analytics environmental laboratory LLC

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Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: B-6 0-4'

SAMPLE DATA

Lab Sample ID: 53976-3
Matrix: Solid
Percent Solid: 85
Dilution Factor: 50
Collection Date: 04/28/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/02/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	50	U	1,3-Dichloropropane	50	U
Bromobenzene	50	U	cis-1,3-Dichloropropene	50	U
Bromochloromethane	50	U	trans-1,3-Dichloropropene	50	U
Bromodichloromethane	37	U	2,2-Dichloropropane	50	U
Bromoform	37	U	1,1-Dichloropropene	50	U
Bromomethane	50	U	Ethylbenzene	50	U
n-butylbenzene	50	U	Hexachlorobutadiene	50	U
sec-butylbenzene	50	U	Isopropylbenzene	50	U
tert-butylbenzene	50	U	p-isopropyltoluene	50	U
Carbon Tetrachloride	50	U	Methylene Chloride	250	U
Chlorobenzene	50	U	Methyl-tert-butyl ether (MTBE)	50	U
Chloroethane	50	U	Naphthalene	50	U
Chloroform	37	U	n-Propylbenzene	50	U
Chloromethane	50	U	Styrene	50	U
2-Chlorotoluene	50	U	1,1,1,2-Tetrachloroethane	50	U
4-Chlorotoluene	50	U	1,1,2,2-Tetrachloroethane	37	U
Dibromochloromethane	37	U	Tetrachloroethene	50	U
1,2-Dibromo-3-chloropropane	50	U	Toluene	50	U
1,2-Dibromoethane	37	U	1,2,3-Trichlorobenzene	50	U
Dibromomethane	50	U	1,2,4-Trichlorobenzene	50	U
1,2-Dichlorobenzene	50	U	1,1,1-Trichloroethane	50	U
1,3-Dichlorobenzene	50	U	1,1,2-Trichloroethane	37	U
1,4-Dichlorobenzene	50	U	Trichloroethene	50	U
Dichlorodifluoromethane	50	U	Trichlorofluoromethane	50	U
1,1-Dichloroethane	50	U	1,2,3-Trichloropropane	50	U
1,2-Dichloroethane	37	U	1,2,4-Trimethylbenzene	50	U
1,1-Dichloroethene	37	U	1,3,5-Trimethylbenzene	50	U
cis-1,2-Dichloroethene	50	U	Vinyl Chloride	50	U
trans-1,2-Dichloroethene	50	U	o-Xylene	50	U
1,2-Dichloropropane	37	U	m,p-Xylene	50	U
Acetone	499	U	Diethyl ether	50	U
Carbon Disulfide	50	U	2-Hexanone	499	U
Tetrahydrofuran	250	U	Methyl isobutyl ketone	499	U
Methyl ethyl ketone	499	U	Di-isopropyl ether (DIPE)	50	U
t-Butyl alcohol (TBA)	999	U	Ethyl t-butyl ether (ETBE)	50	U
t-Amyl methyl ether (TAME)	50	U			

Surrogate Standard Recovery

Dibromofluoromethane	75	%	d4-1,2-Dichloroethane	73	%	d8-Toluene	75	% Bromofluorobenzene	73 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio.

Authorized signature

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Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: SS-1

SAMPLE DATA

Lab Sample ID: 53976-5
Matrix: Solid
Percent Solid: 76
Dilution Factor: 47
Collection Date: 04/28/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/03/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	47	U	1,3-Dichloropropane	47	U
Bromobenzene	47	U	cis-1,3-Dichloropropene	47	U
Bromochloromethane	47	U	trans-1,3-Dichloropropene	47	U
Bromodichloromethane	36	U	2,2-Dichloropropane	47	U
Bromoform	36	U	1,1-Dichloropropene	47	U
Bromomethane	47	U	Ethylbenzene	47	U
n-butylbenzene	47	U	Hexachlorobutadiene	47	U
sec-butylbenzene	47	U	Isopropylbenzene	47	U
tert-butylbenzene	47	U	p-isopropyltoluene	47	U
Carbon Tetrachloride	47	U	Methylene Chloride	237	U
Chlorobenzene	47	U	Methyl-tert-butyl ether (MTBE)	47	U
Chloroethane	47	U	Naphthalene	47	U
Chloroform	36	U	n-Propylbenzene	47	U
Chloromethane	47	U	Styrene	47	U
2-Chlorotoluene	47	U	1,1,1,2-Tetrachloroethane	47	U
4-Chlorotoluene	47	U	1,1,2,2-Tetrachloroethane	36	U
Dibromochloromethane	36	U	Tetrachloroethene	47	60
1,2-Dibromo-3-chloropropane	47	U	Toluene	47	U
1,2-Dibromoethane	36	U	1,2,3-Trichlorobenzene	47	U
Dibromomethane	47	U	1,2,4-Trichlorobenzene	47	U
1,2-Dichlorobenzene	47	U	1,1,1-Trichloroethane	47	U
1,3-Dichlorobenzene	47	U	1,1,2-Trichloroethane	36	U
1,4-Dichlorobenzene	47	U	Trichloroethene	47	U
Dichlorodifluoromethane	47	U	Trichlorofluoromethane	47	U
1,1-Dichloroethane	47	U	1,2,3-Trichloropropane	47	U
1,2-Dichloroethane	36	U	1,2,4-Trimethylbenzene	47	U
1,1-Dichloroethene	36	U	1,3,5-Trimethylbenzene	47	U
cis-1,2-Dichloroethene	47	U	Vinyl Chloride	47	U
trans-1,2-Dichloroethene	47	U	o-Xylene	47	U
1,2-Dichloropropane	36	U	m,p-Xylene	47	U
Acetone	474	U	Diethyl ether	47	U
Carbon Disulfide	47	U	2-Hexanone	474	U
Tetrahydrofuran	237	U	Methyl isobutyl ketone	474	U
Methyl ethyl ketone	474	U	Di-isopropyl ether (DIPE)	47	U
t-Butyl alcohol (TBA)	947	U	Ethyl t-butyl ether (ETBE)	47	U
t-Amyl methyl ether (TAME)	47	U			

Surrogate Standard Recovery

Dibromofluoromethane	61 * %	d4-1,2-Dichloroethane	59 * %	d8-Toluene	55 * %	Bromofluorobenzene	47 * %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio. *Surrogate recoveries outside laboratory control limits. Sample was reanalyzed with similar results.

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Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: B-5

SAMPLE DATA

Lab Sample ID: 53976-10
Matrix: Solid
Percent Solid: 84
Dilution Factor: 56
Collection Date: 04/27/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/03/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	56	**32 J**	1,3-Dichloropropane	56	U
Bromobenzene	56	U	cis-1,3-Dichloropropene	56	U
Bromochloromethane	56	U	trans-1,3-Dichloropropene	56	U
Bromodichloromethane	42	U	2,2-Dichloropropane	56	U
Bromoform	42	U	1,1-Dichloropropene	56	U
Bromomethane	56	U	Ethylbenzene	56	**36 J**
n-butylbenzene	56	U	Hexachlorobutadiene	56	U
sec-butylbenzene	56	U	Isopropylbenzene	56	U
tert-butylbenzene	56	U	p-isopropyltoluene	56	U
Carbon Tetrachloride	56	U	Methylene Chloride	278	U
Chlorobenzene	56	U	Methyl-tert-butyl ether (MTBE)	56	U
Chloroethane	56	U	Naphthalene	56	**170**
Chloroform	42	U	n-Propylbenzene	56	U
Chloromethane	56	U	Styrene	56	U
2-Chlorotoluene	56	U	1,1,1,2-Tetrachloroethane	56	U
4-Chlorotoluene	56	U	1,1,2,2-Tetrachloroethane	42	U
Dibromochloromethane	42	U	Tetrachloroethene	56	U
1,2-Dibromo-3-chloropropane	56	U	Toluene	56	**62**
1,2-Dibromoethane	42	U	1,2,3-Trichlorobenzene	56	U
Dibromomethane	56	U	1,2,4-Trichlorobenzene	56	U
1,2-Dichlorobenzene	56	U	1,1,1-Trichloroethane	56	U
1,3-Dichlorobenzene	56	U	1,1,2-Trichloroethane	42	U
1,4-Dichlorobenzene	56	U	Trichloroethene	56	U
Dichlorodifluoromethane	56	U	Trichlorofluoromethane	56	U
1,1-Dichloroethane	56	U	1,2,3-Trichloropropane	56	U
1,2-Dichloroethane	42	U	1,2,4-Trimethylbenzene	56	**68**
1,1-Dichloroethene	42	U	1,3,5-Trimethylbenzene	56	**28 J**
cis-1,2-Dichloroethene	56	U	Vinyl Chloride	56	U
trans-1,2-Dichloroethene	56	U	o-Xylene	56	**60**
1,2-Dichloropropane	42	U	m,p-Xylene	56	**104**
Acetone	556	U	Diethyl ether	56	U
Carbon Disulfide	56	U	2-Hexanone	556	U
Tetrahydrofuran	278	U	Methyl isobutyl ketone	556	U
Methyl ethyl ketone	556	U	Di-isopropyl ether (DIPE)	56	U
t-Butyl alcohol (TBA)	1110	U	Ethyl t-butyl ether (ETBE)	56	U
t-Amyl methyl ether (TAME)	56	U			

Surrogate Standard Recovery

Dibromofluoromethane	58 * %	d4-1,2-Dichloroethane	57 * %	d8-Toluene	47 * %	Bromofluorobenzene	42 * %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio. *Surrogate recoveries outside laboratory control limits. Sample was reanalyzed with similar results.

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Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: SS-A

SAMPLE DATA

Lab Sample ID: 53976-1
Matrix: Solid
Percent Solid: 62
Dilution Factor: 65
Collection Date: 04/26/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/02/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	65	U	1,3-Dichloropropane	65	U
Bromobenzene	65	U	cis-1,3-Dichloropropene	65	U
Bromochloromethane	65	U	trans-1,3-Dichloropropene	65	U
Bromodichloromethane	49	U	2,2-Dichloropropane	65	U
Bromoform	49	U	1,1-Dichloropropene	65	U
Bromomethane	65	U	Ethylbenzene	65	U
n-butylbenzene	65	U	Hexachlorobutadiene	65	U
sec-butylbenzene	65	U	Isopropylbenzene	65	U
tert-butylbenzene	65	U	p-isopropyltoluene	65	U
Carbon Tetrachloride	65	U	Methylene Chloride	327	U
Chlorobenzene	65	U	Methyl-tert-butyl ether (MTBE)	65	U
Chloroethane	65	U	Naphthalene	65	437
Chloroform	49	U	n-Propylbenzene	65	U
Chloromethane	65	U	Styrene	65	U
2-Chlorotoluene	65	U	1,1,1,2-Tetrachloroethane	65	U
4-Chlorotoluene	65	U	1,1,2,2-Tetrachloroethane	49	U
Dibromochloromethane	49	U	Tetrachloroethene	65	U
1,2-Dibromo-3-chloropropane	65	U	Toluene	65	U
1,2-Dibromoethane	49	U	1,2,3-Trichlorobenzene	65	U
Dibromomethane	65	U	1,2,4-Trichlorobenzene	65	U
1,2-Dichlorobenzene	65	U	1,1,1-Trichloroethane	65	U
1,3-Dichlorobenzene	65	U	1,1,2-Trichloroethane	49	U
1,4-Dichlorobenzene	65	U	Trichloroethene	65	U
Dichlorodifluoromethane	65	U	Trichlorofluoromethane	65	U
1,1-Dichloroethane	65	U	1,2,3-Trichloropropane	65	U
1,2-Dichloroethane	49	U	1,2,4-Trimethylbenzene	65	U
1,1-Dichloroethene	49	U	1,3,5-Trimethylbenzene	65	U
cis-1,2-Dichloroethene	65	U	Vinyl Chloride	65	U
trans-1,2-Dichloroethene	65	U	o-Xylene	65	U
1,2-Dichloropropane	49	U	m,p-Xylene	65	U
Acetone	654	U	Diethyl ether	65	U
Carbon Disulfide	65	U	2-Hexanone	654	U
Tetrahydrofuran	327	U	Methyl isobutyl ketone	654	U
Methyl ethyl ketone	654	U	Di-isopropyl ether (DIPE)	65	U
t-Butyl alcohol (TBA)	1310	U	Ethyl t-butyl ether (ETBE)	65	U
t-Amyl methyl ether (TAME)	65	U			

Surrogate Standard Recovery

Dibromofluoromethane	74	%	d4-1,2-Dichloroethane	73	%	d8-Toluene	75	% Bromofluorobenzene	77 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio.

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Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: SS-B

SAMPLE DATA

Lab Sample ID: 53976-2
Matrix: Solid
Percent Solid: 80
Dilution Factor: 59
Collection Date: 04/26/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/03/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	59	U	1,3-Dichloropropane	59	U
Bromobenzene	59	U	cis-1,3-Dichloropropene	59	U
Bromochloromethane	59	U	trans-1,3-Dichloropropene	59	U
Bromodichloromethane	44	U	2,2-Dichloropropane	59	U
Bromoform	44	U	1,1-Dichloropropene	59	U
Bromomethane	59	U	Ethylbenzene	59	U
n-butylbenzene	59	U	Hexachlorobutadiene	59	U
sec-butylbenzene	59	U	Isopropylbenzene	59	U
tert-butylbenzene	59	U	p-isopropyltoluene	59	U
Carbon Tetrachloride	59	U	Methylene Chloride	296	U
Chlorobenzene	59	U	Methyl-tert-butyl ether (MTBE)	59	U
Chloroethane	59	U	Naphthalene	59	**66**
Chloroform	44	U	n-Propylbenzene	59	U
Chloromethane	59	U	Styrene	59	U
2-Chlorotoluene	59	U	1,1,1,2-Tetrachloroethane	59	U
4-Chlorotoluene	59	U	1,1,2,2-Tetrachloroethane	44	U
Dibromochloromethane	44	U	Tetrachloroethene	59	U
1,2-Dibromo-3-chloropropane	59	U	Toluene	59	**50 J**
1,2-Dibromoethane	44	U	1,2,3-Trichlorobenzene	59	U
Dibromomethane	59	U	1,2,4-Trichlorobenzene	59	U
1,2-Dichlorobenzene	59	U	1,1,1-Trichloroethane	59	U
1,3-Dichlorobenzene	59	U	1,1,2-Trichloroethane	44	U
1,4-Dichlorobenzene	59	U	Trichloroethene	59	U
Dichlorodifluoromethane	59	U	Trichlorofluoromethane	59	U
1,1-Dichloroethane	59	U	1,2,3-Trichloropropane	59	U
1,2-Dichloroethane	44	U	1,2,4-Trimethylbenzene	59	**37 J**
1,1-Dichloroethene	44	U	1,3,5-Trimethylbenzene	59	U
cis-1,2-Dichloroethene	59	U	Vinyl Chloride	59	U
trans-1,2-Dichloroethene	59	U	o-Xylene	59	**32 J**
1,2-Dichloropropane	44	U	m,p-Xylene	59	**70**
Acetone	591	U	Diethyl ether	59	U
Carbon Disulfide	59	U	2-Hexanone	591	U
Tetrahydrofuran	296	U	Methyl isobutyl ketone	591	U
Methyl ethyl ketone	591	U	Di-isopropyl ether (DIPE)	59	U
t-Butyl alcohol (TBA)	1180	U	Ethyl t-butyl ether (ETBE)	59	U
t-Amyl methyl ether (TAME)	59	U			

Surrogate Standard Recovery

Dibromofluoromethane	69 * %	d4-1,2-Dichloroethane	65 * %	d8-Toluene	59 * %	Bromofluorobenzene	52 * %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio. *Surrogate recoveries outside laboratory control limits. Sample was reanalyzed with similar results.

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Portland ME 04102

May 4, 2005

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: B-4

Lab Sample ID: 53976-8
Matrix: Solid
Percent Solid: 91
Dilution Factor: 43
Collection Date: 04/27/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/02/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	43	U	1,3-Dichloropropane	43	U
Bromobenzene	43	U	cis-1,3-Dichloropropene	43	U
Bromochloromethane	43	U	trans-1,3-Dichloropropene	43	U
Bromodichloromethane	32	U	2,2-Dichloropropane	43	U
Bromoform	32	U	1,1-Dichloropropene	43	U
Bromomethane	43	U	Ethylbenzene	43	U
n-butylbenzene	43	U	Hexachlorobutadiene	43	U
sec-butylbenzene	43	U	Isopropylbenzene	43	U
tert-butylbenzene	43	U	p-isopropyltoluene	43	U
Carbon Tetrachloride	43	U	Methylene Chloride	213	U
Chlorobenzene	43	U	Methyl-tert-butyl ether (MTBE)	43	U
Chloroethane	43	U	Naphthalene	43	U
Chloroform	32	U	n-Propylbenzene	43	U
Chloromethane	43	U	Styrene	43	U
2-Chlorotoluene	43	U	1,1,1,2-Tetrachloroethane	43	U
4-Chlorotoluene	43	U	1,1,2,2-Tetrachloroethane	32	U
Dibromochloromethane	32	U	Tetrachloroethene	43	U
1,2-Dibromo-3-chloropropane	43	U	Toluene	43	U
1,2-Dibromoethane	32	U	1,2,3-Trichlorobenzene	43	U
Dibromomethane	43	U	1,2,4-Trichlorobenzene	43	U
1,2-Dichlorobenzene	43	U	1,1,1-Trichloroethane	43	U
1,3-Dichlorobenzene	43	U	1,1,2-Trichloroethane	32	U
1,4-Dichlorobenzene	43	U	Trichloroethene	43	U
Dichlorodifluoromethane	43	U	Trichlorofluoromethane	43	25 J
1,1-Dichloroethane	43	U	1,2,3-Trichloropropane	43	U
1,2-Dichloroethane	32	U	1,2,4-Trimethylbenzene	43	U
1,1-Dichloroethene	32	U	1,3,5-Trimethylbenzene	43	U
cis-1,2-Dichloroethene	43	U	Vinyl Chloride	43	U
trans-1,2-Dichloroethene	43	U	o-Xylene	43	U
1,2-Dichloropropane	32	U	m,p-Xylene	43	U
Acetone	425	U	Diethyl ether	43	U
Carbon Disulfide	43	U	2-Hexanone	425	U
Tetrahydrofuran	213	U	Methyl isobutyl ketone	425	U
Methyl ethyl ketone	425	U	Di-isopropyl ether (DIPE)	43	U
t-Butyl alcohol (TBA)	851	U	Ethyl t-butyl ether (ETBE)	43	U
t-Amyl methyl ether (TAME)	43	U			

Surrogate Standard Recovery

Dibromofluoromethane	78	%	d4-1,2-Dichloroethane	76	%	d8-Toluene	76	% Bromofluorobenzene	76 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio.

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Ms. Kate Skinner
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Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	04/28/05	B-10	EPA 8260 Volatile Organics	
	04/28/05	B-10	EPA 8270 Acid/Base Neutrals	
	04/28/05	B-10	TAL Metals	
53976-14	04/28/05	B-9 0-4'	EPA 8082 (PCBs only)	
	04/28/05	B-9 0-4'	EPA 8260 Volatile Organics	
	04/28/05	B-9 0-4'	EPA 8270 Acid/Base Neutrals	
	04/28/05	B-9 0-4'	TAL Metals	
53976-15	04/28/05	SS-4	EPA 8082 (PCBs only)	
	04/28/05	SS-4	EPA 8260 Volatile Organics	
	04/28/05	SS-4	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-4	TAL Metals	
53976-16	04/28/05	SS-5	EPA 8082 (PCBs only)	
	04/28/05	SS-5	EPA 8260 Volatile Organics	
	04/28/05	SS-5	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-5	TAL Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, North Carolina, Virginia, Pennsylvania and is validated by the U.S. Army Corps of Engineers (MRD) and U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/1/2005

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
53976-17	04/28/05	SS-2	EPA 8082 (PCBs only)	
	04/28/05	SS-2	EPA 8260 Volatile Organics	
	04/28/05	SS-2	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-2	TAL Metals	
53976-18	04/28/05	SS-3	EPA 8082 (PCBs only)	
	04/28/05	SS-3	EPA 8260 Volatile Organics	
	04/28/05	SS-3	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-3	TAL Metals	
53976-19	04/28/05	Trip Blank	Electronic Data Deliverable	
	04/28/05	Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

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Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/17/05

analytics environmental laboratory LLC

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Portsmouth, New Hampshire 03801
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800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: SS-C

SAMPLE DATA

Lab Sample ID: 53976-6
Matrix: Solid
Percent Solid: 76
Dilution Factor: 44
Collection Date: 04/26/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/03/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	44	55	1,3-Dichloropropane	44	U
Bromobenzene	44	U	cis-1,3-Dichloropropene	44	U
Bromochloromethane	44	U	trans-1,3-Dichloropropene	44	U
Bromodichloromethane	33	U	2,2-Dichloropropane	44	U
Bromoform	33	U	1,1-Dichloropropene	44	U
Bromomethane	44	U	Ethylbenzene	44	24 J
n-butylbenzene	44	U	Hexachlorobutadiene	44	U
sec-butylbenzene	44	U	Isopropylbenzene	44	U
tert-butylbenzene	44	U	p-isopropyltoluene	44	U
Carbon Tetrachloride	44	U	Methylene Chloride	222	U
Chlorobenzene	44	U	Methyl-tert-butyl ether (MTBE)	44	24 J
Chloroethane	44	U	Naphthalene	44	U
Chloroform	33	U	n-Propylbenzene	44	U
Chloromethane	44	U	Styrene	44	U
2-Chlorotoluene	44	U	1,1,1,2-Tetrachloroethane	44	U
4-Chlorotoluene	44	U	1,1,2,2-Tetrachloroethane	33	U
Dibromochloromethane	33	U	Tetrachloroethene	44	U
1,2-Dibromo-3-chloropropane	44	U	Toluene	44	U
1,2-Dibromoethane	33	U	1,2,3-Trichlorobenzene	44	U
Dibromomethane	44	U	1,2,4-Trichlorobenzene	44	U
1,2-Dichlorobenzene	44	U	1,1,1-Trichloroethane	44	U
1,3-Dichlorobenzene	44	U	1,1,2-Trichloroethane	33	U
1,4-Dichlorobenzene	44	U	Trichloroethene	44	U
Dichlorodifluoromethane	44	U	Trichlorofluoromethane	44	U
1,1-Dichloroethane	44	U	1,2,3-Trichloropropane	44	U
1,2-Dichloroethane	33	U	1,2,4-Trimethylbenzene	44	U
1,1-Dichloroethene	33	U	1,3,5-Trimethylbenzene	44	U
cis-1,2-Dichloroethene	44	U	Vinyl Chloride	44	U
trans-1,2-Dichloroethene	44	U	o-Xylene	44	U
1,2-Dichloropropane	33	U	m,p-Xylene	44	70
Acetone	444	U	Diethyl ether	44	U
Carbon Disulfide	44	U	2-Hexanone	444	U
Tetrahydrofuran	222	U	Methyl isobutyl ketone	444	U
Methyl ethyl ketone	444	U	Di-isopropyl ether (DIPE)	44	U
t-Butyl alcohol (TBA)	889	U	Ethyl t-butyl ether (ETBE)	44	U
t-Amyl methyl ether (TAME)	44	U			

Surrogate Standard Recovery

Dibromofluoromethane	45 * %	d4-1,2-Dichloroethane	45 * %	d8-Toluene	38 * %	Bromofluorobenzene	35 * %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio. *Surrogate recoveries outside laboratory control limits. Sample was reanalyzed with similar results.

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
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800-929-9906
www.analyticslab.com

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	04/28/05	SS-1	TAL Metals	
53976-6	04/26/05	SS-C	EPA 8082 (PCBs only)	
	04/26/05	SS-C	EPA 8260 Volatile Organics	
	04/26/05	SS-C	EPA 8270 Acid/Base Neutrals	
	04/26/05	SS-C	TAL Metals	
53976-7	04/27/05	B-1	EPA 8082 (PCBs only)	
	04/27/05	B-1	EPA 8260 Volatile Organics	
	04/27/05	B-1	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-1	TAL Metals	
53976-8	04/27/05	B-4	EPA 8082 (PCBs only)	
	04/27/05	B-4	EPA 8260 Volatile Organics	
	04/27/05	B-4	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-4	TAL Metals	
53976-9	04/27/05	B-2	EPA 8082 (PCBs only)	
	04/27/05	B-2	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

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If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/17/05

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Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	04/27/05	B-2	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-2	TAL Metals	
53976-10	04/27/05	B-5	EPA 8082 (PCBs only)	
	04/27/05	B-5	EPA 8260 Volatile Organics	
	04/27/05	B-5	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-5	TAL Metals	
53976-11	04/27/05	B-3	EPA 8082 (PCBs only)	
	04/27/05	B-3	EPA 8260 Volatile Organics	
	04/27/05	B-3	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-3	TAL Metals	
53976-12	04/28/05	SS-6	EPA 8082 (PCBs only)	
	04/28/05	SS-6	EPA 8260 Volatile Organics	
	04/28/05	SS-6	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-6	TAL Metals	
53976-13	04/28/05	B-10	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

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If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/17/05

analytics environmental laboratory LLC

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800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: B-6 0-4'

SAMPLE DATA

Lab Sample ID: 53976-3
Matrix: Solid
Percent Solid: 85
Dilution Factor: 50
Collection Date: 04/28/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/02/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	50	U	1,3-Dichloropropane	50	U
Bromobenzene	50	U	cis-1,3-Dichloropropene	50	U
Bromochloromethane	50	U	trans-1,3-Dichloropropene	50	U
Bromodichloromethane	37	U	2,2-Dichloropropane	50	U
Bromoform	37	U	1,1-Dichloropropene	50	U
Bromomethane	50	U	Ethylbenzene	50	U
n-butylbenzene	50	U	Hexachlorobutadiene	50	U
sec-butylbenzene	50	U	Isopropylbenzene	50	U
tert-butylbenzene	50	U	p-isopropyltoluene	50	U
Carbon Tetrachloride	50	U	Methylene Chloride	250	U
Chlorobenzene	50	U	Methyl-tert-butyl ether (MTBE)	50	U
Chloroethane	50	U	Naphthalene	50	U
Chloroform	37	U	n-Propylbenzene	50	U
Chloromethane	50	U	Styrene	50	U
2-Chlorotoluene	50	U	1,1,1,2-Tetrachloroethane	50	U
4-Chlorotoluene	50	U	1,1,2,2-Tetrachloroethane	37	U
Dibromochloromethane	37	U	Tetrachloroethene	50	U
1,2-Dibromo-3-chloropropane	50	U	Toluene	50	U
1,2-Dibromoethane	37	U	1,2,3-Trichlorobenzene	50	U
Dibromomethane	50	U	1,2,4-Trichlorobenzene	50	U
1,2-Dichlorobenzene	50	U	1,1,1-Trichloroethane	50	U
1,3-Dichlorobenzene	50	U	1,1,2-Trichloroethane	37	U
1,4-Dichlorobenzene	50	U	Trichloroethene	50	U
Dichlorodifluoromethane	50	U	Trichlorofluoromethane	50	U
1,1-Dichloroethane	50	U	1,2,3-Trichloropropane	50	U
1,2-Dichloroethane	37	U	1,2,4-Trimethylbenzene	50	U
1,1-Dichloroethene	37	U	1,3,5-Trimethylbenzene	50	U
cis-1,2-Dichloroethene	50	U	Vinyl Chloride	50	U
trans-1,2-Dichloroethene	50	U	o-Xylene	50	U
1,2-Dichloropropane	37	U	m,p-Xylene	50	U
Acetone	499	U	Diethyl ether	50	U
Carbon Disulfide	50	U	2-Hexanone	499	U
Tetrahydrofuran	250	U	Methyl isobutyl ketone	499	U
Methyl ethyl ketone	499	U	Di-isopropyl ether (DIPE)	50	U
t-Butyl alcohol (TBA)	999	U	Ethyl t-butyl ether (ETBE)	50	U
t-Amyl methyl ether (TAME)	50	U			

Surrogate Standard Recovery

Dibromofluoromethane	75	%	d4-1,2-Dichloroethane	73	%	d8-Toluene	75	% Bromofluorobenzene	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio.

Authorized signature

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

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Samples were:
1) Shipped or hand-delivered (circled: hand-delivered)
2) Temp blank °C 5
3) Received in good condition Y or N (Y circled)
4) pH checked by: NA
5) Labels checked by: B 4265

Project#: Proj. Name: E. Perry Brownfields Site
Company: Woodard &Curran
Contact: Ms. Kate Skinner
Address: 41 Hutchins Drive
Portland, ME 04102
Phone: (207)774-2112 PO# Quote #
Sampler (Signature):

Matrix Key: WW=Wastewater, SW=Surfacewater, GW=Groundwater, DW=Drinkingwater, S=Soil/Sludge, O=Oil, F=Extract, X=Other

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number	Container type	pH	Analytics Sample #
B-D 0-4'	4/26/05	1300	8260		X				x		S	2	G		58950-6
B-D 0-4'	↓	1300	SVOC-8270		X						S	1	G		
			~~PCB-8082~~		X						S	1	G		
			~~TAL Metals-6010~~		X						S	1	P		
~~B-D 4-8'~~ (KGS)			~~8260~~		X				x		S	2	G		
			~~SVOC-8270~~		X						S	1	G		
B-D 4-8'	4/26/05	1300	PCB-8082		X						S	1	G		7
B-D 4-8'	↓	1300	TAL Metals-6010		X						S	1	P		

Relinquished By Sampler:	Received By:	Date:	Time:
[signature]	[signature]	4/26/05	1510
Relinquished By:	Received By:	Date:	Time:
Relinquished By:	Received By:	Date:	Time:

FAX RESULTS? YES NO
Fax # 207-774-6635

Turnaround Request
Standard ☐ Due Date
Priority ☐ Due Date

Comments / Instructions:
GIS KEY EDD
Form 1's 1 wk TAT
Final Report 2 weeks
Level II QC

Page____ of____

analytics environmental laboratory LLC

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Portsmouth, New Hampshire 03801
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800-929-9906
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Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
53976-1	04/26/05	SS-A	EPA 8082 (PCBs only)	
	04/26/05	SS-A	EPA 8260 Volatile Organics	
	04/26/05	SS-A	EPA 8270 Acid/Base Neutrals	
	04/26/05	SS-A	TAL Metals	
53976-2	04/26/05	SS-B	EPA 8082 (PCBs only)	
	04/26/05	SS-B	EPA 8260 Volatile Organics	
	04/26/05	SS-B	EPA 8270 Acid/Base Neutrals	
	04/26/05	SS-B	TAL Metals	
53976-3	04/28/05	B-6 0-4'	EPA 8082 (PCBs only)	
	04/28/05	B-6 0-4'	EPA 8260 Volatile Organics	
	04/28/05	B-6 0-4'	TAL Metals	
53976-4	04/28/05	B-6 4-5'	EPA 8270 Acid/Base Neutrals	
53976-5	04/28/05	SS-1	EPA 8082 (PCBs only)	
	04/28/05	SS-1	EPA 8260 Volatile Organics	
	04/28/05	SS-1	EPA 8270 Acid/Base Neutrals	

Sample Receipt Exceptions: None

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If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/17/05

analytics environmental laboratory LLC

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Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 4, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: SS-A

SAMPLE DATA

Lab Sample ID: 53976-1
Matrix: Solid
Percent Solid: 62
Dilution Factor: 65
Collection Date: 04/26/05
Lab Receipt Date: 04/28/05
Analysis Date: 05/02/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	65	U	1,3-Dichloropropane	65	U
Bromobenzene	65	U	cis-1,3-Dichloropropene	65	U
Bromochloromethane	65	U	trans-1,3-Dichloropropene	65	U
Bromodichloromethane	49	U	2,2-Dichloropropane	65	U
Bromoform	49	U	1,1-Dichloropropene	65	U
Bromomethane	65	U	Ethylbenzene	65	U
n-butylbenzene	65	U	Hexachlorobutadiene	65	U
sec-butylbenzene	65	U	Isopropylbenzene	65	U
tert-butylbenzene	65	U	p-isopropyltoluene	65	U
Carbon Tetrachloride	65	U	Methylene Chloride	327	U
Chlorobenzene	65	U	Methyl-tert-butyl ether (MTBE)	65	U
Chloroethane	65	U	Naphthalene	65	437
Chloroform	49	U	n-Propylbenzene	65	U
Chloromethane	65	U	Styrene	65	U
2-Chlorotoluene	65	U	1,1,1,2-Tetrachloroethane	65	U
4-Chlorotoluene	65	U	1,1,2,2-Tetrachloroethane	49	U
Dibromochloromethane	49	U	Tetrachloroethene	65	U
1,2-Dibromo-3-chloropropane	65	U	Toluene	65	U
1,2-Dibromoethane	49	U	1,2,3-Trichlorobenzene	65	U
Dibromomethane	65	U	1,2,4-Trichlorobenzene	65	U
1,2-Dichlorobenzene	65	U	1,1,1-Trichloroethane	65	U
1,3-Dichlorobenzene	65	U	1,1,2-Trichloroethane	49	U
1,4-Dichlorobenzene	65	U	Trichloroethene	65	U
Dichlorodifluoromethane	65	U	Trichlorofluoromethane	65	U
1,1-Dichloroethane	65	U	1,2,3-Trichloropropane	65	U
1,2-Dichloroethane	49	U	1,2,4-Trimethylbenzene	65	U
1,1-Dichloroethene	49	U	1,3,5-Trimethylbenzene	65	U
cis-1,2-Dichloroethene	65	U	Vinyl Chloride	65	U
trans-1,2-Dichloroethene	65	U	o-Xylene	65	U
1,2-Dichloropropane	49	U	m,p-Xylene	65	U
Acetone	654	U	Diethyl ether	65	U
Carbon Disulfide	65	U	2-Hexanone	654	U
Tetrahydrofuran	327	U	Methyl isobutyl ketone	654	U
Methyl ethyl ketone	654	U	Di-isopropyl ether (DIPE)	65	U
t-Butyl alcohol (TBA)	1310	U	Ethyl t-butyl ether (ETBE)	65	U
t-Amyl methyl ether (TAME)	65	U			

Surrogate Standard Recovery

Dibromofluoromethane	74 %	d4-1,2-Dichloroethane	73 %	d8-Toluene	75 %	Bromofluorobenzene	77 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Sample did not meet method acceptance criteria for the 1:1 soil to methanol ratio.

Authorized signature

Chain of Custody Form

0

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered (circled: hand-delivered)
2) Temp blank °C 5
3) Received in good condition Y or N (circled: Y)
4) pH checked by: n/a
5) Labels checked by: [initials] 4-26-05

Project#:
Proj. Name: E. Perry Brownfields Site
Company: Woodard &Curran
Contact: Ms. Kate Skinner
Address: 41 Hutchins Drive
Portland, ME 04102
Phone: (207)774-2112 PO# Quote #
Sampler (Signature):

Matrix Key: WW=Wastewater, SW=Surfacewater, GW=Groundwater, DW=Drinkingwater, S=Soil/Sludge, O=Oil, F=Extract, X=Other

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number	Container type	pH	Analytics Sample #
B-A (0-4)	4/26/05	1355	8260		X				x		S	2	G		53950-1
↓			SVOC-8270		X						S	1	G		
			PCB-8082		X						S	1	G		
			TAL Metals-6010		X						S	1	P		
B-B 0-4	4/26/05	1445	8260 (circled)		X				x		S	2	G		2
↓			SVOC-8270 (circled)		X						S	1	G		
			~~PCB-8082~~		~~X~~						~~S~~	~~1~~	~~G~~		
			TAL Metals-6010 (circled)		X						S	1	P		
B-B 4-8	4/26/05	1445	PCB 8082		X						S	1	G		3

FAX RESULTS? YES NO
Fax # 207-774-6635

Turnaround Request
Standard ☐ Due Date
Priority ☐ Due Date

Comments / Instructions:
GIS KEY EDD
~~Form 1's 1 wk TAT~~
~~Final Report 2 weeks~~ [initials] 4-27-05 per Katie w/c STD TAT
Level II QC
[initials] 4/27/05 per Katie w/c add (0-4) to B-A

Page____ of____

Relinquished By/Sampler:	Received By:	Date:	Time:
[signature]	[signature]	4/26/05	1510
Relinquished By:	Received By:	Date:	Time:
Relinquished By:	Received By:	Date:	Time:

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5
3) Received in good condition (Y) or N
4) pH checked by:
5) Labels checked by: 4-26-05

Project#: Proj. Name: E. Perry Brownfields Site
Company: Woodard &Curran
Contact: Ms. Kate Skinner
Address: 41 Hutchins Drive
Portland, ME 04102
Phone: (207)774-2112 PO# Quote #
Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
E=Extract
X=Other

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
B-E 0-4'	4/26/05	1015	8260		X				x		S	2	G		53950-4
			SVOC-8270		X						S	1	G		
			PCB-8082		X						S	1	G		
			TAL Metals-6010		X						S	1	P		
B-C 0-4'	4/26/05	1145	8260		X				x		S	2	G		5
			SVOC-8270		X						S	1	G		
			PCB-8082		X						S	1	G		
			TAL Metals-6010		X						S	1	P		

Received By: Matt Tinsley — Time: 1510 — Date: 4/26/05
Received By: — Time: — Date:
Received By: — Time: — Date:

Relinquished By Sampler: Heather Summers
Relinquished By:
Relinquished By:

FAX RESULTS? YES NO
Fax # 207-774-6635

Turnaround Request
Standard ☐ Due Date
Priority ☐ Due Date

Comments / Instructions:
GIS KEY EDD
Level II QC
Form 1's 1 wk TAT
Final Report 2 weeks

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	04/28/05	B-10	EPA 8260 Volatile Organics	
	04/28/05	B-10	EPA 8270 Acid/Base Neutrals	
	04/28/05	B-10	TAL Metals	
53976-14	04/28/05	B-9 0-4'	EPA 8082 (PCBs only)	
	04/28/05	B-9 0-4'	EPA 8260 Volatile Organics	
	04/28/05	B-9 0-4'	EPA 8270 Acid/Base Neutrals	
	04/28/05	B-9 0-4'	TAL Metals	
53976-15	04/28/05	SS-4	EPA 8082 (PCBs only)	
	04/28/05	SS-4	EPA 8260 Volatile Organics	
	04/28/05	SS-4	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-4	TAL Metals	
53976-16	04/28/05	SS-5	EPA 8082 (PCBs only)	
	04/28/05	SS-5	EPA 8260 Volatile Organics	
	04/28/05	SS-5	EPA 8270 Acid/Base Neutrals	
	04/28/05	SS-5	TAL Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, North Carolina, Virginia, Pennsylvania and is validated by the U.S. Army Corps of Engineers (MRD) and U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/1/2005

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: TJA ICAP 4 Method: P

Start Date: 04/29/05 End Date: 04/29/05

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	1230												X		X					X	X		X		X		
S	1.00	1236												X		X												
S	1.00	1241																			X			X				
S	1.00	1246																				X				X		
ICV	1.00	1252												X		X					X	X		X		X		
ICB	1.00	1259												X		X					X	X		X		X		
ICSA	1.00	1305												X		X					X	X		X		X		
ICSAB	1.00	1311												X		X					X	X		X		X		
CRI	1.00	1317												X		X					X	X		X		X		
CRILOW	1.00	1324												X		X					X	X		X		X		
CCV	1.00	1330												X		X					X	X		X		X		
CCB	1.00	1336												X		X					X	X		X		X		
PBS0428A	1.00	1342												X		X					X	X		X		X		
LCSS0428A	1.00	1348												X		X					X	X		X		X		
B-A	1.00	1355														X						X		X				
B-AL	5.00	1401														X						X		X				
B-A	10.00	1407												X							X					X		
B-AL	50.00	1413												X							X					X		
B-B(0-4)	1.00	1419														X						X		X				
B-B(0-4)	10.00	1425												X							X					X		
B-E(0-4)	1.00	1431												X		X						X		X		X		
B-C(0-4)	1.00	1437														X						X						
CCV	1.00	1444												X		X					X	X		X		X		
CCB	1.00	1450												X		X					X	X		X		X		
B-C(0-4)	10.00	1456												X							X			X		X		
B-D(4-8)	1.00	1502												X		X						X		X		X		
ZZZZZZ	1.00	1508																										
ZZZZZZ	1.00	1514																										
CCV	1.00	1521												X		X					X	X		X		X		
CCB	1.00	1527												X		X					X	X		X		X		

USEPA-CLP FORMS

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ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: TJA ICAP 4 Method: P

Start Date: 05/05/05 End Date: 05/05/05

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	2023																		X						
S	1.00	2029																								
S	1.00	2034																		X						
S	1.00	2039																								
ICV	1.00	2046																		X						
ICB	1.00	2052																		X						
ICSA	1.00	2058																		X						
ICSAB	1.00	2105																		X						
CRI	1.00	2111																		X						
CCV	1.00	2117																		X						
CCB	1.00	2123																		X						
B-E(0-4)	10.00	2129																		X						
B-D(4-8)	10.00	2136																		X						
CCV	1.00	2142																		X						
CCB	1.00	2148																		X						

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 53976

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 April 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	04/28/05	SS-1	TAL Metals	
53976-6	04/26/05	SS-C	EPA 8082 (PCBs only)	
	04/26/05	SS-C	EPA 8260 Volatile Organics	
	04/26/05	SS-C	EPA 8270 Acid/Base Neutrals	
	04/26/05	SS-C	TAL Metals	
53976-7	04/27/05	B-1	EPA 8082 (PCBs only)	
	04/27/05	B-1	EPA 8260 Volatile Organics	
	04/27/05	B-1	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-1	TAL Metals	
53976-8	04/27/05	B-4	EPA 8082 (PCBs only)	
	04/27/05	B-4	EPA 8260 Volatile Organics	
	04/27/05	B-4	EPA 8270 Acid/Base Neutrals	
	04/27/05	B-4	TAL Metals	
53976-9	04/27/05	B-2	EPA 8082 (PCBs only)	
	04/27/05	B-2	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

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If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/17/05

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 04/28/05 End Date: 04/28/05

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	1214																X								
S0.2	1.00	1216																X								
S0.5	1.00	1218																X								
S1	1.00	1220																X								
S5	1.00	1222																X								
S10	1.00	1224																X								
ICV	1.00	1226																X								
ICB	1.00	1228																X								
CRA	1.00	1230																X								
CCV	1.00	1232																X								
CCB	1.00	1234																X								
ZZZZZZ	1.00	1236																								
ZZZZZZ	1.00	1238																								
ZZZZZZ	1.00	1240																								
B-A	5.00	1242																X								
B-B(0-4)	1.00	1244																X								
B-E(0-4)	5.00	1246																X								
B-C(0-4)	5.00	1248																X								
B-D(4-8)	1.00	1250																X								
CCV	1.00	1252																X								
CCB	1.00	1254																X								

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: TJA ICAP 6 Method: P

Start Date: 04/29/05 End Date: 04/29/05

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	0202		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
S	1.00	0207		X						X										X			X				
S	1.00	0210			X	X									X												
S	1.00	0214					X	X	X		X	X	X				X		X						X		
ICV	1.00	0219		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
ICB	1.00	0223		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
ICSA	1.00	0228		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
ICSAB	1.00	0232		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
CRI	1.00	0236		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
CCV	1.00	0240		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
CCB	1.00	0245		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
PBS0428A	1.00	0249		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
LCSS0428A	1.00	0253		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
ZZZZZZ	1.00	0258																										
ZZZZZZ	1.00	0302																										
ZZZZZZ	1.00	0306																										
ZZZZZZ	1.00	0310																										
ZZZZZZ	1.00	0314																										
ZZZZZZ	1.00	0319																										
ZZZZZZ	1.00	0323																										
ZZZZZZ	1.00	0327																										
CCV	1.00	0331		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
CCB	1.00	0336		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
B-A	1.00	0340		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
B-AL	5.00	0344		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
B-B(0-4)	1.00	0348		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
B-E(0-4)	1.00	0353		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
B-C(0-4)	1.00	0357		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
B-D(4-8)	1.00	0401		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
ZZZZZZ	1.00	0405																										
ZZZZZZ	1.00	0410																										
ZZZZZZ	1.00	0414																										
ZZZZZZ	1.00	0418																										
CCV	1.00	0422		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		
CCB	1.00	0427		X	X	X	X	X	X	X	X	X	X		X		X		X	X			X		X		

Chain Of Custody For...

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: 4.26.05

Project#: Proj. Name: E. Perry Brownfields Site

Company: Woodard &Curran

Contact: Ms. Kate Skinner

Address: 41 Hutchins Drive
Portland, ME 04102

Phone: (207)774-2112 PO# Quote #

Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
E=Extract
X=Other

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
B-D 0-4'	4/26/05	1300	8260		X				x		S	2	G		58950-6
B-D 0-4'	↓	1300	SVOC-8270		X						S	1	G		
			~~PCB-8082~~		X						S	1	G		
			~~TAL Metals-6010~~		X						S	1	P		
~~B-D 4-8'~~ (KEY)			~~8260~~		X				x		S	2	G		
			~~SVOC-8270~~		X						S	1	G		
B-D 4-8'	4/26/05	1300	PCB-8082		X						S	1	G		7
B-D 4-8'	↓	1300	TAL Metals-6010		X						S	1	P		

FAX RESULTS? YES NO

Fax # 207-774-6635

Turnaround Request

Standard ☐ Due Date

Priority ☐ Due Date

Comments / Instructions:

GIS KEY EDD

Level II QC

Form 1's 1 wk TAT
Final Report 2 weeks

Page___ of___

Received By:	Time: 1310	Date: 4/26/05	Relinquished By Sampler:
Received By:	Time:	Date:	Relinquished By:
Received By:	Time:	Date:	Relinquished By:

Analytics\AEL Documents\AEL COC

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 04/28/05 End Date: 04/28/05

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	0937																X								
S0.2	1.00	0939																X								
S0.5	1.00	0941																X								
S1	1.00	0943																X								
S5	1.00	0945																X								
S10	1.00	0947																X								
ICV	1.00	0949																X								
ICB	1.00	0951																X								
CRA	1.00	0953																X								
CCV	1.00	0955																X								
CCB	1.00	0957																X								
ZZZZZZ	1.00	0959																								
ZZZZZZ	1.00	1001																								
ZZZZZZ	1.00	1003																								
ZZZZZZ	1.00	1005																								
ZZZZZZ	1.00	1007																								
ZZZZZZ	1.00	1009																								
ZZZZZZ	1.00	1011																								
ZZZZZZ	1.00	1013																								
ZZZZZZ	1.00	1015																								
CCV	1.00	1017																X								
CCB	1.00	1019																X								
ZZZZZZ	1.00	1021																								
ZZZZZZ	1.00	1023																								
ZZZZZZ	1.00	1025																								
ZZZZZZ	1.00	1027																								
ZZZZZZ	1.00	1029																								
ZZZZZZ	1.00	1031																								
ZZZZZZ	1.00	1033																								
ZZZZZZ	1.00	1035																								
ZZZZZZ	1.00	1037																								
CCV	1.00	1039																X								
CCB	1.00	1041																X								
ZZZZZZ	1.00	1043																								
ZZZZZZ	1.00	1045																								
ZZZZZZ	1.00	1048																								
ZZZZZZ	1.00	1050																								
ZZZZZZ	1.00	1052																								

USEPA-CLP FORMS

14

ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 04/28/05 End Date: 04/28/05

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	1054																										
PBS0427D	1.00	1056																X										
LCSS0427D	1.00	1058																X										
ZZZZZZ	1.00	1100																										
CCV	1.00	1102																X										
CCB	1.00	1104																X										

Chain of Custody Form

0

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered (circled: hand-delivered)
2) Temp blank °C 5
3) Received in good condition Y or N (circled: Y)
4) pH checked by: n/a
5) Labels checked by: [initials] 4-26-05

Project#: Proj. Name: E. Perry Brownfields Site

Company: Woodard &Curran

Contact: Ms. Kate Skinner

Address: 41 Hutchins Drive

Portland, ME 04102

Phone: (207)774-2112 PO# Quote #

Sampler (Signature):

Matrix Key: WW=Wastewater, SW=Surfacewater, GW=Groundwater, DW=Drinkingwater, S=Soil/Sludge, O=Oil, F=Extract, X=Other

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4o C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number	Container type	pH	Analytics Sample #
B-A (0-4)	4/26/05	1355	8260		X				x		S	2	G		53950-1
↓			SVOC-8270		X						S	1	G		
			PCB-8082		X						S	1	G		
			TAL Metals-6010		X						S	1	P		
B-B 0-4	4/26/05	1445	8260 (circled)		X				x		S	2	G		2
↓			SVOC-8270 (circled)		X						S	1	G		
			~~PCB-8082~~		~~X~~						~~S~~	~~1~~	~~G~~		
			TAL Metals-6010 (circled)		X						S	1	P		
B-B 4-8	4/26/05	1445	PCB 8082		X						S	1	G		3

Relinquished By/Sampler:	Date:	Time:	Received By:
[signature] Skinner	4/26/05	1510	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

FAX RESULTS? YES NO

Fax # 207-774-6635

Turnaround Request

Standard ☐ Due Date

Priority ☐ Due Date

Comments / Instructions:

GIS KEY EDD

~~Form 1's 1 wk TAT~~
~~Final Report 2 weeks~~ [initials] 4-27-05 Per Katie w/c STD TAT

Level II QC

[initials] 4/27/05 per Katie w/c add (0-4) to B-A

Page____ of____

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PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
B-A	04/27/05	0.33	50.0
B-B(0-4)	04/27/05	0.31	50.0
B-C(0-4)	04/27/05	0.35	50.0
B-D(4-8)	04/27/05	0.39	50.0
B-E(0-4)	04/27/05	0.33	50.0
LCSS0427D	04/27/05	0.50	50.0
PBS0427D	04/27/05	0.30	50.0

USEPA-CLP FORMS

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PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

Method: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
B-A	04/28/05	1.22	100.0
B-B(0-4)	04/28/05	1.06	100.0
B-C(0-4)	04/28/05	1.18	100.0
B-D(4-8)	04/28/05	1.20	100.0
B-E(0-4)	04/28/05	1.21	100.0
LCSS0428A	04/28/05	1.00	100.0
PBS0428A	04/28/05	1.00	100.0

USEPA-CLP FORMS

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ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: TJA ICAP 4 Method: P

Start Date: 04/29/05 End Date: 04/29/05

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			
SO	1.00	1230												X		X					X	X		X		X				
S	1.00	1236												X		X														
S	1.00	1241																			X			X						
S	1.00	1246																				X				X				
ICV	1.00	1252												X		X					X	X		X		X				
ICB	1.00	1259												X		X					X	X		X		X				
ICSA	1.00	1305												X		X					X	X		X		X				
ICSAB	1.00	1311												X		X					X	X		X		X				
CRI	1.00	1317												X		X					X	X		X		X				
CRILOW	1.00	1324												X		X					X	X		X		X				
CCV	1.00	1330												X		X					X	X		X		X				
CCB	1.00	1336												X		X					X	X		X		X				
PBS0428A	1.00	1342												X		X					X	X		X		X				
LCSS0428A	1.00	1348												X		X					X	X		X		X				
B-A	1.00	1355														X						X		X						
B-AL	5.00	1401														X						X		X						
B-A	10.00	1407												X							X					X				
B-AL	50.00	1413												X							X					X				
B-B(0-4)	1.00	1419														X						X		X						
B-B(0-4)	10.00	1425												X							X					X				
B-E(0-4)	1.00	1431												X		X						X		X		X				
B-C(0-4)	1.00	1437														X						X								
CCV	1.00	1444												X		X					X	X		X		X				
CCB	1.00	1450												X		X					X	X		X		X				
B-C(0-4)	10.00	1456												X							X			X		X				
B-D(4-8)	1.00	1502												X		X						X		X		X				
ZZZZZZ	1.00	1508																												
ZZZZZZ	1.00	1514																												
CCV	1.00	1521												X		X					X	X		X		X				
CCB	1.00	1527												X		X					X	X		X		X				

USEPA-CLP FORMS

12

ICP LINEAR RANGES (QUARTERLY)

ab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

CP ID Number: TJA ICAP 4 Date: 04/01/05

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Iron	10.00	1000000.0	P
Magnesium	10.00	600000.0	P
Selenium	10.00	5000.0	P
Silver	10.00	2000.0	P
Thallium	10.00	5000.0	P
Zinc	10.00	10000.0	P

Comments:

USEPA-CLP FORMS

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 04/01/05

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	100000.0	P
Beryllium	10.00	5000.0	P
Cadmium	10.00	25000.0	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
Lead	10.00	100000.0	P
Manganese	10.00	50000.0	P
Nickel	10.00	100000.0	P
Potassium	10.00	100000.0	P
Sodium	10.00	100000.0	P
Vanadium	10.00	100000.0	P

Comments:

USEPA-CLP FORMS

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ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 04/28/05 End Date: 04/28/05

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	1214																X								
S0.2	1.00	1216																X								
S0.5	1.00	1218																X								
S1	1.00	1220																X								
S5	1.00	1222																X								
S10	1.00	1224																X								
ICV	1.00	1226																X								
ICB	1.00	1228																X								
CRA	1.00	1230																X								
CCV	1.00	1232																X								
CCB	1.00	1234																X								
ZZZZZZ	1.00	1236																								
ZZZZZZ	1.00	1238																								
ZZZZZZ	1.00	1240																								
B-A	5.00	1242																X								
B-B(0-4)	1.00	1244																X								
B-E(0-4)	5.00	1246																X								
B-C(0-4)	5.00	1248																X								
B-D(4-8)	1.00	1250																X								
CCV	1.00	1252																X								
CCB	1.00	1254																X								

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Si	Sn	Sr	Ti	Tl
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0034000	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	0.0000090	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0002000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001340	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0021600	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0013800	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0008000	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	0.0002400	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.1776000	0.0000000
Strontium	421.552	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0002500	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0004400	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.215	0.0265000	0.0000000			
Antimony	206.838	-0.0002800	0.0000000			
Arsenic	189.042	-0.0002800	0.0000000			
Barium	493.409	0.0000000	0.0000000			
Beryllium	313.042	0.0005800	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	-0.0001800	0.0000000			
Cobalt	228.616	0.0000000	0.0000000			
Copper	324.754	0.0000000	0.0000000			
Iron	271.441	0.0234500	0.0000000			
Lead	220.353	-0.0001140	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	0.0146000			
Potassium	766.491	0.0000000	0.0000000			
Selenium	196.026	0.0000000	0.0000000			
Silver	328.068	-0.0001200	0.0000000			
Sodium	330.232	-0.1508200	0.0582800			
Strontium	421.552	0.0000000	0.0000000			
Thallium	190.864	0.0016200	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	-0.0001200	0.0000000			

Comments:

USEPA-CLP FORMS

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ANALYSIS RUN LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Instrument ID Number: Leeman Hydra AA Method: CV

Start Date: 04/28/05 End Date: 04/28/05

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	0937																X								
S0.2	1.00	0939																X								
S0.5	1.00	0941																X								
S1	1.00	0943																X								
S5	1.00	0945																X								
S10	1.00	0947																X								
ICV	1.00	0949																X								
ICB	1.00	0951																X								
CRA	1.00	0953																X								
CCV	1.00	0955																X								
CCB	1.00	0957																X								
ZZZZZZ	1.00	0959																								
ZZZZZZ	1.00	1001																								
ZZZZZZ	1.00	1003																								
ZZZZZZ	1.00	1005																								
ZZZZZZ	1.00	1007																								
ZZZZZZ	1.00	1009																								
ZZZZZZ	1.00	1011																								
ZZZZZZ	1.00	1013																								
ZZZZZZ	1.00	1015																								
CCV	1.00	1017																X								
CCB	1.00	1019																X								
ZZZZZZ	1.00	1021																								
ZZZZZZ	1.00	1023																								
ZZZZZZ	1.00	1025																								
ZZZZZZ	1.00	1027																								
ZZZZZZ	1.00	1029																								
ZZZZZZ	1.00	1031																								
ZZZZZZ	1.00	1033																								
ZZZZZZ	1.00	1035																								
ZZZZZZ	1.00	1037																								
CCV	1.00	1039																X								
CCB	1.00	1041																X								
ZZZZZZ	1.00	1043																								
ZZZZZZ	1.00	1045																								
ZZZZZZ	1.00	1048																								
ZZZZZZ	1.00	1050																								
ZZZZZZ	1.00	1052																								

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	Mn	Mo	Na
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0011560	0.0000000
Antimony	206.838	-0.0008700	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	-0.0000190	0.0000000	0.0000000	0.0002340	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	0.0009490	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0002600	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0038000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0019000	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	0.0005280	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	0.0002540	0.0000000	0.0014400	0.0015000	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	0.0000860	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	Pb	P	Sb	Se
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	0.0000870	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0001100	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	0.0005700	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	0.0000000	-0.0003200	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	0.0000000	0.0002200	0.0000000	0.0000000	0.0000000

Comments:

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PREPARATION LOG

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
B-A	04/27/05	0.33	50.0
B-B(0-4)	04/27/05	0.31	50.0
B-C(0-4)	04/27/05	0.35	50.0
B-D(4-8)	04/27/05	0.39	50.0
B-E(0-4)	04/27/05	0.33	50.0
LCSS0427D	04/27/05	0.50	50.0
PBS0427D	04/27/05	0.30	50.0

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Ag
Aluminum	308.215	0.0000000	0.0000000	0.0002800	0.0002100	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	0.0000380	0.0000000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000050	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	-0.0000980	0.0000000	0.0001000	0.0000020	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000220	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000530	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	-0.0006800	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	0.0000080	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	-0.0000030	0.0000000	0.0000000
Titanium	334.941	0.0000000	0.0000000	0.0000000	0.0000280	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.200	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

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	0.0480000
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	-0.0015000
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	-0.0002400
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	0.0021000
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	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

ICP LINEAR RANGES (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 04/01/05

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Iron	10.00	1000000.0	P
Magnesium	10.00	600000.0	P
Selenium	10.00	5000.0	P
Silver	10.00	2000.0	P
Thallium	10.00	5000.0	P
Zinc	10.00	10000.0	P

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 12/22/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: Mn	Mo	Ni	Pb	Sb
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	0.0009200	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
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	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0019000	0.0000000	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	0.0000000	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	0.0000000	0.0000000	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	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	-0.0050000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0047000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 12/22/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: Si	Sn	Tl	V	Zn
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0100000	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
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	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0180000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	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	0.0000000	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	0.0000000	0.0000000	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	0.0000000	0.0000000	0.0000000	0.0015000	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	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Si	Sn	Sr	Ti	Tl
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0034000	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	0.0000090	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0002000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001340	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0021600	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0013800	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0008000	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	0.0002400	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.1776000	0.0000000
Strontium	421.552	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0002500	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0004400	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:

I1A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 12/22/04

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	As
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
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	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000690	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	0.0000000	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	0.0000000	0.0000000	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	0.0000000	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	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000340	0.0000000	0.0000750	0.0000000	0.0000000

Comments:

I1A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 12/22/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ba	Be	Co	Cr	Cu
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
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	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0078000	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	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0003000	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	0.0000000	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	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	Mn	Mo	Na
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0011560	0.0000000
Antimony	206.838	-0.0008700	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	-0.0000190	0.0000000	0.0000000	0.0002340	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	0.0009490	0.0000000
Copper	324.754	0.0000000	0.0000000	0.0000000	0.0002600	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0038000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0019000	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	0.0005280	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	0.0002540	0.0000000	0.0014400	0.0015000	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	0.0000860	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 04/01/05

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Iron	271.44		100	37.9	P
Magnesium	279.08		5000	210.2	P
Selenium	196.03		5	4.2	P
Silver	328.07		10	1.8	P
Thallium	190.86		10	6.4	P
Zinc	213.86		20	1.6	P

Comments:

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 04/11/05

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	34.4	P
Antimony	206.838		60	8.3	P
Arsenic	189.042		10	4.5	P
Barium	493.409		200	8.9	P
Beryllium	313.042		5	0.3	P
Cadmium	226.502		5	0.8	P
Calcium	317.933		5000	166.7	P
Chromium	267.716		10	2.5	P
Cobalt	228.616		50	3.7	P
Copper	324.754		25	4.2	P
Lead	220.353		3	2.7	P
Manganese	257.610		15	0.7	P
Nickel	231.604		40	3.5	P
Potassium	766.491		5000	879.8	P
Sodium	330.232		5000	626.6	P
Vanadium	292.402		50	4.3	P

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 6 Date: 01/20/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.215	0.0000000	0.0000000	0.0002800	0.0002100	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	0.0000380	0.0000000	0.0000000
Calcium	317.933	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000050	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	-0.0000980	0.0000000	0.0001000	0.0000020	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000220	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000530	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	-0.0006800	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	0.0000080	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	-0.0000030	0.0000000	0.0000000
Titanium	334.941	0.0000000	0.0000000	0.0000000	0.0000280	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.200	0.0000000	0.0000000	0.0000230	0.0000000	0.0000000

Comments:

9
ICP SERIAL DILUTIONS

SAMPLE NO.

B-AL

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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	58760.00		60580.00		3.1		P
Antimony	541.80		535.90		1.1		P
Arsenic	315.80		335.90		6.4		P
Barium	6331.00		6349.00		0.3		P
Beryllium	2.23	B	2.62	B	17.5		P
Cadmium	253.80		262.40		3.4		P
Calcium	31110.00		32790.00		5.4		P
Chromium	724.20		732.90		1.2		P
Cobalt	151.00		150.30	B	0.5		P
Copper	10200.00		9910.00		2.8		P
Iron	1283000.00		1308000.00		1.9		P
Lead	29100.00		31110.00		6.9		P
Magnesium	30320.00		31325.00		3.3		P
Manganese	7048.00		7294.00		3.5		P
Nickel	824.50		851.40		3.3		P
Potassium	10830.00		10830.00	B	0.0		P
Selenium	42.00	U	210.00	U			P
Silver	5.33	B	9.00	U	100.0		P
Sodium	4128.00	B	3571.00	B	13.5		P
Thallium	56.67		52.05		8.2		P
Vanadium	271.40		264.40		2.6		P
Zinc	42370.00		44900.00		6.0		P

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: Date: 04/01/05

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:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 12/22/04

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Mn	Mo	Ni	Pb	Sb
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	0.0009200	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
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	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0019000	0.0000000	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	0.0000000	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	0.0000000	0.0000000	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	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	-0.0050000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0047000	0.0000000	0.0000000

Comments:

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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	208.4		160.0	240.0	104.2
Antimony				50.0	51.8		40.0	60.0	103.6
Arsenic				24.0	24.8		19.2	28.8	103.3
Barium				200.0	221.5		160.0	240.0	110.8
Beryllium				5.0	5.5		4.0	6.0	110.0
Cadmium				25.0	26.3		20.0	30.0	105.2
Calcium				2000.0	2080.0		1600.0	2400.0	104.0
Chromium				20.0	20.7		16.0	24.0	103.5
Cobalt				50.0	52.0		40.0	60.0	104.0
Copper				25.0	28.1		20.0	30.0	112.4
Iron				100.0	102.4		80.0	120.0	102.4
Lead				22.0	22.5		17.6	26.4	102.3
Magnesium				2000.0	1973.0		1600.0	2400.0	98.6
Manganese				50.0	53.2		40.0	60.0	106.4
Nickel				50.0	50.7		40.0	60.0	101.4
Potassium				2000.0	2008.0		1600.0	2400.0	100.4
Selenium				21.0	20.2		16.8	25.2	96.2
Silver				25.0	26.1		20.0	30.0	104.4
Sodium				2000.0	2004.0		1600.0	2400.0	100.2
Thallium				25.0	24.0		20.0	30.0	96.0
Vanadium				50.0	53.6		40.0	60.0	107.2
Zinc				50.0	50.3		40.0	60.0	100.6

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 12/22/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	As
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
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	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000690	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	0.0000000	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	0.0000000	0.0000000	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	0.0000000	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	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000340	0.0000000	0.0000750	0.0000000	0.0000000

Comments:

USEPA-CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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
Iron	200000	190640	197000	196100.0	102.9			
Magnesium	500000	530580	520600	526700.0	99.3			
Selenium	0	53	-5	44.4	83.8			
Silver	0	217	0	217.1	100.0			
Thallium	0	99	4	104.2	105.3			
Zinc	0	1013	1	1004.0	99.1			

USEPA-CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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
Selenium	0	53	-4	43.1	81.3			

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

ICP ID Number: TJA ICAP 4 Date: 04/01/05

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Iron	271.44		100	37.9	P
Magnesium	279.08		5000	210.2	P
Selenium	196.03		5	4.2	P
Silver	328.07		10	1.8	P
Thallium	190.86		10	6.4	P
Zinc	213.86		20	1.6	P

Comments:

USEPA-CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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
Selenium	4.2	U	4.2	U	4.2	U					P

USEPA-CLP FORMS

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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	517400	491700	496500.0	96.0			
Antimony	0	638	3	649.6	101.8			
Arsenic	0	103	0	105.7	102.6			
Barium	0	536	2	571.1	106.5			
Beryllium	0	522	0	529.8	101.5			
Cadmium	0	973	1	980.1	100.7			
Calcium	500000	482800	463600	474600.0	98.3			
Chromium	0	510	0	507.7	99.5			
Cobalt	0	491	-1	495.5	100.9			
Copper	0	557	4	564.1	101.3			
Lead	0	54	-3	51.2	94.8			
Manganese	0	501	-1	512.5	102.3			
Nickel	0	945	-11	950.2	100.6			
Potassium	0	0	-20	98.2				
Sodium	0	0	-496	-28.8				
Vanadium	0	507	0	510.4	100.7			

9
ICP SERIAL DILUTIONS

SAMPLE NO.

B-AL

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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	58760.00		60580.00		3.1		P
Antimony	541.80		535.90		1.1		P
Arsenic	315.80		335.90		6.4		P
Barium	6331.00		6349.00		0.3		P
Beryllium	2.23	B	2.62	B	17.5		P
Cadmium	253.80		262.40		3.4		P
Calcium	31110.00		32790.00		5.4		P
Chromium	724.20		732.90		1.2		P
Cobalt	151.00		150.30	B	0.5		P
Copper	10200.00		9910.00		2.8		P
Iron	1283000.00		1308000.00		1.9		P
Lead	29100.00		31110.00		6.9		P
Magnesium	30320.00		31325.00		3.3		P
Manganese	7048.00		7294.00		3.5		P
Nickel	824.50		851.40		3.3		P
Potassium	10830.00		10830.00	B	0.0		P
Selenium	42.00	U	210.00	U			P
Silver	5.33	B	9.00	U	100.0		P
Sodium	4128.00	B	3571.00	B	13.5		P
Thallium	56.67		52.05		8.2		P
Vanadium	271.40		264.40		2.6		P
Zinc	42370.00		44900.00		6.0		P

USEPA-CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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	34.4	U	34.4	U	34.4	U	34.4	U	3.440	U	P
Antimony	8.3	U	8.3	U	8.3	U	8.3	U	0.830	U	P
Arsenic	4.5	U	4.5	U	4.5	U	4.5	U	0.450	U	P
Barium	8.9	U	8.9	U	8.9	U	8.9	U	0.890	U	P
Beryllium	0.4	B	0.3	U	0.8	B	0.4	B	0.030	U	P
Cadmium	0.8	U	0.8	U	0.8	U	0.8	U	0.080	U	P
Calcium	166.7	U	166.7	U	166.7	U	166.7	U	16.670	U	P
Chromium	2.5	U	2.5	U	-3.0	B	-3.1	B	0.250	U	P
Cobalt	3.7	U	3.7	U	3.7	U	3.7	U	0.370	U	P
Copper	4.2	U	4.2	U	4.2	U	4.2	U	0.420	U	P
Lead	2.7	U	2.7	U	2.7	U	2.7	U	0.270	U	P
Manganese	0.7	U	0.7	U	0.7	U	0.7	U	0.070	U	P
Nickel	3.5	U	3.5	U	3.5	U	3.5	U	-0.602	B	P
Potassium	879.8	U	879.8	U	879.8	U	879.8	U	87.980	U	P
Sodium	626.6	U	626.6	U	626.6	U	626.6	U	62.660	U	P
Vanadium	4.3	U	4.3	U	4.3	U	4.3	U	0.430	U	P

USEPA-CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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
Iron	37.9	U	37.9	U	61.5	B	37.9	U	3.790	U	P
Magnesium	210.2	U	210.2	U	210.2	U	210.2	U	21.020	U	P
Selenium	4.2	U	4.2	U	4.2	U	4.2	U	0.420	U	P
Silver	1.8	U	1.8	U	-1.8	B	1.8	U	0.180	U	P
Thallium	6.4	U	6.4	U	6.4	U	6.4	U	0.640	U	P
Zinc	1.6	U	1.6	U	1.8	B	1.6	U	0.841	B	P

7

LABORATORY CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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

Aqueous LCS Source: _____

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

USEPA-CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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
Iron	200000	190640	197000	196100.0	102.9			
Magnesium	500000	530580	520600	526700.0	99.3			
Selenium	0	53	-5	44.4	83.8			
Silver	0	217	0	217.1	100.0			
Thallium	0	99	4	104.2	105.3			
Zinc	0	1013	1	1004.0	99.1			

USEPA-CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

AA CRDL Standard Source: Inorganic Ventures

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Selenium				10.0	12.23	122.3		

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

USEPA-CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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
Selenium	4.2	U	4.2	U	4.2	U					P

USEPA-CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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	571.40	142.8		
Antimony				120.0	112.90	94.1		
Arsenic				20.0	20.22	101.1		
Barium				400.0	426.70	106.7		
Beryllium				10.0	10.75	107.5		
Cadmium				10.0	10.14	101.4		
Calcium				10000.0	10410.00	104.1		
Chromium				20.0	17.81	89.0		
Cobalt				100.0	99.03	99.0		
Copper				50.0	51.44	102.9		
Lead				6.0	5.18	86.3		
Manganese				30.0	30.30	101.0		
Nickel				80.0	77.76	97.2		
Potassium				10000.0	10430.00	104.3		
Sodium				10000.0	9583.00	95.8		
Vanadium				100.0	101.80	101.8		

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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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
Iron				200.0	263.70	131.8		
Magnesium				10000.0	10250.00	102.5		
Selenium				10.0	11.46	114.6		
Silver				20.0	19.83	99.2		
Thallium				20.0	22.23	111.2		
Zinc				40.0	41.22	103.0		

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

USEPA-CLP FORMS

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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	34.4	U	34.4	U	34.4	U	34.4	U	3.440	U	P
Antimony	8.3	U	8.3	U	8.3	U	8.3	U	0.830	U	P
Arsenic	4.5	U	4.5	U	4.5	U	4.5	U	0.450	U	P
Barium	8.9	U	8.9	U	8.9	U	8.9	U	0.890	U	P
Beryllium	0.4	B	0.3	U	0.8	B	0.4	B	0.030	U	P
Cadmium	0.8	U	0.8	U	0.8	U	0.8	U	0.080	U	P
Calcium	166.7	U	166.7	U	166.7	U	166.7	U	16.670	U	P
Chromium	2.5	U	2.5	U	-3.0	B	-3.1	B	0.250	U	P
Cobalt	3.7	U	3.7	U	3.7	U	3.7	U	0.370	U	P
Copper	4.2	U	4.2	U	4.2	U	4.2	U	0.420	U	P
Lead	2.7	U	2.7	U	2.7	U	2.7	U	0.270	U	P
Manganese	0.7	U	0.7	U	0.7	U	0.7	U	0.070	U	P
Nickel	3.5	U	3.5	U	3.5	U	3.5	U	-0.602	B	P
Potassium	879.8	U	879.8	U	879.8	U	879.8	U	87.980	U	P
Sodium	626.6	U	626.6	U	626.6	U	626.6	U	62.660	U	P
Vanadium	4.3	U	4.3	U	4.3	U	4.3	U	0.430	U	P

USEPA-CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

AA CRDL Standard Source: Inorganic Ventures

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.15	75.0					

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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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

3

BLANKS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: _____ SDG No.: 53950

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

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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)	
Iron				30200.0	29580.00	97.9			P
Magnesium				30200.0	29410.00	97.4			P
Selenium				100.0	97.24	97.2			P
Silver				100.0	101.50	101.5			P
Thallium				100.0	97.46	97.5			P
Zinc				200.0	198.60	99.3			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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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)	
Selenium	250.0	244.80	97.9	100.0	103.30	103.3	100.20	100.2	P

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

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

AA CRDL Standard Source: Inorganic Ventures

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				400.0	571.40	142.8		
Antimony				120.0	112.90	94.1		
Arsenic				20.0	20.22	101.1		
Barium				400.0	426.70	106.7		
Beryllium				10.0	10.75	107.5		
Cadmium				10.0	10.14	101.4		
Calcium				10000.0	10410.00	104.1		
Chromium				20.0	17.81	89.0		
Cobalt				100.0	99.03	99.0		
Copper				50.0	51.44	102.9		
Lead				6.0	5.18	86.3		
Manganese				30.0	30.30	101.0		
Nickel				80.0	77.76	97.2		
Potassium				10000.0	10430.00	104.3		
Sodium				10000.0	9583.00	95.8		
Vanadium				100.0	101.80	101.8		

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

USEPA-CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Initial Calibration Source: Inorganic Ventures/Fisher

Continuing Calibration Source: SPEX/Fisher

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				30200.0	29810.00	98.7			P
Antimony				300.0	298.70	99.6			P
Arsenic				100.0	99.99	100.0			P
Barium				200.0	199.80	99.9			P
Beryllium				100.0	100.60	100.6			P
Cadmium				100.0	97.40	97.4			P
Calcium				30200.0	29930.00	99.1			P
Chromium				200.0	200.90	100.4			P
Cobalt				200.0	197.10	98.6			P
Copper				200.0	201.70	100.8			P
Lead				400.0	389.50	97.4			P
Manganese				200.0	198.30	99.2			P
Nickel				200.0	196.10	98.0			P
Potassium				30200.0	30420.00	100.7			P
Sodium				30200.0	29380.00	97.3			P
Vanadium				200.0	197.10	98.6			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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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)	
Iron	25500.0	24950.00	97.8	30200.0	29630.00	98.1	29520.00	97.7	P
Magnesium	25000.0	24580.00	98.3	30200.0	29540.00	97.8	28990.00	96.0	P
Selenium	250.0	243.60	97.4	100.0	102.10	102.1	96.29	96.3	P
Silver	500.0	503.90	100.8	100.0	98.56	98.6	99.77	99.8	P
Thallium	250.0	241.10	96.4	100.0	93.23	93.2	93.91	93.9	P
Zinc	500.0	502.40	100.5	200.0	198.30	99.2	199.80	99.9	P

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

USEPA-CLP FORMS

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

AA CRDL Standard Source: Inorganic Ventures

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.15	75.0					

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

USEPA-CLP FORMS

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

Initial Calibration Source: Inorganic Ventures/Fisher

Continuing Calibration Source: SPEX/Fisher

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	2.87	95.7	5.0	5.09	101.8	5.06	101.2	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53950

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	25540.00	98.2	30200.0	29330.00	97.1	30270.00	100.2	P
Antimony	250.0	246.20	98.5	300.0	291.10	97.0	299.10	99.7	P
Arsenic	250.0	250.00	100.0	100.0	98.76	98.8	102.30	102.3	P
Barium	500.0	527.50	105.5	200.0	197.80	98.9	202.00	101.0	P
Beryllium	500.0	512.40	102.5	100.0	98.77	98.8	101.70	101.7	P
Cadmium	500.0	484.70	96.9	100.0	96.62	96.6	98.97	99.0	P
Calcium	25000.0	24540.00	98.2	30200.0	29520.00	97.7	30320.00	100.4	P
Chromium	500.0	489.90	98.0	200.0	198.20	99.1	204.10	102.0	P
Cobalt	500.0	484.00	96.8	200.0	191.80	95.9	200.00	100.0	P
Copper	500.0	502.70	100.5	200.0	199.10	99.6	205.00	102.5	P
Lead	1000.0	977.70	97.8	400.0	385.90	96.5	398.00	99.5	P
Manganese	500.0	495.20	99.0	200.0	194.20	97.1	200.60	100.3	P
Nickel	500.0	479.90	96.0	200.0	194.20	97.1	200.40	100.2	P
Potassium	25000.0	25400.00	101.6	30200.0	30240.00	100.1	30960.00	102.5	P
Sodium	25000.0	23790.00	95.2	30200.0	28980.00	96.0	29550.00	97.8	P
Vanadium	500.0	498.80	99.8	200.0	194.40	97.2	200.30	100.2	P

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

USEPA-CLP FORMS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B-8 0-4'

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53983

Matrix (soil/water): SOIL Lab Sample ID: 618073

Level (low/med): LOW Date Received: 4/30/2005

% Solids: 90.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6410			P
7440-36-0	Antimony	1.7	B		P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	34.8			P
7440-41-7	Beryllium	0.33	B		P
7440-43-9	Cadmium	0.16	B		P
7440-70-2	Calcium	1560			P
7440-47-3	Chromium	15.9			P
7440-48-4	Cobalt	4.8			P
7440-50-8	Copper	39.5			P
7439-89-6	Iron	14600			P
7439-92-1	Lead	120			P
7439-95-4	Magnesium	2410			P
7439-96-5	Manganese	159			P
7439-97-6	Mercury	0.11			CV
7440-02-0	Nickel	12.9			P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	0.35	U		P
7440-22-4	Silver	0.34	U		P
7440-23-5	Sodium	156	B		P
7440-28-0	Thallium	0.78	U		P
7440-62-2	Vanadium	15.4			P
7440-66-6	Zinc	126			P

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: cloudy Artifacts:

Comments:

0134

USEPA-CLP FORMS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-E

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53983

Matrix (soil/water): WATER Lab Sample ID: 618075

Level (low/med): LOW Date Received: 4/30/2005

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	192	B		P
7440-36-0	Antimony	8.3	U		P
7440-38-2	Arsenic	4.5	U		P
7440-39-3	Barium	175	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.80	U		P
7440-70-2	Calcium	52100			P
7440-47-3	Chromium	2.5	U		P
7440-48-4	Cobalt	3.7	U		P
7440-50-8	Copper	4.2	U		P
7439-89-6	Iron	29800			P
7439-92-1	Lead	7.6			P
7439-95-4	Magnesium	10800			P
7439-96-5	Manganese	1320			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	6.8	B		P
7440-09-7	Potassium	17100			P
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	3.7	U		P
7440-23-5	Sodium	134000			P
7440-28-0	Thallium	8.5	U		P
7440-62-2	Vanadium	4.3	U		P
7440-66-6	Zinc	58.9			P

Color Before: colorless Clarity Before: clear Texture:

Color After: colorless Clarity After: clear Artifacts:

Comments:

0035

USEPA-CLP FORMS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
B-8 0-4'

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 53983

Matrix (soil/water): SOIL Lab Sample ID: 618073

Level (low/med): LOW Date Received: 4/30/2005

% Solids: 90.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6410			P
7440-36-0	Antimony	1.7	B		P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	34.8			P
7440-41-7	Beryllium	0.33	B		P
7440-43-9	Cadmium	0.16	B		P
7440-70-2	Calcium	1560			P
7440-47-3	Chromium	15.9			P
7440-48-4	Cobalt	4.8			P
7440-50-8	Copper	39.5			P
7439-89-6	Iron	14600			P
7439-92-1	Lead	120			P
7439-95-4	Magnesium	2410			P
7439-96-5	Manganese	159			P
7439-97-6	Mercury	0.11			CV
7440-02-0	Nickel	12.9			P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	0.35	U		P
7440-22-4	Silver	0.34	U		P
7440-23-5	Sodium	156	B		P
7440-28-0	Thallium	0.78	U		P
7440-62-2	Vanadium	15.4			P
7440-66-6	Zinc	126			P

Color Before: brown Clarity Before: Texture: medium

Color After: yellow Clarity After: cloudy Artifacts:

Comments:

0134

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

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Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5°
3) Received in good condition (Y) or N
4) pH checked by: N/A
5) Labels checked by: 4/29/05

Project#: Proj. Name: E. Perry Brownfields Site

Company: Woodard &Curran

Contact: Ms. Kate Skinner

Address: 41 Hutchins Drive

Portland, ME 04102

Phone: (207)774-2112 PO# Quote #

Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
E=Extract
X=Other

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4o C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
B-8 0-4'	4/29/05	710	8260		X				x		S	2	G		63982-1
↓	↓	↓	SVOC-8270		X						S	1	G		
			PCB-8082		X						S	1	G		
↓	↓	↓	TAL Metals-6010		X						S	1	P		
B-7 0-4'	4/29/05	815	8260		X				x		S	2	G		2
0-4'	↓	↓	SVOC-8270		X						S	1	G		
0-4'			PCB-8082		X						S	1	G		
↓ 4-8	↓	↓	TAL Metals-6010		X						S	1	P		7

FAX RESULTS? YES NO

Fax # 207-774-6635

Turnaround Request

Standard ☐ Due Date

Priority ☐ Due Date

Comments / Instructions:

GIS KEY EDD

~~Form: 1's 1 wk TAT~~ 5.2.05
~~Final Report 2 weeks~~

Level II QC

Page ___ of ___

Relinquished By Sampler:	Date/Time:	Received By:
	4/29/05 1445	Kathryn C. Loden
Relinquished By:	Date/Time:	Received By:
Relinquished By:	Date/Time:	Received By:

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: Proj. Name: E. Perry Brownfields Site

Company: Woodard &Curran

Contact: Ms. Kate Skinner

Address: 41 Hutchins Drive

Portland, ME 04102

Phone: (207)774-2112 PO# Quote #

Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
F=Extract
X=Other

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Samples were:
1) Shipped or hand-delivered (circled: hand-delivered)
2) Temp blank °C 5°
3) Received in good condition Y or N (circled: Y)
4) pH checked by: N/A
5) Labels checked by: B 4-29-05

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number	Container type	pH	Analytics Sample #
B-11 0-4	4/28/05	1550	8260		X				x		S	2	G		53983-3
↓	↓	↓	SVOC-8270		X						S	1	G		
			PCB-8082		X						S	1	G		
			TAL Metals-6010		X						S	1	P		
~~ ~~			~~8260~~		~~X~~				~~x~~		~~S~~	~~2~~	~~G~~		
			~~SVOC-8270~~ B 4-29-05		~~X~~						~~S~~	~~1~~	~~G~~		
			~~PCB-8082~~		~~X~~						~~S~~	~~1~~	~~G~~		
			~~TAL Metals-6010~~		~~X~~						~~S~~	~~1~~	~~P~~		
TRIP Blank															-5

Relinquished By Sampler:	Date:	Time:	Received By:
Kate Skinner	4/29/05	1445	Kathryn C [illegible]

Relinquished By:	Date:	Time:	Received By:

Relinquished By:	Date:	Time:	Received By:

FAX RESULTS? YES NO

Fax # 207-774-6635

Turnaround Request

Standard ☐ Due Date

Priority ☐ Due Date

Comments / Instructions:

GIS KEY EDD

~~Form 1's 1 wk TAT~~
~~Final Report 2 weeks~~ B 4-29-05

Level II QC

Page____ of____

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered (circled)
2) Temp blank °C 5°
3) Received in good condition (Y) or N
4) pH checked by: N/A
5) Labels checked by: [initials] 4/29/05

Project#:
Proj. Name: E. Perry Brownfields Site
Company: Woodard &Curran
Contact: Ms. Kate Skinner
Address: 41 Hutchins Drive
Portland, ME 04102
Phone: (207)774-2112 PO# Quote #
Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
F=Extract
X=Other

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number	Container type	pH	Analytics Sample #
B-8 0-4'	4/29/05	710	8260		X				x		S	2	G		63983-1
↓	↓	↓	SVOC-8270		X						S	1	G		
↓	↓	↓	PCB-8082		X						S	1	G		
↓	↓	↓	TAL Metals-6010		X						S	1	P		
B-7 0-4'	4/29/05	815	8260		X				x		S	2	G		2
0-4'	↓	↓	SVOC-8270		X						S	1	G		
0-4'	↓	↓	PCB-8082		X						S	1	G		
4-8	↓	↓	TAL Metals-6010		X						S	1	P		7

Received By:	Received By:	Received By:
Kathryn C. [signature]		
Time: 1445	Time:	Time:
Date: 4/29/05	Date:	Date:
Relinquished By Sampler: Kate Skinner [signature]	Relinquished By:	Relinquished By:

FAX RESULTS? YES NO
Fax # 207-774-6635

Turnaround Request
Standard ☐ Due Date ____
Priority ☐ Due Date ____

Comments / Instructions:
GIS KEY EDD
~~Form 1's 1 wk TAT~~ 3 4-29-05
~~Final Report 2 weeks~~
Level II QC

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Chain of Custody Form

analytics environmental laboratory LLC

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Project#: Proj. Name: E. Perry Brownfields Site
Company: Woodard &Curran
Contact: Ms. Kate Skinner
Address: 41 Hutchins Drive
Portland, ME 04102
Phone: (207)774-2112 PO# Quote #
Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
F=Extract
X=Other

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered (circled)
2) Temp blank °C 5°
3) Received in good condition Y (circled) or N
4) pH checked by: N/A
5) Labels checked by: mj 4/29/05

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4oC	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number	Container type	pH	Analytics Sample #
MW - E	4/29/05	1400	8260		X			X			GW	4	G		52983-4
↓	↓	↓	SVOC-8270		X						GW	1	G		
↓	↓	↓	PCB-8082		X						GW	1	G		
↓	↓	↓	TAL Metals-6010		X						GW	1	P	1.5	
			8260		X			X			GW	4	G		
			SVOC-8270		X						GW	1	G		
			PCB-8082		X						GW	1	G		
			TAL Metals-6010		X						GW	1	P		
TRIP BLANK															-6

Relinquished By Sampler: [signature]	Date: 4/29/05	Time: 1446	Received By: Kathryn C. [signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

FAX RESULTS? YES NO
Fax # 207-774-6635
Turnaround Request
Standard ☐ Due Date
Priority ☐ Due Date

Comments / Instructions:
GIS KEY EDD
~~Form 1's 1 WK TAT~~
~~Final Report 2 weeks~~ 4.29.05
Level II QC

All ambers ND ~~for~~ Res Cl⁻
KEL 4.29.05

4/29/05 TAL metals sample was preserved upon receipt in the lab to pH<2 with 1:1 HNO3

Page____ of____

Analytics\AEL Documents\AEL COC

Chain of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 1, 10/1/02

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: MJ 4/29/05

Project#: Proj. Name: E. Perry Brownfields Site
Company: Woodard &Curran
Contact: Ms. Kate Skinner
Address: 41 Hutchins Drive
Portland, ME 04102
Phone: (207)774-2112 PO# Quote #
Sampler (Signature):

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
E=Extract
X=Other

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
MW-E	4/29/05	1400	8260		X			X			GW	4	G		57983-4
"	"	"	SVOC-8270		X						GW	1	G		
"	"	"	PCB-8082		X						GW	1	G		
"	"	"	TAL Metals-6010		X						GW	1	P	1.5	
			8260		X			X			GW	4	G		
			SVOC-8270		X						GW	1	G		
			PCB-8082		X						GW	1	G		
			TAL Metals-6010		X						GW	1	P		
TRIP BLANK															-6

Received By: Kathryn C. Glass Time: 1415 Date: 4/29/05
Received By: Time: Date:
Received By: Time: Date:
Relinquished By Sampler: Time: Date:
Relinquished By: Time: Date:
Relinquished By: Time: Date:

FAX RESULTS? YES NO
Fax # 207-774-6635
Turnaround Request
Standard ☐ Due Date
Priority ☐ Due Date

Comments / Instructions:
All ambers ND for Res CT
KEL 4.29.05

GIS KEY EDD
~~Form 1's 1 WK TAT~~ 5.4.2005
~~Final Report 2 weeks~~

Level II QC
4/29/05 TAL metals sample was preserved upon receipt in the lab N
pH < 2 with 1:1 HNO_3

Page ___ of ___

Analytics\AEL Documents\AEL COC

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 54006

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 02 May 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
54006-1	05/02/05	MW-A	EPA 8082 (PCBs only)	
	05/02/05	MW-A	EPA 8260 Volatile Organics	
	05/02/05	MW-A	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-A	TAL Metals	
54006-2	05/02/05	MW-B	EPA 8082 (PCBs only)	
	05/02/05	MW-B	EPA 8260 Volatile Organics	
	05/02/05	MW-B	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-B	TAL Metals	
54006-3	05/02/05	MW-C	EPA 8082 (PCBs only)	
	05/02/05	MW-C	EPA 8260 Volatile Organics	
	05/02/05	MW-C	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-C	TAL Metals	
54006-4	05/02/05	MW-D	EPA 8082 (PCBs only)	
	05/02/05	MW-D	EPA 8260 Volatile Organics	
	05/02/05	MW-D	EPA 8270 Acid/Base Neutrals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, North Carolina, Virginia, Pennsylvania and is validated by the U.S. Army Corps of Engineers (MRD) and U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/19/2005

analytics environmental laboratory LLC

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Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 54006

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 02 May 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	05/02/05	MW-D	TAL Metals	
54006-5	05/02/05	MW-5	EPA 8082 (PCBs only)	
	05/02/05	MW-5	EPA 8260 Volatile Organics	
	05/02/05	MW-5	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-5	TAL Metals	
54006-6	05/02/05	MW-6	EPA 8082 (PCBs only)	
	05/02/05	MW-6	EPA 8260 Volatile Organics	
	05/02/05	MW-6	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-6	TAL Metals	
54006-7	05/02/05	Trip Blank	Electronic Data Deliverable	
	05/02/05	Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, North Carolina, Virginia, Pennsylvania and is validated by the U.S. Army Corps of Engineers (MRD) and U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/19/2005

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
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800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 9, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: LAB QC

SAMPLE DATA

Lab Sample ID: B805065B
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 05/06/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	2	U	1,3-Dichloropropane	2	U
Bromobenzene	2	U	cis-1,3-Dichloropropene	2	U
Bromochloromethane	2	U	trans-1,3-Dichloropropene	2	U
Bromodichloromethane	2	U	2,2-Dichloropropane	2	U
Bromoform	2	U	1,1-Dichloropropene	2	U
Bromomethane	2	U	Ethylbenzene	2	U
n-butylbenzene	2	U	Hexachlorobutadiene	2	U
sec-butylbenzene	2	U	Isopropylbenzene	2	U
tert-butylbenzene	2	U	p-isopropyltoluene	2	U
Carbon Tetrachloride	2	U	Methylene Chloride	5	U
Chlorobenzene	2	U	Methyl-tert-butyl ether (MTBE)	2	U
Chloroethane	2	U	Naphthalene	2	U
Chloroform	2	U	n-Propylbenzene	2	U
Chloromethane	2	U	Styrene	2	U
2-Chlorotoluene	2	U	1,1,1,2-Tetrachloroethane	2	U
4-Chlorotoluene	2	U	1,1,2,2-Tetrachloroethane	2	U
Dibromochloromethane	2	U	Tetrachloroethene	2	U
1,2-Dibromo-3-chloropropane	2	U	Toluene	2	U
1,2-Dibromoethane	2	U	1,2,3-Trichlorobenzene	2	U
Dibromomethane	2	U	1,2,4-Trichlorobenzene	2	U
1,2-Dichlorobenzene	2	U	1,1,1-Trichloroethane	2	U
1,3-Dichlorobenzene	2	U	1,1,2-Trichloroethane	2	U
1,4-Dichlorobenzene	2	U	Trichloroethene	2	U
Dichlorodifluoromethane	2	U	Trichlorofluoromethane	2	U
1,1-Dichloroethane	2	U	1,2,3-Trichloropropane	2	U
1,2-Dichloroethane	2	U	1,2,4-Trimethylbenzene	2	U
1,1-Dichloroethene	2	U	1,3,5-Trimethylbenzene	2	U
cis-1,2-Dichloroethene	2	U	Vinyl Chloride	2	U
trans-1,2-Dichloroethene	2	U	o-Xylene	2	U
1,2-Dichloropropane	2	U	m,p-Xylene	2	U
Acetone	10	U	Diethyl ether	2	U
Carbon Disulfide	2	U	2-Hexanone	10	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	2	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	2	U
t-Amyl methyl ether (TAME)	2	U			

Surrogate Standard Recovery

Dibromofluoromethane	101	%	d4-1,2-Dichloroethane	101	%	d8-Toluene	99	% Bromofluorobenzene	98 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

8260 full (4)

Authorized signature

analytics environmental laboratory LLC

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Portsmouth, New Hampshire 03801
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Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

Report Number: 54006

Revision: Rev. 0

Re: E. Perry Brownfields Site

Enclosed are the results of the analyses on your sample(s). Samples were received on 02 May 2005 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
	05/02/05	MW-D	TAL Metals	
54006-5	05/02/05	MW-5	EPA 8082 (PCBs only)	
	05/02/05	MW-5	EPA 8260 Volatile Organics	
	05/02/05	MW-5	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-5	TAL Metals	
54006-6	05/02/05	MW-6	EPA 8082 (PCBs only)	
	05/02/05	MW-6	EPA 8260 Volatile Organics	
	05/02/05	MW-6	EPA 8270 Acid/Base Neutrals	
	05/02/05	MW-6	TAL Metals	
54006-7	05/02/05	Trip Blank	Electronic Data Deliverable	
	05/02/05	Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, North Carolina, Virginia, Pennsylvania and is validated by the U.S. Army Corps of Engineers (MRD) and U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/19/2005

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 10, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-A

SAMPLE DATA

Lab Sample ID: 54006-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 05/02/05
Lab Receipt Date: 05/02/05
Analysis Date: 05/10/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	2	U	1,3-Dichloropropane	2	U
Bromobenzene	2	U	cis-1,3-Dichloropropene	2	U
Bromochloromethane	2	U	trans-1,3-Dichloropropene	2	U
Bromodichloromethane	2	U	2,2-Dichloropropane	2	U
Bromoform	2	U	1,1-Dichloropropene	2	U
Bromomethane	2	U	Ethylbenzene	2	U
n-butylbenzene	2	U	Hexachlorobutadiene	2	U
sec-butylbenzene	2	U	Isopropylbenzene	2	U
tert-butylbenzene	2	U	p-isopropyltoluene	2	U
Carbon Tetrachloride	2	U	Methylene Chloride	5	U
Chlorobenzene	2	U	Methyl-tert-butyl ether (MTBE)	2	U
Chloroethane	2	U	Naphthalene	2	U
Chloroform	2	U	n-Propylbenzene	2	U
Chloromethane	2	U	Styrene	2	U
2-Chlorotoluene	2	U	1,1,1,2-Tetrachloroethane	2	U
4-Chlorotoluene	2	U	1,1,2,2-Tetrachloroethane	2	U
Dibromochloromethane	2	U	Tetrachloroethene	2	U
1,2-Dibromo-3-chloropropane	2	U	Toluene	2	U
1,2-Dibromoethane	2	U	1,2,3-Trichlorobenzene	2	U
Dibromomethane	2	U	1,2,4-Trichlorobenzene	2	U
1,2-Dichlorobenzene	2	U	1,1,1-Trichloroethane	2	U
1,3-Dichlorobenzene	2	U	1,1,2-Trichloroethane	2	U
1,4-Dichlorobenzene	2	U	Trichloroethene	2	U
Dichlorodifluoromethane	2	U	Trichlorofluoromethane	2	U
1,1-Dichloroethane	2	U	1,2,3-Trichloropropane	2	U
1,2-Dichloroethane	2	U	1,2,4-Trimethylbenzene	2	U
1,1-Dichloroethene	2	U	1,3,5-Trimethylbenzene	2	U
cis-1,2-Dichloroethene	2	U	Vinyl Chloride	2	U
trans-1,2-Dichloroethene	2	U	o-Xylene	2	U
1,2-Dichloropropane	2	U	m,p-Xylene	2	U
Acetone	10	U	Diethyl ether	2	U
Carbon Disulfide	2	U	2-Hexanone	10	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	2	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	2	U
t-Amyl methyl ether (TAME)	2	U			

Surrogate Standard Recovery

Dibromofluoromethane	100	%	d4-1,2-Dichloroethane	95	%	d8-Toluene	100	% Bromofluorobenzene	100 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 10, 2005

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-A

Lab Sample ID: 54006-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 05/02/05
Lab Receipt Date: 05/02/05
Analysis Date: 05/10/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	2	U	1,3-Dichloropropane	2	U
Bromobenzene	2	U	cis-1,3-Dichloropropene	2	U
Bromochloromethane	2	U	trans-1,3-Dichloropropene	2	U
Bromodichloromethane	2	U	2,2-Dichloropropane	2	U
Bromoform	2	U	1,1-Dichloropropene	2	U
Bromomethane	2	U	Ethylbenzene	2	U
n-butylbenzene	2	U	Hexachlorobutadiene	2	U
sec-butylbenzene	2	U	Isopropylbenzene	2	U
tert-butylbenzene	2	U	p-isopropyltoluene	2	U
Carbon Tetrachloride	2	U	Methylene Chloride	5	U
Chlorobenzene	2	U	Methyl-tert-butyl ether (MTBE)	2	U
Chloroethane	2	U	Naphthalene	2	U
Chloroform	2	U	n-Propylbenzene	2	U
Chloromethane	2	U	Styrene	2	U
2-Chlorotoluene	2	U	1,1,1,2-Tetrachloroethane	2	U
4-Chlorotoluene	2	U	1,1,2,2-Tetrachloroethane	2	U
Dibromochloromethane	2	U	Tetrachloroethene	2	U
1,2-Dibromo-3-chloropropane	2	U	Toluene	2	U
1,2-Dibromoethane	2	U	1,2,3-Trichlorobenzene	2	U
Dibromomethane	2	U	1,2,4-Trichlorobenzene	2	U
1,2-Dichlorobenzene	2	U	1,1,1-Trichloroethane	2	U
1,3-Dichlorobenzene	2	U	1,1,2-Trichloroethane	2	U
1,4-Dichlorobenzene	2	U	Trichloroethene	2	U
Dichlorodifluoromethane	2	U	Trichlorofluoromethane	2	U
1,1-Dichloroethane	2	U	1,2,3-Trichloropropane	2	U
1,2-Dichloroethane	2	U	1,2,4-Trimethylbenzene	2	U
1,1-Dichloroethene	2	U	1,3,5-Trimethylbenzene	2	U
cis-1,2-Dichloroethene	2	U	Vinyl Chloride	2	U
trans-1,2-Dichloroethene	2	U	o-Xylene	2	U
1,2-Dichloropropane	2	U	m,p-Xylene	2	U
Acetone	10	U	Diethyl ether	2	U
Carbon Disulfide	2	U	2-Hexanone	10	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	2	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	2	U
t-Amyl methyl ether (TAME)	2	U			

Surrogate Standard Recovery

Dibromofluoromethane	100	%	d4-1,2-Dichloroethane	95	%	d8-Toluene	100	% Bromofluorobenzene	100 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
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Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 18, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-A

SAMPLE DATA

Lab Sample ID: 54006-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 05/02/05
Lab Receipt Date: 05/02/05
Extraction Date: 05/04/05
Analysis Date: 05/06/05

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

ACID COMPOUND	Quantitation Limit µg/L	Result µg/L	ACID COMPOUND	Quantitation Limit µg/L	Result µg/L
2-Chlorophenol	5	U	Pentachlorophenol	10	U
4-Chloro-3-methylphenol	10	U	Phenol	5	U
2,4-Dichlorophenol	5	U	2,4,5-Trichlorophenol	5	U
2,4-Dimethylphenol	5	U	2,4,6-Trichlorophenol	5	U
2,4-dinitrophenol	5	U	Benzoic Acid	10	U
4,6-Dinitro-2-methylphenol	5	U	2-Methylphenol	5	U
2-Nitrophenol	5	U	3+4-Methylphenol	5	U
2,6-Dichlorophenol	5	U	Benzyl Alcohol	5	U
4-Nitrophenol	5	U	2,3,4,6-Tetrachlorophenol	5	U

Acid Surrogate Standard Recovery

2-Fluorophenol	38 %	d5-Phenol	32 %	2,4,6-Tribromophenol	85 %

BASE NEUTRAL COMPOUND	Quantitation Limit µg/L	Result µg/L	BASE NEUTRAL COMPOUND	Quantitation Limit µg/L	Result µg/L
1,2-Dichlorobenzene	2	U	Hexachlorobenzene	2	U
1,3-Dichlorobenzene	2	U	Benzidine	20	U J
1,4-Dichlorobenzene	2	U	3,3'-Dichlorobenzidine	20	U
2,4-Dinitrotoluene	2	U	Azobenzene	2	U
2,6-Dinitrotoluene	2	U	Bis(2-chloroethoxy)methane	2	U
Nitrobenzene	2	U	bis(2-chloroethyl) ether	2	U
Hexachlorobutadiene	2	U	bis(2-chloroisopropyl)ether	2	U
Dimethyl Phthalate	2	U J	4-bromophenyl phenyl ether	2	U
Di-n-butyl phthalate	2	U	Butyl benzyl phthalate	2	U
di-n-octyl-phthalate	2	U	4-Chlorophenyl phenyl ether	2	U
Bis (2-ethylhexyl) phthalate	2	U	Diethyl Phthalate	2	U
1,2,4-Trichlorobenzene	2	U	Hexachlorocyclopentadiene	2	U

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

Authorized signature

analytics environmental laboratory LLC

198 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 18, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-A

SAMPLE DATA

Lab Sample ID: 54006-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 05/02/05
Lab Receipt Date: 05/02/05
Extraction Date: 05/04/05
Analysis Date: 05/06/05

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

BASE NEUTRAL COMPOUND	Quantitation Limit µg/L	Result µg/L	BASE NEUTRAL COMPOUND	Quantitation Limit µg/L	Result µg/L
Acenaphthene	2	U	N-nitrosodimethylamine	2	U
Acenaphthylene	2	U	N-nitroso-di-n-propylamine	2	U
Anthracene	2	U	n-nitrosodiphenylamine	2	U
Benzo[a]anthracene	2	U	Pyridine	2	U
Benzo[a] pyrene	2	U	2-Methylnaphthalene	2	U
Benzo[b] fluoranthene	2	U	2-Chloronaphthalene	2	U
Benzo[k] fluoranthene	2	U	Naphthalene	2	U
Benzo(g,h,i) perylene	2	U	Phenanthrene	2	U
Chrysene	2	U	Dibenzofuran	2	U
Dibenz [a,h] anthracene	2	U	Aniline	2	U
Fluoranthene	2	U	4-Chloroaniline	2	U
Fluorene	2	U	2-Nitroaniline	2	U
Indeno [1,2,3-cd] pyrene	2	U	3-Nitroaniline	2	U
Pyrene	2	U	4-Nitroaniline	2	U
Hexachloroethane	2	U	Carbazole	2	U
Isophorone	2	U			

Base Neutral Surrogate Standard Recovery

2-Fluorobiphenyl	80	%	d5-nitrobenzene	69	%	d14-p-terphenyl	82 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Benzidine and Dimethyl phthalate detection limits are estimated due to QC criteria not being met.

8270/625 layout

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analytics environmental laboratory LLC

195 Commerce Way
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603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Kate Skinner
Woodard & Curran
41 Hutchins Drive
Portland ME 04102

May 9, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-A

SAMPLE DATA

Lab Sample ID:	54006-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/02/05
Lab Receipt Date:	05/02/05
Extraction Date:	05/03/05
Analysis Date:	05/03/05

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	72	%
Decachlorobiphenyl	36	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

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Portland ME 04102

May 18, 2005

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-A

SAMPLE DATA

Lab Sample ID: 54006-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 05/02/05
Lab Receipt Date: 05/02/05
Extraction Date: 05/04/05
Analysis Date: 05/06/05

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

BASE NEUTRAL COMPOUND	Quantitation Limit µg/L	Result µg/L	BASE NEUTRAL COMPOUND	Quantitation Limit µg/L	Result µg/L
Acenaphthene	2	U	N-nitrosodimethylamine	2	U
Acenaphthylene	2	U	N-nitroso-di-n-propylamine	2	U
Anthracene	2	U	n-nitrosodiphenylamine	2	U
Benzo[a]anthracene	2	U	Pyridine	2	U
Benzo[a] pyrene	2	U	2-Methylnaphthalene	2	U
Benzo[b] fluoranthene	2	U	2-Chloronaphthalene	2	U
Benzo[k] fluoranthene	2	U	Naphthalene	2	U
Benzo(g,h,i) perylene	2	U	Phenanthrene	2	U
Chrysene	2	U	Dibenzofuran	2	U
Dibenz [a,h] anthracene	2	U	Aniline	2	U
Fluoranthene	2	U	4-Chloroaniline	2	U
Fluorene	2	U	2-Nitroaniline	2	U
Indeno [1,2,3-cd] pyrene	2	U	3-Nitroaniline	2	U
Pyrene	2	U	4-Nitroaniline	2	U
Hexachloroethane	2	U	Carbazole	2	U
Isophorone	2	U			

Base Neutral Surrogate Standard Recovery

2-Fluorobiphenyl	80	%	d5-nitrobenzene	69	%	d14-p-terphenyl	82 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Benzidine and Dimethyl phthalate detection limits are estimated due to QC criteria not being met.

8270/625 layout

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May 10, 2005

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: E. Perry Brownfields Site

Project Number:

Field Sample ID: MW-B

Lab Sample ID: 54006-2
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 05/02/05
Lab Receipt Date: 05/02/05
Analysis Date: 05/10/05

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	2	U	1,3-Dichloropropane	2	U
Bromobenzene	2	U	cis-1,3-Dichloropropene	2	U
Bromochloromethane	2	U	trans-1,3-Dichloropropene	2	U
Bromodichloromethane	2	U	2,2-Dichloropropane	2	U
Bromoform	2	U	1,1-Dichloropropene	2	U
Bromomethane	2	U	Ethylbenzene	2	U
n-butylbenzene	2	U	Hexachlorobutadiene	2	U
sec-butylbenzene	2	U	Isopropylbenzene	2	U
tert-butylbenzene	2	U	p-isopropyltoluene	2	U
Carbon Tetrachloride	2	U	Methylene Chloride	5	U
Chlorobenzene	2	U	Methyl-tert-butyl ether (MTBE)	2	U
Chloroethane	2	U	Naphthalene	2	U
Chloroform	2	U	n-Propylbenzene	2	U
Chloromethane	2	U	Styrene	2	U
2-Chlorotoluene	2	U	1,1,1,2-Tetrachloroethane	2	U
4-Chlorotoluene	2	U	1,1,2,2-Tetrachloroethane	2	U
Dibromochloromethane	2	U	Tetrachloroethene	2	U
1,2-Dibromo-3-chloropropane	2	U	Toluene	2	U
1,2-Dibromoethane	2	U	1,2,3-Trichlorobenzene	2	U
Dibromomethane	2	U	1,2,4-Trichlorobenzene	2	U
1,2-Dichlorobenzene	2	U	1,1,1-Trichloroethane	2	U
1,3-Dichlorobenzene	2	U	1,1,2-Trichloroethane	2	U
1,4-Dichlorobenzene	2	U	Trichloroethene	2	U
Dichlorodifluoromethane	2	U	Trichlorofluoromethane	2	U
1,1-Dichloroethane	2	U	1,2,3-Trichloropropane	2	U
1,2-Dichloroethane	2	U	1,2,4-Trimethylbenzene	2	U
1,1-Dichloroethene	2	U	1,3,5-Trimethylbenzene	2	U
cis-1,2-Dichloroethene	2	U	Vinyl Chloride	2	U
trans-1,2-Dichloroethene	2	U	o-Xylene	2	U
1,2-Dichloropropane	2	U	m,p-Xylene	2	U
Acetone	10	U	Diethyl ether	2	U
Carbon Disulfide	2	U	2-Hexanone	10	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	2	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	2	U
t-Amyl methyl ether (TAME)	2	U			

Surrogate Standard Recovery

Dibromofluoromethane	100	%	d4-1,2-Dichloroethane	97	%	d8-Toluene	103	% Bromofluorobenzene	102 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

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