50.0
IDOLWPSSS170.5	08/02/03	1.05	50.0
IDOLWPSUS033.5	08/02/03	1.00	50.0
IDOLWPSUS041.0	08/02/03	1.07	50.0
IDOLWPSUS18100	08/02/03	1.07	50.0
IDOLWPSUS185.5	08/02/03	1.02	50.0
LCSD0802B	08/02/03	1.00	50.0
PBS0802B	08/02/03	1.07	50.0

13

PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
IDOLTASSS230.5	08/13/03	0.66	100.0
IDOLWPSSS020.5	08/13/03	0.62	100.0
IDOLWPSSS030.5	08/13/03	0.63	100.0
IDOLWPSSS210.5	08/13/03	0.63	100.0
IDOLWPSUS023.5	08/13/03	0.63	100.0
LCSDS0813A	08/13/03	1.00	100.0
LCSS0813A	08/13/03	1.00	100.0
PBS0813A	08/13/03	0.60	100.0

13

PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
IDOLBKSSS080.5	08/14/03	0.62	100.0
IDOLBKSSS080.5D	08/14/03	0.64	100.0
IDOLBKSSS080.5S	08/14/03	0.63	100.0
IDOLTASSS100.5	08/14/03	0.62	100.0
IDOLTASSS110.5	08/14/03	0.63	100.0
IDOLTASSS190.3	08/14/03	0.65	100.0
IDOLTASSS200.5	08/14/03	0.62	100.0
IDOLTASUS201.0	08/14/03	0.66	100.0
IDOLWPSSS010.5	08/14/03	0.61	100.0
IDOLWPSSS090.5	08/14/03	0.61	100.0
IDOLWPSSS170.5	08/14/03	0.64	100.0
IDOLWPSUS033.5	08/14/03	0.67	100.0
IDOLWPSUS041.0	08/14/03	0.63	100.0
IDOLWPSUS18100	08/14/03	0.61	100.0
IDOLWPSUS185.5	08/14/03	0.64	100.0
LCSS0814E	08/14/03	1.00	100.0
LCSSD0814E	08/14/03	1.00	100.0
PBS0814E	08/14/03	0.60	100.0

13

PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Method: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
IDOLTASSS230.5	08/20/03	1.15	100.0
IDOLWPSSS020.5	08/20/03	1.06	100.0
IDOLWPSSS030.5	08/20/03	1.04	100.0
IDOLWPSSS210.5	08/20/03	1.10	100.0
IDOLWPSUS023.5	08/20/03	1.06	100.0
LCSS0820D	08/20/03	1.00	100.0
PBS0820D	08/20/03	1.00	100.0

13

PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Method: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
IDOLBKSSS080.5	08/22/03	1.00	100.0
IDOLBKSSS080.5D	08/22/03	1.00	100.0
IDOLBKSSS080.5S	08/22/03	1.00	100.0
IDOLTASSS100.5	08/22/03	1.01	100.0
IDOLTASSS110.5	08/22/03	1.08	100.0
IDOLTASSS190.3	08/22/03	1.02	100.0
IDOLTASSS200.5	08/22/03	1.07	100.0
IDOLTASUS201.0	08/22/03	1.03	100.0
IDOLWPSSS010.5	08/22/03	1.04	100.0
IDOLWPSSS090.5	08/22/03	1.12	100.0
IDOLWPSSS170.5	08/22/03	1.08	100.0
IDOLWPSUS033.5	08/22/03	1.16	100.0
IDOLWPSUS041.0	08/22/03	1.13	100.0
IDOLWPSUS18100	08/22/03	1.01	100.0
IDOLWPSUS185.5	08/22/03	1.06	100.0
LCSS0822E	08/22/03	1.00	100.0
PBS0822E	08/22/03	1.00	100.0

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: Lachat Cyanide QC8000 Method: AS

Start Date: 08/01/03 End Date: 08/01/03

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	1707																									X
S10	1.00	1708																									X
S30	1.00	1709																									X
S50	1.00	1710																									X
S100	1.00	1711																									X
S200	1.00	1712																									X
S300	1.00	1713																									X
ICV	1.00	1715																									X
ICB	1.00	1716																									X
LRS	1.00	1717																									X
LRS	1.00	1718																									X
CCV	1.00	1719																									X
CCB	1.00	1720																									X
ZZZZZZ	1.00	1721																									
PBS0801B	1.00	1722																									X
LCS0801B	1.00	1723																									X
LCSD0801B	1.00	1724																									X
ZZZZZZ	1.00	1724																									
ZZZZZZ	1.00	1725																									
ZZZZZZ	1.00	1726																									
ZZZZZZ	1.00	1727																									
ZZZZZZ	1.00	1728																									
ZZZZZZ	1.00	1729																									
CCV	1.00	1730																									X
CCB	1.00	1731																									X
ZZZZZZ	1.00	1732																									
ZZZZZZ	1.00	1733																									
ZZZZZZ	1.00	1734																									
ZZZZZZ	1.00	1735																									
ZZZZZZ	1.00	1736																									
ZZZZZZ	1.00	1737																									
ZZZZZZ	1.00	1738																									
ZZZZZZ	1.00	1739																									
ZZZZZZ	1.00	1740																									
ZZZZZZ	1.00	1741																									
CCV	1.00	1742																									X
CCB	1.00	1743																									X
ZZZZZZ	1.00	1744																									

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Instrument ID Number: Lachat Cyanide QC8000 Method: AS

Start Date: 08/01/03 End Date: 08/01/03

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
IDOLWPSUS023.5	1.00	1745																									X
IDOLWPSSS210.5	1.00	1746																									X
IDOLWPSSS030.5	1.00	1747																									X
CCV	1.00	1748																									X
CCB	1.00	1749																									X

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: Lachat Cyanide QC8000 Method: AS

Start Date: 08/02/03 End Date: 08/02/03

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	1256																									X
S10	1.00	1257																									X
S30	1.00	1258																									X
S50	1.00	1259																									X
S100	1.00	1300																									X
S200	1.00	1301																									X
S300	1.00	1302																									X
ICV	1.00	1304																									X
ICB	1.00	1305																									X
LRS	1.00	1306																									X
LRS	1.00	1307																									X
CCV	1.00	1308																									X
CCB	1.00	1309																									X
PBS0802B	1.00	1310																									X
ZZZZZZ	1.00	1311																									
LCSD0802B	1.00	1312																									X
IDOLWPSSS020.5	1.00	1313																									X
IDOLTASSS230.5	1.00	1314																									X
IDOLWPSSS090.5	1.00	1315																									X
IDOLWPSUS033.5	1.00	1316																									X
IDOLWPSUS041.0	1.00	1317																									X
IDOLTASSS110.5	1.00	1317																									X
IDOLWPSSS010.5	1.00	1318																									X
CCV	1.00	1319																									X
CCB	1.00	1320																									X
IDOLTASSS100.5	1.00	1321																									X
IDOLWPSSS170.5	1.00	1322																									X
IDOLWPSUS185.5	1.00	1323																									X
IDOLBKSSS080.5	1.00	1324																									X
IDOLBKSSS080.5D	1.00	1325																									X
IDOLBKSSS080.5S	1.00	1326																									X
IDOLWPSUS18100	1.00	1327																									X
IDOLTASSS190.3	1.00	1328																									X
IDOLTASSS200.5	1.00	1329																									X
IDOLTASUS201.0	1.00	1330																									X
CCV	1.00	1331																									X
CCB	1.00	1332																									X
ZZZZZZ	1.00	1333																									

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: Lachat Cyanide QC8000 Method: AS

Start Date: 08/02/03 End Date: 08/02/03

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
ZZZZZZ	1.00	1334																									
ZZZZZZ	1.00	1335																									
ZZZZZZ	1.00	1336																									
IDOLBKSSS080.5A	1.00	1337																									X
CCV	1.00	1338																									X
CCB	1.00	1339																									X

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: TJA ICAP 6 Method: P

Start Date: 09/06/03 End Date: 09/06/03

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	1813					X																				
S	1.00	1817																									
S	1.00	1821																									
S	1.00	1824					X																				
LRS	1.00	1829					X																				
LRS	1.00	1833					X																				
LRS	1.00	1837					X																				
ICV	1.00	1841					X																				
ICB	1.00	1846					X																				
ICSA	1.00	1850					X																				
ICSAB	1.00	1854					X																				
CRI	1.00	1858					X																				
CCV	1.00	1902					X																				
CCB	1.00	1906					X																				
ZZZZZZ	1.00	1910																									
ZZZZZZ	1.00	1915																									
ZZZZZZ	1.00	1919																									
ZZZZZZ	1.00	1923																									
ZZZZZZ	1.00	1927																									
ZZZZZZ	5.00	1931																									
ZZZZZZ	1.00	1935																									
ZZZZZZ	1.00	1939																									
ZZZZZZ	1.00	1943																									
ZZZZZZ	1.00	1947																									
CCV	1.00	1951					X																				
CCB	1.00	1955					X																				
ZZZZZZ	1.00	1959																									
ZZZZZZ	5.00	2003																									
ZZZZZZ	1.00	2007																									
ZZZZZZ	1.00	2011																									
ZZZZZZ	1.00	2015																									
ZZZZZZ	1.00	2020																									
ZZZZZZ	1.00	2024																									
ZZZZZZ	1.00	2028																									
ZZZZZZ	1.00	2032																									
ZZZZZZ	1.00	2036																									
CCV	1.00	2040					X																				
CCB	1.00	2044					X																				

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Instrument ID Number: TJA ICAP 6 Method: P

Start Date: 09/06/03 End Date: 09/06/03

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
ZZZZZZ	1.00	2048																									
ZZZZZZ	1.00	2052																									
ZZZZZZ	1.00	2056																									
ZZZZZZ	1.00	2100																									
ZZZZZZ	1.00	2104																									
ZZZZZZ	1.00	2108																									
ZZZZZZ	1.00	2112																									
ZZZZZZ	1.00	2116																									
ZZZZZZ	1.00	2121																									
ZZZZZZ	1.00	2125																									
CCV	1.00	2129					X																				
CCB	1.00	2133					X																				
ZZZZZZ	1.00	2137																									
ZZZZZZ	5.00	2141																									
ZZZZZZ	1.00	2145																									
ZZZZZZ	1.00	2149																									
ZZZZZZ	1.00	2153																									
ZZZZZZ	1.00	2157																									
ZZZZZZ	1.00	2201																									
ZZZZZZ	1.00	2205																									
IDOLTASUS201.0	1.00	2209					X																				
CCV	1.00	2213					X																				
CCB	1.00	2218					X																				
ICSA	1.00	2222					X																				
ICSAB	1.00	2226					X																				
CRI	1.00	2230					X																				
CCV	1.00	2234					X																				
CCB	1.00	2238					X																				

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: TJA ICAP 4 Method: P

Start Date: 09/18/03 End Date: 09/18/03

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	1304		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.00	1309		X						X				X		X				X			X				
S	1.00	1313			X	X									X						X			X			
S	1.00	1316					X	X	X		X	X	X				X		X			X			X	X	
LRS	1.00	1321		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LRS	1.00	1326		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LRS	1.00	1331		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	1335		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	1340		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	1345		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1350		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1354		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1359		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1404		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1408																									
ZZZZZZ	1.00	1413																									
ZZZZZZ	1.00	1418																									
ZZZZZZ	1.00	1423																									
ZZZZZZ	1.00	1428																									
ZZZZZZ	1.00	1433																									
ZZZZZZ	5.00	1437																									
ZZZZZZ	1.00	1442																									
ZZZZZZ	1.00	1446																									
ZZZZZZ	1.00	1451																									
CCV	1.00	1456		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1501		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1505																									
ZZZZZZ	1.00	1510																									
ZZZZZZ	1.00	1515																									
PBS0820D	1.00	1520		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LCSS0820D	1.00	1525		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLWPSUS023.5	10.00	1529															X									X	
IDOLWPSUS023.5	1.00	1534		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X		
IDOLWPSSS210.5	10.00	1539				X											X										
IDOLWPSSS210.5	1.00	1543		X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	
IDOLWPSSS030.5	1.00	1548		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1553		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1557		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: TJA ICAP 4 Method: P

Start Date: 09/18/03 End Date: 09/18/03

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
IDOLWPSSS020.5	10.00	1602					X								X												
IDOLWPSSS020.5	1.00	1607		X	X	X		X	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	
IDOLTASSS230.5	1.00	1611		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	1616		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1621		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1625		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1630		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1635		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: TJA ICAP 6 Method: P

Start Date: 09/18/03 End Date: 09/18/03

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	1348		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.00	1352		X						X				X		X				X			X				
S	1.00	1355			X	X									X						X			X			
S	1.00	1359					X	X	X		X	X	X				X		X			X			X	X	
LRS	1.00	1404		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LRS	1.00	1408		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LRS	1.00	1412		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	1416		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	1420		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	1424		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1429		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1433		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1437		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1441		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PBS0822E	1.00	1445		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LCSS0822E	1.00	1449		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	10.00	1453																									
IDOLWPSSS090.5	1.00	1457		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	10.00	1501																									
IDOLWPSUS033.5	1.00	1505		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLWPSUS041.0	1.00	1509		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLTASSS110.5	1.00	1513		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1518																									
ZZZZZZ	100.00	1522																									
CCV	1.00	1526		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1530		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLWPSSS010.5	10.00	1534				X	X								X								X	X		X	
IDOLWPSSS010.5	1.00	1538		X	X			X	X	X	X	X	X	X		X	X		X	X	X	X			X		
ZZZZZZ	1.00	1542																									
ZZZZZZ	1.00	1546																									
IDOLTASSS100.5	1.00	1550		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLWPSSS170.5	1.00	1554		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLWPSUS185.5	1.00	1558		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLBKSSS080.5	1.00	1602		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	
IDOLBKSSS080.5L	5.00	1606		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	
IDOLBKSSS080.5A	1.00	1610		X	X	X	X	X	X		X	X	X	X	X				X		X	X		X	X	X	
CCV	1.00	1614		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1619		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: TJA ICAP 6 Method: P

Start Date: 09/18/03 End Date: 09/18/03

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
IDOLBKSSS080.5D	1.00	1623		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	
IDOLBKSSS080.5S	1.00	1627		X	X	X	X	X	X		X	X	X	X	X				X		X	X		X	X	X	
IDOLWPSUS18100	1.00	1631		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLTASSS190.3	1.00	1635		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
IDOLTASSS200.5	10.00	1639															X										
IDOLTASSS200.5	1.00	1643		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	
IDOLTASUS201.0	1.00	1647		X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1651		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1655		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	1659		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1704		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1708		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1712		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1716		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Instrument ID Number: TJA ICAP 5 Method: P

Start Date: 09/18/03 End Date: 09/19/03

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	2228															X										
S	1.00	2234																									
S	1.00	2238																									
S	1.00	2242															X										
LRS	1.00	2249															X										
LRS	1.00	2254															X										
LRS	1.00	2300															X										
ICV	1.00	2306															X										
ICB	1.00	2312															X										
ICSA	1.00	2318															X										
ICSAB	1.00	2324															X										
CRI	1.00	2330															X										
CCV	1.00	2336															X										
CCB	1.00	2341															X										
ZZZZZZ	100.00	2347																									
ZZZZZZ	100.00	2353																									
ZZZZZZ	10.00	2359																									
ZZZZZZ	10.00	0005																									
ZZZZZZ	10.00	0010																									
IDOLBKSSS080.5	10.00	0016															X										
IDOLBKSSS080.5L	50.00	0022															X										
IDOLBKSSS080.5A	10.00	0028															X										
IDOLBKSSS080.5D	10.00	0033															X										
IDOLBKSSS080.5S	10.00	0039															X										
CCV	1.00	0045															X										
CCB	1.00	0051															X										
ZZZZZZ	1.00	0057																									
ZZZZZZ	1.00	0102																									
ZZZZZZ	1.00	0108																									
ZZZZZZ	1.00	0114																									
ZZZZZZ	1.00	0120																									
ZZZZZZ	1.00	0125																									
ZZZZZZ	1.00	0131																									
ICSA	1.00	0137															X										
ICSAB	1.00	0143															X										
CRI	1.00	0149															X										
CCV	1.00	0154															X										
CCB	1.00	0200															X										

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: _____ SDG No.: IDS001

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 08/14/03 End Date: 08/14/03

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	1447																X									
S0.2	1.00	1449																X									
S0.5	1.00	1451																X									
S1	1.00	1453																X									
S5	1.00	1454																X									
S10	1.00	1456																X									
ICV	1.00	1458																X									
ICB	1.00	1500																X									
CRA	1.00	1501																X									
CCV	1.00	1503																X									
CCB	1.00	1505																X									
PBS0813A	1.00	1507																X									
LCSS0813A	1.00	1508																X									
LCSDS0813A	1.00	1510																X									
ZZZZZZ	1.00	1512																									
ZZZZZZ	1.00	1514																									
ZZZZZZ	1.00	1516																									
ZZZZZZ	1.00	1518																									
ZZZZZZ	1.00	1519																									
ZZZZZZ	1.00	1521																									
CCV	1.00	1523																X									
CCB	1.00	1525																X									
ZZZZZZ	1.00	1527																									
ZZZZZZ	1.00	1528																									
ZZZZZZ	1.00	1530																									
ZZZZZZ	1.00	1532																									
ZZZZZZ	1.00	1534																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1537																									
ZZZZZZ	1.00	1539																									
IDOLWPSUS023.5	1.00	1541																X									
CCV	1.00	1543																X									
CCB	1.00	1545																X									

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 08/14/03 End Date: 08/14/03

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	1654																X									
S0.2	1.00	1656																X									
S0.5	1.00	1658																X									
S1	1.00	1700																X									
S5	1.00	1701																X									
S10	1.00	1703																X									
ICV	1.00	1705																X									
ICB	1.00	1707																X									
CRA	1.00	1709																X									
CCV	1.00	1710																X									
CCB	1.00	1712																X									
IDOLWPSSS210.5	2.00	1714																X									
IDOLWPSSS030.5	1.00	1716																X									
IDOLWPSSS020.5	5.00	1718																X									
IDOLTASSS230.5	1.00	1719																X									
ZZZZZZ	1.00	1721																									
ZZZZZZ	1.00	1723																									
ZZZZZZ	1.00	1725																									
ZZZZZZ	1.00	1727																									
ZZZZZZ	1.00	1728																									
CCV	1.00	1730																X									
CCB	1.00	1732																X									

USEPA - CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 23046

Lab Code: STLVT Case No.: 23046 SAS No.: SDG No.: IDS001

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 08/14/03 End Date: 08/15/03

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	2326																X									
S0.2	1.00	2328																X									
S0.5	1.00	2329																X									
S1	1.00	2331																X									
S5	1.00	2333																X									
S10	1.00	2335																X									
ICV	1.00	2337																X									
ICB	1.00	2338																X									
CRA	1.00	2340																X									
CCV	1.00	2342																X									
CCB	1.00	2344																X									
PBS0814E	1.00	2346																X									
LCSS0814E	1.00	2348																X									
LCSSD0814E	1.00	2350																X									
ZZZZZZ	1.00	2351																									
IDOLWPSSS090.5	1.00	2353																X									
IDOLWPSUS033.5	1.00	2355																X									
IDOLWPSUS041.0	10.00	2357																X									
IDOLTASSS110.5	1.00	2359																X									
IDOLWPSSS010.5	100.00	0001																X									
CCV	1.00	0003																X									
CCB	1.00	0005																X									
IDOLTASSS100.5	1.00	0007																X									
IDOLWPSSS170.5	1.00	0009																X									
IDOLWPSUS185.5	1.00	0010																X									
IDOLBKSSS080.5	1.00	0012																X									
IDOLBKSSS080.5S	1.00	0014																X									
IDOLBKSSS080.5D	1.00	0016																X									
IDOLWPSUS18100	1.00	0018																X									
IDOLTASSS190.3	1.00	0019																X									
IDOLTASSS200.5	1.00	0021																X									
CCV	1.00	0023																X									
CCB	1.00	0025																X									
IDOLTASUS201.0	1.00	0027																X									
CCV	1.00	0029																X									
CCB	1.00	0030																X									