[redacted]

Lab D

Data Report

Client Name: King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

Reference Number: **09-04308**
Project: King County Intercalibration
Report Date: 4/7/09
Date Received: 3/30/09
Peer Review:

Sample Description: L47484-1 - Aliquot 1
Lab Number: 8837
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.0085	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.036	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.004	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.4	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-2 - Aliquot 2
Lab Number: 8838
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.0086	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.035	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.004	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-3 - Aliquot 3
Lab Number: 8839
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.0088	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.037	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.004	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-4 - Aliquot 1
Lab Number: 8840
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

If you have any questions concerning this report contact [redacted] at the above phone number.

Form: cRslt_2.rpt

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-5 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8841 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-6 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8842 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-7 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8843 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.033	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.145	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.024	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	52.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-8 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8844 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.033	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.144	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.024	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	52.9	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-9 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8845 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.0337	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.148	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.0247	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	53.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Notes:

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D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-10 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8846 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-11 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8847 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-12 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8848 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-13 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8849 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.006	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.002	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	125	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-14 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8850 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	0.006	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	0.002	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	122	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-15 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8851 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	0.00024	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	

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Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-66-6	**ZINC**	0.006	0.005	8.43E-05	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW
7439-92-1	**LEAD**	0.002	0.001	9.71E-06	mg/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW
E-11778	**HARDNESS**	125	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B

Sample Description: L47484-16 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8852 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-17 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8853 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-18 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8854 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-19 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8855 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	0.014	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-20 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8856 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	0.014	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-21 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8857 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

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Lab D

Reference Number: **09-04308**
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7440-50-8	**COPPER**	ND	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	0.013	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-22 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8858 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-23 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8859 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-24 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8860 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-25 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8861 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.012	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.003	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	0.059	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-26 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8862 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	0.012	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.003	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	0.060	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-27 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8863 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

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D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-50-8	**COPPER**	0.012	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7439-92-1	**LEAD**	0.003	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7440-66-6	**ZINC**	0.059	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401

Sample Description: L47484-28 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8864 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-29 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8865 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-30 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8866 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-31 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8867 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	ND	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-32 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8868 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	ND	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-33 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8869 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

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D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-50-8	**COPPER**	ND	0.005	4.16E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7439-92-1	**LEAD**	ND	0.001	1.17E-05	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7440-66-6	**ZINC**	ND	0.005	0.00016	mg/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401

Sample Description: L47484-34 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8870 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-35 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8871 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-36 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8872 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.0002	1.00E-05	mg/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Notes:

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D.F. - Dilution Factor

[redacted]

Lab D

Data Report

Client Name: King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

Reference Number: **09-04308**
Project: King County Intercalibration
Report Date: 4/7/09
Date Received: 3/30/09
Peer Review:

Sample Description: L47484-1 - Aliquot 1
Lab Number: 8837
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	8.5	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	36	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	4	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.4	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-2 - Aliquot 2
Lab Number: 8838
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	8.6	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	35	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	4	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-3 - Aliquot 3
Lab Number: 8839
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	8.8	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	37	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	4	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-4 - Aliquot 1
Lab Number: 8840
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

If you have any questions concerning this report contact [redacted] at the above phone number.

Form: cRslt_2.rpt

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-5 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8841 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-6 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8842 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-7 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8843 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	33	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	145	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	24	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	52.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-8 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8844 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	33	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	144	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	24	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	52.9	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-9 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8845 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	33.7	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	148	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	24.7	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	53.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-10 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8846 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-11 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8847 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-12 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8848 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-13 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8849 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	6	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	2	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	125	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-14 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8850 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	6	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	2	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	122	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-15 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8851 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-66-6	**ZINC**	6	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW
7439-92-1	**LEAD**	2	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW
E-11778	**HARDNESS**	125	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B

Sample Description: L47484-16 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8852 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-17 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8853 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-18 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8854 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-19 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8855 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	14	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-20 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8856 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	14	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-21 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8857 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	13	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-22 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8858 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-23 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8859 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-24 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8860 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-25 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8861 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	12	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	3	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	59	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-26 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8862 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	12	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	3	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	60	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-27 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8863 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-50-8	**COPPER**	12	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7439-92-1	**LEAD**	3	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7440-66-6	**ZINC**	59	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401

Sample Description: L47484-28 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8864 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-29 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8865 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-30 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8866 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-31 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8867 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	ND	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-32 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8868 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	ND	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-33 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8869 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401
7440-66-6	**ZINC**	ND	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401

Sample Description: L47484-34 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8870 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-35 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8871 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-36 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8872 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

[redacted]

Lab D

Data Report

Client Name: King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

Reference Number: **09-04308**
Project: King County Intercalibration
Report Date: 4/7/09
Date Received: 3/30/09
Peer Review:

Sample Description: L47484-1 - Aliquot 1
Lab Number: 8837
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	8.5	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	36	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	4	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.4	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-2 - Aliquot 2
Lab Number: 8838
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	8.6	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	35	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	4	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-3 - Aliquot 3
Lab Number: 8839
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	8.8	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	37	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	4	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	12.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-4 - Aliquot 1
Lab Number: 8840
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

If you have any questions concerning this report contact [redacted] at the above phone number.

Form: cRslt_2.rpt

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-5 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8841 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-6 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8842 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-7 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8843 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	33	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	145	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	24	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	52.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-8 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8844 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	33	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	144	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	24	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	52.9	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-9 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8845 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	33.7	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	148	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	24.7	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	53.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-10 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8846 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331

Sample Description: L47484-11 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8847 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-12 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8848 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-13 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 8849 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	2.6 J	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	6	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	2	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	125	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-14 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 8850 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	2.6 J	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	6	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	2	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	122	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Sample Description: L47484-15 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 8851 — Collected By: Unknown

CAS ID#	Parameter	**Result**	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	2.54 J	5	0.244	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7440-66-6	**ZINC**	6	5	0.08433	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
7439-92-1	**LEAD**	2	1	0.00971	ug/L	1	200.8/3010A	4/3/09	MVP	200.8_094043WW	
E-11778	**HARDNESS**	125	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/2/09	BJ	200.7-090402B	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-16 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8852 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-17 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8853 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-18 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8854 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	3/31/09	CCN	hg_090331	

Sample Description: L47484-19 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8855 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	3.6 J	5	0.0416	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.44 J	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	14	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-20 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8856 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	3.9 J	5	0.0416	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.45 J	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	14	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-21 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8857 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	3.6 J	5	0.0416	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.43 J	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	13	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-22 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8858 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-23 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8859 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-24 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8860 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-25 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8861 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	12	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	3	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	59	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-26 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8862 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	12	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	3	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	60	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-27 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8863 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	12	5	0.04156	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	3	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	59	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-28 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8864 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	3/31/09	CCN	hg_090331	

Sample Description: L47484-29 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8865 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-30 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8866 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-31 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 8867 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	1.6 J	5	0.0416	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.19 J	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	2.8 J	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-32 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 8868 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	1.5 J	5	0.0416	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.19 J	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	2.6 J	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Sample Description: L47484-33 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 8869 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	1.5 J	5	0.0416	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7439-92-1	**LEAD**	0.19 J	1	0.0117	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	
7440-66-6	**ZINC**	2.6 J	5	0.1594	ug/L	1	200.8/FldFilter	4/1/09	MVP	200.8_090401	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04308**
Report Date: 4/7/09

Data Report

Sample Description: L47484-34 - Aliquot 1
Lab Number: 8870
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-35 - Aliquot 2
Lab Number: 8871
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Sample Description: L47484-36 - Aliquot 3
Lab Number: 8872
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	HG_090406	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Laboratory Fortified Blank

Reference Number: 09-04308
Report Date: 04/07/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090402B	HARDNESS	172	172	mg/L	200.7	100	80-120		LFB	
200.8_094043WV	COPPER	0.042	0.040	mg/L	200.8	105	85-115		LFB	
	LEAD	0.042	0.040	mg/L	200.8	105	85-115			
	ZINC	0.040	0.040	mg/L	200.8	100	85-115			
hg_090331	MERCURY	0.00170	0.00167	mg/L	245.1	102	70-130		LFB	
	MERCURY	0.00170	0.00167	mg/L	245.1	102	80-120			
hg_090406	MERCURY	0.00169	0.00167	mg/L	245.1	101	80-120		LFB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Laboratory Reagent Blank

Reference Number: 09-04308
Report Date: 04/07/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090402B	HARDNESS	ND		mg/L	200.7		10.0000(		LRB	
200.8_090401	COPPER	ND		mg/L	200.8		0.01000		LRB	
	LEAD	ND		mg/L	200.8		0.00100			
	ZINC	ND		mg/L	200.8		0.02000			
200.8_094043WV	COPPER	ND		mg/L	200.8		0.00250		LRB	
	LEAD	ND		mg/L	200.8		0.00050			
	ZINC	ND		mg/L	200.8		0.00250			

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Method Blank

Reference Number: 09-04308
Report Date: 04/07/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090402B	HARDNESS	ND		mg/L	200.7		0.82000		MB	
200.8_094043WV	COPPER	ND		mg/L	200.8		0.00250		MB	
	LEAD	ND		mg/L	200.8		0.00050			
	ZINC	ND		mg/L	200.8		0.00250			
hg_090331	MERCURY	ND		mg/L	245.1		0.00010		MB	
	MERCURY	ND		mg/L	245.1		0.00013			
hg_090406	MERCURY	ND		mg/L	245.1		0.00013		MB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Quality Control Sample

Reference Number: 09-04308
Report Date: 04/07/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090402B	HARDNESS	132.8	132.3	mg/L	200.7	100	80-120		QCS	
200.8_090401	COPPER	0.040	0.040	mg/L	200.8	100	85-115		QCS	
	LEAD	0.039	0.040	mg/L	200.8	98	85-115			
	ZINC	0.040	0.040	mg/L	200.8	100	85-115			
200.8_094043WV	COPPER	0.039	0.040	mg/L	200.8	98	85-115		QCS	
	LEAD	0.039	0.040	mg/L	200.8	98	85-115			
	ZINC	0.039	0.040	mg/L	200.8	98	85-115			
hg_090331	MERCURY	0.00310	0.00314	mg/L	245.1	99	70-130		QCS	
	MERCURY	0.00310	0.00314	mg/L	245.1	99	80-120			
hg_090406	MERCURY	0.00313	0.00314	mg/L	245.1	100	80-120		QCS	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

[redacted]

Lab D

QUALITY CONTROL REPORT

Duplicate and Matrix Spike/Matrix Spike Duplicate Report

Reference Number: 09-04308

Report Date: 4/7/2009

Duplicate

Batch	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
200.7-090402B									
	8837	HARDNESS	12.4	12.3	mg CaCO3/L	**0.8**	0-45	DUP	
	8843	HARDNESS	52.3	52.9	mg CaCO3/L	**1.1**	0-45	DUP	
	9074	HARDNESS	55.7	55.4	mg CaCO3/L	**0.5**	0-45	DUP	
200.8_090401									
	8855	ZINC	0.014	0.013	mg/L	**7.4**	0-50	DUP	
	8855	ZINC	0.014	0.013	mg/L	**7.4**	0-45	DUP	
	8927	LEAD	0.002	0.002	mg/L	**0.0**	0-45	DUP	
	8927	LEAD	0.002	0.002	mg/L	**0.0**	0-50	DUP	
	9053	COPPER	0.041	0.043	mg/L	**4.8**	0-50	DUP	
	9053	COPPER	0.041	0.043	mg/L	**4.8**	0-45	DUP	
	9053	ZINC	0.293	0.294	mg/L	**0.3**	0-50	DUP	
	9053	LEAD	0.002	0.002	mg/L	**0.0**	0-45	DUP	
	9053	LEAD	0.002	0.002	mg/L	**0.0**	0-50	DUP	
	9053	ZINC	0.293	0.294	mg/L	**0.3**	0-45	DUP	
200.8_094043WW									
	8837	COPPER	0.0085	0.0086	mg/L	**1.2**	0-50	DUP	
	8837	COPPER	0.0085	0.0086	mg/L	**1.2**	0-45	DUP	
	8837	ZINC	0.036	0.035	mg/L	**2.8**	0-50	DUP	
	8837	LEAD	0.004	0.004	mg/L	**0.0**	0-45	DUP	
	8837	LEAD	0.004	0.004	mg/L	**0.0**	0-50	DUP	
	8837	ZINC	0.036	0.035	mg/L	**2.8**	0-45	DUP	
hg_090331									
HG_090331									
hg_090406									
HG_090406									

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Matrix Spike

Batch	Sample	Analyte	Result	Spike Result	Duplicate Spike Result	Spike Conc	Units	Percent Recovery MS	MSD	Limits	%RPD	Limits	QC Qualifier	Comments
200.7-090402B														
	8843	HARDNESS	52.3	205		172.0	mg CaCO3/L	**89**		80-120	**NA**	0-60		LFM
	9074	HARDNESS	55.7	213	220	172	mg CaCO3/L	**91**	**96**	80-120	**4.4**	0-60		LFM
200.8_090401														
	8362	COPPER	ND	0.0095		0.010	mg/L	**95**		70-130	**NA**	0-50		LFM
	8362	COPPER	ND	0.0095		0.010	mg/L	**95**		70-130	**NA**	0-60		LFM
	8362	ZINC	0.0015	0.0117		0.010	mg/L	**102**		70-130	**NA**	0-50		LFM
	8362	LEAD	ND	0.0109		0.010	mg/L	**109**		70-130	**NA**	0-60		LFM
	8362	LEAD	ND	0.0109		0.010	mg/L	**109**		70-130	**NA**	0-50		LFM
	8362	ZINC	0.0015	0.0117		0.010	mg/L	**102**		70-130	**NA**	0-60		LFM
	8652	COPPER	ND	0.0097		0.010	mg/L	**97**		70-130	**NA**	0-50		LFM
	8652	COPPER	ND	0.0097		0.010	mg/L	**97**		70-130	**NA**	0-60		LFM
	8652	ZINC	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50		LFM
	8652	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60		LFM
	8652	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50		LFM
	8652	ZINC	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60		LFM
	8855	COPPER	0.0038	0.0138		0.010	mg/L	**100**		70-130	**NA**	0-50		LFM
	8855	COPPER	0.0038	0.0138		0.010	mg/L	**100**		70-130	**NA**	0-60		LFM
	8855	ZINC	0.014	0.023		0.010	mg/L	**90**		70-130	**NA**	0-50		LFM
	8855	LEAD	ND	0.0105		0.010	mg/L	**105**		70-130	**NA**	0-60		LFM
	8855	LEAD	ND	0.0105		0.010	mg/L	**105**		70-130	**NA**	0-50		LFM
	8855	ZINC	0.014	0.023		0.010	mg/L	**90**		70-130	**NA**	0-60		LFM
	8927	LEAD	0.002	0.012		0.010	mg/L	**100**		70-130	**NA**	0-60		LFM
	8927	LEAD	0.002	0.012		0.010	mg/L	**100**		70-130	**NA**	0-50		LFM
	9053	COPPER	0.041	0.049		0.010	mg/L	**80**		70-130	**NA**	0-50		LFM
	9053	COPPER	0.041	0.049		0.010	mg/L	**80**		70-130	**NA**	0-60		LFM
	9053	ZINC	0.293	0.297		0.010	mg/L	**40**		70-130	**NA**	0-50	S	LFM
	9053	LEAD	0.0024	0.0127		0.010	mg/L	**103**		70-130	**NA**	0-60		LFM
	9053	LEAD	0.0024	0.0127		0.010	mg/L	**103**		70-130	**NA**	0-50		LFM
	9053	ZINC	0.293	0.297		0.010	mg/L	**40**		70-130	**NA**	0-60	S	LFM
200.8_094043WW														
	8326	LEAD	ND	0.050		0.050	mg/L	**100**		70-130	**NA**	0-60		LFM
	8326	LEAD	ND	0.050		0.050	mg/L	**100**		70-130	**NA**	0-50		LFM
	8499	COPPER	ND	0.050		0.050	mg/L	**100**		70-130	**NA**	0-50		LFM
	8499	COPPER	ND	0.050		0.050	mg/L	**100**		70-130	**NA**	0-60		LFM
	8499	ZINC	ND	0.050		0.050	mg/L	**100**		70-130	**NA**	0-50		LFM

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Lab D

Reference Number: 09-04308
Report Date: 4/7/2009

Matrix Spike

Batch	Sample	Analyte	Result	Spike Result	Duplicate Spike Result	Spike Conc	Units	Percent Recovery MS	MSD	Limits	%RPD	Limits	QC Qualifier	Comments
	8499	LEAD	ND	0.048		0.050	mg/L	**96**		70-130	**NA**	0-60	LFM	
	8499	LEAD	ND	0.048		0.050	mg/L	**96**		70-130	**NA**	0-50	LFM	
	8499	ZINC	ND	0.050		0.050	mg/L	**100**		70-130	**NA**	0-60	LFM	
	8837	COPPER	0.0085	0.058		0.050	mg/L	**99**		70-130	**NA**	0-50	LFM	
	8837	COPPER	0.0085	0.058		0.050	mg/L	**99**		70-130	**NA**	0-60	LFM	
	8837	ZINC	0.036	0.081		0.050	mg/L	**90**		70-130	**NA**	0-50	LFM	
	8837	LEAD	0.004	0.053		0.050	mg/L	**98**		70-130	**NA**	0-60	LFM	
	8837	LEAD	0.004	0.053		0.050	mg/L	**98**		70-130	**NA**	0-50	LFM	
	8837	ZINC	0.036	0.081		0.050	mg/L	**90**		70-130	**NA**	0-60	LFM	
hg_090331														
	8842	MERCURY	ND	0.00152	0.00144	0.00167	mg/L	**91**	**86**	80-120	**5.4**	0-60	LFM	
	8842	MERCURY	ND	0.00152	0.00144	0.00167	mg/L	**91**	**86**	70-130	**5.4**	0-50	LFM	
	8864	MERCURY	ND	0.00149	0.00153	0.00167	mg/L	**89**	**92**	80-120	**2.6**	0-60	LFM	
	8864	MERCURY	ND	0.00149	0.00153	0.00167	mg/L	**89**	**92**	70-130	**2.6**	0-50	LFM	
HG_090331														
	8652	MERCURY	ND	0.00160	0.00162	0.00167	mg/L	**96**	**97**	80-120	**1.2**	0-60	LFM	
	8652	MERCURY	ND	0.00160	0.00162	0.00167	mg/L	**96**	**97**	70-130	**1.2**	0-50	LFM	
hg_090406														
	9030	MERCURY	ND	0.00157	0.00162	0.00167	mg/L	**94**	**97**	80-120	**3.1**	0-60	LFM	
	9030	MERCURY	ND	0.00157	0.00162	0.00167	mg/L	**94**	**97**	70-130	**3.1**	0-50	LFM	
	9468	MERCURY	ND	0.00157	0.00153	0.00167	mg/L	**94**	**92**	80-120	**2.6**	0-60	LFM	
	9468	MERCURY	ND	0.00157	0.00153	0.00167	mg/L	**94**	**92**	70-130	**2.6**	0-50	LFM	
HG_090406														
	9449	MERCURY	ND	0.00156	0.00160	0.00167	mg/L	**93**	**96**	80-120	**2.5**	0-60	LFM	
	9449	MERCURY	ND	0.00156	0.00160	0.00167	mg/L	**93**	**96**	70-130	**2.5**	0-50	LFM	

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

[redacted]

Lab D

Qualifier Definitions

Reference Number: 09-04308
Report Date: 04/07/09

Qualifier	Definition
M	Matrix induced bias assumed.
S	Spiking amount was lower than the 5:1 spike to background (sample amount) basis for performance criteria. The reported criteria does not apply due to increased errors in measurement of both sample and spike concentration.

Note: Some qualifier definitions found on this page may pertain to results or QC data which are not printed with this report.

KING COUNTY ENVIRONMENTAL LABORATORY

322 West Ewing Street Seattle, WA 98119

EL-0915

LABORATORY WORK ORDER

Project Name: King County Intercalibration Study

Project Number: 421973

Samplers:

Lab D

Laboratory Project Manager: Fritz Grothkopp

Sample #	Locator	Matrix	Collect Date	Total Cu, Pb, Zn	Total Mercury	Dissolved Cu, Pb, Zn	Dissolved Mercury	Hardness				No. of Containers	Notes
L47484-1	Ewing St.	Water	25-Mar-09	x				x					Aliquot 1
L47484-2	Ewing St.	Water	25-Mar-09	x				x					Aliquot 2
L47484-3	Ewing St.	Water	25-Mar-09	x				x					Aliquot 3
L47484-4	Ewing St.	Water	25-Mar-09		x								Aliquot 1
L47484-5	Ewing St.	Water	25-Mar-09		x								Aliquot 2
L47484-6	Ewing St.	Water	25-Mar-09		x								Aliquot 3
L47484-7	GL2-3	Water	25-Mar-09	x				x					Aliquot 1
L47484-8	GL2-3	Water	25-Mar-09	x				x					Aliquot 2
L47484-9	GL2-3	Water	25-Mar-09	x				x					Aliquot 3
L47484-10	GL2-3	Water	25-Mar-09		x								Aliquot 1
L47484-11	GL2-3	Water	25-Mar-09		x								Aliquot 2
L47484-12	GL2-3	Water	25-Mar-09		x								Aliquot 3
L47484-13	C370	Water	25-Mar-09	x				x					Aliquot 1
L47484-14	C370	Water	25-Mar-09	x				x					Aliquot 2
L47484-15	C370	Water	25-Mar-09	x				x					Aliquot 3
L47484-16	C370	Water	25-Mar-09		x								Aliquot 1
L47484-17	C370	Water	25-Mar-09		x								Aliquot 2
L47484-18	C370	Water	25-Mar-09		x								Aliquot 3
L47484-19	Ewing St.	Water	25-Mar-09			x							Aliquot 1
L47484-20	Ewing St.	Water	25-Mar-09			x							Aliquot 2
L47484-21	Ewing St.	Water	25-Mar-09			x							Aliquot 3
L47484-22	Ewing St.	Water	25-Mar-09				x						Aliquot 1
L47484-23	Ewing St.	Water	25-Mar-09				x						Aliquot 2
L47484-24	Ewing St.	Water	25-Mar-09				x						Aliquot 3
L47484-25	GL2-3	Water	25-Mar-09			x							Aliquot 1
L47484-26	GL2-3	Water	25-Mar-09			x							Aliquot 2
L47484-27	GL2-3	Water	25-Mar-09			x							Aliquot 3
L47484-28	GL2-3	Water	25-Mar-09				x						Aliquot 1
L47484-29	GL2-3	Water	25-Mar-09				x						Aliquot 2
L47484-30	GL2-3	Water	25-Mar-09				x						Aliquot 3
L47484-31	C370	Water	25-Mar-09			x							Aliquot 1
L47484-32	C370	Water	25-Mar-09			x							Aliquot 2
L47484-33	C370	Water	25-Mar-09			x							Aliquot 3
L47484-34	C370	Water	25-Mar-09				x						Aliquot 1
L47484-35	C370	Water	25-Mar-09				x						Aliquot 2
L47484-36	C370	Water	25-Mar-09				x						Aliquot 3

Parameters

Additional Comments:

14 Day TAT

Total Number of Bottles: 12

09-04308

09-04308
8837 - 8872

RELINQUISHED BY		RECEIVED BY	
Signature	Date 3-27-09	Signature	Date 3.30.09
Printed Name Jason Kinnard	Time 1500	Printed Name Otelia Vecera	Time 9:45
Organization RCEL		Organization [redacted]	

10° ice

[redacted]

March 30, 2009

Lab D

Sample Receipt

Fritz Grothkopp
King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

FAX Number: 206-684-9123

Dear Fritz,

We received the following samples for project "**King County Intercalibration**" on **March 30, 2009 12:00 am**. This project is expected to be completed by **April 13, 2009.** The temperature of the sample cooler was **10C**. If you have any questions concerning this project please refer to reference number **09-04308**.

LAB NUMBER	CLIENT SAMPLE ID#	Date Sampled	Sampled By	Status	COMMENTS
8837	L47484-1/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8838	L47484-2/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8839	L47484-3/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8840	L47484-4/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8841	L47484-5/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8842	L47484-6/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8843	L47484-7/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8844	L47484-8/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8845	L47484-9/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8846	L47484-10/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8847	L47484-11/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8848	L47484-12/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8849	L47484-13/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8850	L47484-14/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8851	L47484-15/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8852	L47484-16/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	

Lab D

Sample Receipt

LAB NUMBER	CLIENT SAMPLE ID#	Date Sampled	Sampled By	Status	COMMENTS
8853	L47484-17/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8854	L47484-18/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8855	L47484-19/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8856	L47484-20/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8857	L47484-21/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8858	L47484-22/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8859	L47484-23/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8860	L47484-24/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8861	L47484-25/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8862	L47484-26/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8863	L47484-27/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8864	L47484-28/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8865	L47484-29/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8866	L47484-30/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8867	L47484-31/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8868	L47484-32/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8869	L47484-33/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
8870	L47484-34/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
8871	L47484-35/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
8872	L47484-36/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	

ADDITIONAL COMMENTS:

[redacted]

Lab D

April 15, 2009

Fritz Grothkopp
King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

RE: 09-04602 - King County Intercalibration Study #421973

Dear Fritz Grothkopp,

Your project: King County Intercalibration Study #421973, was received on Friday April 03, 2009.
All samples were analyzed within the accepted holding times, were appropriately preserved and were analyzed according to approved analytical protocols. The quality control data was within laboratory acceptance limits, unless specified in the QA reports.

If you have questions phone me at [redacted]

Respectfully Submitted,

[redacted]
Director of Laboratories

Enclosures Data Report

[redacted]

Lab D

Data Report

Client Name: King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

Reference Number: **09-04602**
Project: King County Intercalibration Study #
Report Date: 4/15/09
Date Received: 4/3/09
Peer Review:

Sample Description: L47721-1 - Aliquot 1
Lab Number: 9439
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	16	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	66	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	8.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	12.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-2 - Aliquot 2
Lab Number: 9440
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	16	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	60	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	8.1	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	12.0	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-3 - Aliquot 3
Lab Number: 9441
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	16	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	60	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	8.1	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	12.1	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-4 - Aliquot 1
Lab Number: 9442
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

If you have any questions concerning this report contact [redacted] at the above phone number.

Form: cRslt_2.rpt

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-5 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9443 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-6 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9444 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-7 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9445 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	42	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	147	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	27	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	35.5	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-8 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9446 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	44	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	151	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	27.6	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	35.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-9 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9447 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	43	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	148	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	26.6	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	35.6	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-10 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9448 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406

Sample Description: L47721-11 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 9449 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-12 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 9450 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-13 - Aliquot 1 — Sample Date: 3/25/09
Lab Number: 9451 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	7.8	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	1.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	128	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/9/09	BJ	200.7-090409B	

Sample Description: L47721-14 - Aliquot 2 — Sample Date: 3/25/09
Lab Number: 9452 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	7.2	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	1.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	127	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/9/09	BJ	200.7-090409B	

Sample Description: L47721-15 - Aliquot 3 — Sample Date: 3/25/09
Lab Number: 9453 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	8.2	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	1.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	129	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/9/09	BJ	200.7-090409B	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-16 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9454 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-17 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9455 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-18 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9456 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-19 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9457 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	4.9 J	5	0.04156	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7440-66-6	**ZINC**	13	5	0.1594	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	

Sample Description: L47721-20 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9458 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	4.9 J	5	0.04156	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7440-66-6	**ZINC**	13.6	5	0.1594	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	

Sample Description: L47721-21 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9459 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	4.9 J	5	0.04156	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7440-66-6	**ZINC**	13.7	5	0.1594	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-22 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9460 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-23 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9461 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-24 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9462 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-25 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9463 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	10	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	1.2	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	31	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-26 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9464 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	10	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	1.2	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	34	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-27 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9465 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	10	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	1.2	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	31	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-28 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9466 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-29 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9467 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-30 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9468 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-31 - Aliquot 1 | Sample Date: 3/25/09
Lab Number: 9469 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	ND	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-32 - Aliquot 2 | Sample Date: 3/25/09
Lab Number: 9470 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	ND	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-33 - Aliquot 3 | Sample Date: 3/25/09
Lab Number: 9471 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	ND	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	ND	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	ND	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-34 - Aliquot 1
Lab Number: 9472
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/9/09	CCN	hg_090409	

Sample Description: L47721-35 - Aliquot 2
Lab Number: 9473
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/9/09	CCN	hg_090409	

Sample Description: L47721-36 - Aliquot 3
Lab Number: 9474
Sample Date: 3/25/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/9/09	CCN	hg_090409	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

[redacted]

Lab D

Data Report

Client Name: King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

Reference Number: **09-04602**
Project: King County Intercalibration Study #
Report Date: 4/15/09
Date Received: 4/3/09
Peer Review:

Sample Description: L47721-1 - Aliquot 1
Lab Number: 9439
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	16	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	66	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	8.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	12.3	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-2 - Aliquot 2
Lab Number: 9440
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	16	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	60	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	8.1	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	12.0	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-3 - Aliquot 3
Lab Number: 9441
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	16	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	60	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	8.1	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	12.1	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-4 - Aliquot 1
Lab Number: 9442
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

If you have any questions concerning this report contact [redacted] at the above phone number.

Form: cRslt_2.rpt

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-5 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9443 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-6 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9444 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-7 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9445 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	42	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	147	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	27	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	35.5	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-8 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9446 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	44	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	151	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	27.6	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	35.2	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-9 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9447 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	43	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	148	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	26.6	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	35.6	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/7/09	BJ	200.7-090407A	

Sample Description: L47721-10 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9448 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406

Sample Description: L47721-11 - Aliquot 2 — Sample Date: 4/1/09
Lab Number: 9449 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-12 - Aliquot 3 — Sample Date: 4/1/09
Lab Number: 9450 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-13 - Aliquot 1 — Sample Date: 4/1/09
Lab Number: 9451 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	2.7 J	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	7.8	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	1.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	128	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/9/09	BJ	200.7-090409B	

Sample Description: L47721-14 - Aliquot 2 — Sample Date: 4/1/09
Lab Number: 9452 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	2.7 J	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	7.2	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	1.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	127	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/9/09	BJ	200.7-090409B	

Sample Description: L47721-15 - Aliquot 3 — Sample Date: 4/1/09
Lab Number: 9453 — Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	2.8 J	5	0.244	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7440-66-6	**ZINC**	8.2	5	0.08433	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
7439-92-1	**LEAD**	1.3	1	0.00971	ug/L	1	200.8/3010A	4/13/09	MVP	200.8_090413WW	
E-11778	**HARDNESS**	129	3.30	0.055	mg CaCO3/L	1	200.7/3010A	4/9/09	BJ	200.7-090409B	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-16 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9454 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-17 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9455 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-18 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9456 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1	4/6/09	CCN	hg_090406	

Sample Description: L47721-19 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9457 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	4.9 J	5	0.04156	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7439-92-1	**LEAD**	0.43 J	1	0.0117	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7440-66-6	**ZINC**	13	5	0.1594	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	

Sample Description: L47721-20 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9458 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	4.9 J	5	0.04156	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7439-92-1	**LEAD**	0.44 J	1	0.0117	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7440-66-6	**ZINC**	13.6	5	0.1594	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	

Sample Description: L47721-21 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9459 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	4.9 J	5	0.04156	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7439-92-1	**LEAD**	0.45 J	1	0.0117	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	
7440-66-6	**ZINC**	13.7	5	0.1594	ug/L	1	200.8/FldFilter	4/14/09	MVP	200.8_090414	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-22 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9460 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-23 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9461 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-24 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9462 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-25 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9463 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	10	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	1.2	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	31	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-26 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9464 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	10	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	1.2	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	34	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-27 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9465 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	10	5	0.04156	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	1.2	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	31	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-28 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9466 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-29 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9467 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-30 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9468 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/6/09	CCN	hg_090406	

Sample Description: L47721-31 - Aliquot 1 | Sample Date: 4/1/09
Lab Number: 9469 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	1.7 J	5	0.0416	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	0.23 J	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	3.4 J	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-32 - Aliquot 2 | Sample Date: 4/1/09
Lab Number: 9470 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	1.8 J	5	0.0416	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	0.21 J	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	3.1 J	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Sample Description: L47721-33 - Aliquot 3 | Sample Date: 4/1/09
Lab Number: 9471 | Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-50-8	**COPPER**	1.8 J	5	0.0416	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7439-92-1	**LEAD**	0.21 J	1	0.0117	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	
7440-66-6	**ZINC**	3.0 J	5	0.1594	ug/L	1	200.8/FldFilter	4/7/09	MVP	200.8_090407	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

Reference Number: **09-04602**
Report Date: 4/15/09

Data Report

Sample Description: L47721-34 - Aliquot 1
Lab Number: 9472
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/9/09	CCN	hg_090409	

Sample Description: L47721-35 - Aliquot 2
Lab Number: 9473
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/9/09	CCN	hg_090409	

Sample Description: L47721-36 - Aliquot 3
Lab Number: 9474
Sample Date: 4/1/09
Collected By: Unknown

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7439-97-6	**MERCURY**	ND	0.2	0.01	ug/L	1	245.1/FldFilter	4/9/09	CCN	hg_090409	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be acheived within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Laboratory Fortified Blank

Reference Number: 09-04602
Report Date: 04/15/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090407A	HARDNESS	175	172	mg/L	200.7	102	80-120		LFB	
200.7-090409B	HARDNESS	178.3	172	mg/L	200.7	104	80-120		LFB	
200.8_090413WV	COPPER	0.041	0.040	mg/L	200.8	103	85-115		LFB	
	LEAD	0.040	0.040	mg/L	200.8	100	85-115			
	ZINC	0.042	0.040	mg/L	200.8	105	85-115			
hg_090406	MERCURY	0.00169	0.00167	mg/L	245.1	101	70-130		LFB	
	MERCURY	0.00169	0.00167	mg/L	245.1	101	80-120			
hg_090409	MERCURY	0.00168	0.00167	mg/L	245.1	101	80-120		LFB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Laboratory Reagent Blank

Reference Number: 09-04602
Report Date: 04/15/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090407A	HARDNESS	ND		mg/L	200.7		10.0000(		LRB	
200.7-090409B	HARDNESS	ND		mg/L	200.7		10.0000(		LRB	
200.8_090407	COPPER	ND		mg/L	200.8		0.01000		LRB	
	LEAD	ND		mg/L	200.8		0.00100			
	ZINC	ND		mg/L	200.8		0.02000			
200.8_090413WV	COPPER	ND		mg/L	200.8		0.00250		LRB	
	LEAD	ND		mg/L	200.8		0.00050			
	ZINC	ND		mg/L	200.8		0.00250			
200.8_090414	COPPER	ND		mg/L	200.8		0.01000		LRB	
	LEAD	ND		mg/L	200.8		0.00100			
	ZINC	ND		mg/L	200.8		0.02000			

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Method Blank

Reference Number: 09-04602
Report Date: 04/15/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090407A	HARDNESS	ND		mg/L	200.7		0.82000		MB	
200.7-090409B	HARDNESS	ND		mg/L	200.7		0.82000		MB	
200.8_090413WV	COPPER	ND		mg/L	200.8		0.00250		MB	
	LEAD	ND		mg/L	200.8		0.00050			
	ZINC	ND		mg/L	200.8		0.00250			
hg_090406	MERCURY	ND		mg/L	245.1		0.00010		MB	
	MERCURY	ND		mg/L	245.1		0.00013			
hg_090409	MERCURY	ND		mg/L	245.1		0.00013		MB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

Lab D

SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Quality Control Sample

Reference Number: 09-04602
Report Date: 04/15/09

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits	QC Qualifier	Type*	Comment
200.7-090407A	HARDNESS	129	132.3	mg/L	200.7	98	80-120		QCS	
200.7-090409B	HARDNESS	131.6	132.3	mg/L	200.7	99	80-120		QCS	
200.8_090407	COPPER	0.041	0.040	mg/L	200.8	103	85-115		QCS	
	LEAD	0.041	0.040	mg/L	200.8	103	85-115			
	ZINC	0.042	0.040	mg/L	200.8	105	85-115			
200.8_090413WV	COPPER	0.040	0.040	mg/L	200.8	100	85-115		QCS	
	LEAD	0.039	0.040	mg/L	200.8	98	85-115			
	ZINC	0.040	0.040	mg/L	200.8	100	85-115			
200.8_090414	COPPER	0.040	0.040	mg/L	200.8	100	85-115		QCS	
	LEAD	0.039	0.040	mg/L	200.8	98	85-115			
	ZINC	0.039	0.040	mg/L	200.8	98	85-115			
hg_090406	MERCURY	0.00313	0.00314	mg/L	245.1	100	70-130		QCS	
	MERCURY	0.00313	0.00314	mg/L	245.1	100	80-120			
hg_090409	MERCURY	0.00314	0.00314	mg/L	245.1	100	80-120		QCS	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

QCS: Quality Control Sample, a solution containing known concentrations of method analytes which is used to fortify an aliquot of reagent matrix. The QCS is obtained from an external source and is used to check lab performance.

LFB: Laboratory Fortified Blank, an aliquot of reagent matrix to which known quantities of method analytes are added in the lab. The LFB is analyzed exactly like a sample, and its purpose is to determine whether method performance is within accepted control limits.

MB or LRB: Method Blank or Laboratory Reagent Blank, an aliquot of reagent matrix is analyzed exactly like a sample, and its purpose is to determine if there is background contamination.

[redacted]

Lab D

QUALITY CONTROL REPORT

Duplicate and Matrix Spike/Matrix Spike Duplicate Report

Reference Number: 09-04602

Report Date: 4/15/2009

Duplicate

Batch	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
200.7-090407A									
	9439	HARDNESS	12.3	12.2	mg CaCO3/L	**0.8**	0-45		DUP
	9445	HARDNESS	35.5	34.9	mg CaCO3/L	**1.7**	0-45		DUP
200.7-090409B									
	9451	HARDNESS	128	127	mg CaCO3/L	**0.8**	0-45		DUP
200.8_090407									
	9743	LEAD	0.00076	0.00077	mg/L	**1.3**	0-45	J	DUP
	9743	LEAD	0.00076	0.00077	mg/L	**1.3**	0-50	J	DUP
200.8_090413WW									
	9439	COPPER	16	16	ug/L	**0.0**	0-50		DUP
	9439	COPPER	16	16	ug/L	**0.0**	0-45		DUP
	9439	ZINC	66	62	ug/L	**6.3**	0-50		DUP
	9439	LEAD	8.3	8.5	ug/L	**2.4**	0-45		DUP
	9439	LEAD	8.3	8.5	ug/L	**2.4**	0-50		DUP
	9439	ZINC	66	62	ug/L	**6.3**	0-45		DUP
	9451	ZINC	7.8	7.4	ug/L	**5.3**	0-50		DUP
	9451	LEAD	1.3	1.3	ug/L	**0.0**	0-45		DUP
	9451	LEAD	1.3	1.3	ug/L	**0.0**	0-50		DUP
	9451	ZINC	7.8	7.4	ug/L	**5.3**	0-45		DUP
200.8_090414									
	9457	COPPER	4.9	4.9	ug/L	**0.0**	0-50		DUP
	9457	COPPER	4.9	4.9	ug/L	**0.0**	0-45		DUP
	9457	ZINC	13	13.5	ug/L	**3.8**	0-50		DUP
	9457	ZINC	13	13.5	ug/L	**3.8**	0-45		DUP
	9573	COPPER	0.647	0.645	mg/L	**0.3**	0-50		DUP
	9573	COPPER	0.647	0.645	mg/L	**0.3**	0-45		DUP
	9582	COPPER	0.775	0.768	mg/L	**0.9**	0-50		DUP
	9582	COPPER	0.775	0.768	mg/L	**0.9**	0-45		DUP

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Duplicate

Batch	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
	9582	LEAD	0.001	0.001	mg/L	**0.0**	0-45	DUP	
	9582	LEAD	0.001	0.001	mg/L	**0.0**	0-50	DUP	
	9583	COPPER	0.485	0.511	mg/L	**5.2**	0-50	DUP	
	9583	COPPER	0.485	0.511	mg/L	**5.2**	0-45	DUP	
	9583	LEAD	0.011	0.011	mg/L	**0.0**	0-45	DUP	
	9583	LEAD	0.011	0.011	mg/L	**0.0**	0-50	DUP	
	10346	COPPER	0.012	0.012	mg/L	**0.0**	0-50	DUP	
	10346	COPPER	0.012	0.012	mg/L	**0.0**	0-45	DUP	
	10346	LEAD	0.003	0.003	mg/L	**0.0**	0-45	DUP	
	10346	LEAD	0.003	0.003	mg/L	**0.0**	0-50	DUP	

hg_090406
HG_090406
hg_090409

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Reference Number: 09-04602
Report Date: 4/15/2009

Lab D

Matrix Spike

Batch	Sample	Analyte	Result	Spike Result	Duplicate Spike Result	Spike Conc	Units	Percent Recovery MS	MSD	Limits	%RPD	Limits	QC Qualifier	Comments
200.7-090407A														
	9445	HARDNESS	35.5	206		172	mg CaCO3/L	**99**		80-120	**NA**	0-60	LFM	
200.8_090407														
	8651	COPPER	ND	0.031		0.030	mg/L	**103**		70-130	**NA**	0-50	LFM	
	8651	COPPER	ND	0.031		0.030	mg/L	**103**		70-130	**NA**	0-60	LFM	
	8651	ZINC	0.003	0.037		0.030	mg/L	**113**		70-130	**NA**	0-50	LFM	
	8651	LEAD	ND	0.031		0.030	mg/L	**103**		70-130	**NA**	0-60	LFM	
	8651	LEAD	ND	0.031		0.030	mg/L	**103**		70-130	**NA**	0-50	LFM	
	8651	ZINC	0.003	0.037		0.030	mg/L	**113**		70-130	**NA**	0-60	LFM	
	9295	COPPER	0.001	0.011		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9295	COPPER	0.001	0.011		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9295	ZINC	0.0027	0.0136		0.010	mg/L	**109**		70-130	**NA**	0-50	LFM	
	9295	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9295	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9295	ZINC	0.0027	0.0136		0.010	mg/L	**109**		70-130	**NA**	0-60	LFM	
	9471	COPPER	0.002	0.012		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9471	COPPER	0.002	0.012		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9471	ZINC	0.003	0.014		0.010	mg/L	**110**		70-130	**NA**	0-50	LFM	
	9471	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9471	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9471	ZINC	0.003	0.014		0.010	mg/L	**110**		70-130	**NA**	0-60	LFM	
	9743	LEAD	0.00076	0.0105		0.010	mg/L	**97**		70-130	**NA**	0-60	LFM	
	9743	LEAD	0.00076	0.0105		0.010	mg/L	**97**		70-130	**NA**	0-50	LFM	
200.8_090413WW														
	9439	COPPER	16	69		50	ug/L	**106**		70-130	**NA**	0-50	LFM	
	9439	COPPER	16	69		50	ug/L	**106**		70-130	**NA**	0-60	LFM	
	9439	ZINC	66	109		50	ug/L	**86**		70-130	**NA**	0-50	LFM	
	9439	LEAD	8.3	62		50	ug/L	**107**		70-130	**NA**	0-60	LFM	
	9439	LEAD	8.3	62		50	ug/L	**107**		70-130	**NA**	0-50	LFM	
	9439	ZINC	66	109		50	ug/L	**86**		70-130	**NA**	0-60	LFM	
	9451	COPPER	ND	55		50	ug/L	**110**		70-130	**NA**	0-50	LFM	
	9451	COPPER	ND	55		50	ug/L	**110**		70-130	**NA**	0-60	LFM	
	9451	ZINC	7.8	59		50	ug/L	**102**		70-130	**NA**	0-50	LFM	
	9451	LEAD	1.3	55		50	ug/L	**107**		70-130	**NA**	0-60	LFM	
	9451	LEAD	1.3	55		50	ug/L	**107**		70-130	**NA**	0-50	LFM	
	9451	ZINC	7.8	59		50	ug/L	**102**		70-130	**NA**	0-60	LFM	

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NA = Indicates %RPD could not be calculated

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Only Duplicate sample with detections are listed in this report

Reference Number: 09-04602
Report Date: 4/15/2009

Lab D

Matrix Spike

Batch	Sample	Analyte	Result	Spike Result	Duplicate Spike Result	Spike Conc	Units	Percent Recovery MS	MSD	Limits	%RPD	Limits	QC Qualifier	Comments
	9823	LEAD	ND	0.052		0.050	mg/L	**104**		70-130	**NA**	0-60	LFM	
	9823	LEAD	ND	0.052		0.050	mg/L	**104**		70-130	**NA**	0-50	LFM	
200.8_090414														
	9457	COPPER	4.9	15		10	ug/L	**101**		70-130	**NA**	0-50	LFM	
	9457	COPPER	4.9	15		10	ug/L	**101**		70-130	**NA**	0-60	LFM	
	9457	LEAD	0.43	10.9		10	ug/L	**105**		70-130	**NA**	0-60	LFM	
	9457	LEAD	0.43	10.9		10	ug/L	**105**		70-130	**NA**	0-50	LFM	
	9573	COPPER	0.647	0.814		0.150	mg/L	**111**		70-130	**NA**	0-50	LFM	
	9573	COPPER	0.647	0.814		0.150	mg/L	**111**		70-130	**NA**	0-60	LFM	
	9573	LEAD	ND	0.151		0.150	mg/L	**101**		70-130	**NA**	0-60	LFM	
	9573	LEAD	ND	0.151		0.150	mg/L	**101**		70-130	**NA**	0-50	LFM	
	9583	COPPER	0.511	0.675		0.150	mg/L	**109**		70-130	**NA**	0-50	LFM	
	9583	COPPER	0.511	0.675		0.150	mg/L	**109**		70-130	**NA**	0-60	LFM	
	9583	LEAD	0.011	0.159		0.150	mg/L	**99**		70-130	**NA**	0-60	LFM	
	9583	LEAD	0.011	0.159		0.150	mg/L	**99**		70-130	**NA**	0-50	LFM	
	9720	COPPER	0.027	0.037		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9720	COPPER	0.027	0.037		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9720	ZINC	0.185	0.192		0.010	mg/L	**70**		70-130	**NA**	0-50	LFM	
	9720	LEAD	ND	0.0106		0.010	mg/L	**106**		70-130	**NA**	0-60	LFM	
	9720	LEAD	ND	0.0106		0.010	mg/L	**106**		70-130	**NA**	0-50	LFM	
	9720	ZINC	0.185	0.192		0.010	mg/L	**70**		70-130	**NA**	0-60	LFM	
	9972	COPPER	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9972	COPPER	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9972	ZINC	ND	0.0095		0.010	mg/L	**95**		70-130	**NA**	0-50	LFM	
	9972	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	9972	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	9972	ZINC	ND	0.0095		0.010	mg/L	**95**		70-130	**NA**	0-60	LFM	
	10346	COPPER	0.012	0.022		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	10346	COPPER	0.012	0.022		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	10346	LEAD	0.003	0.013		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	10346	LEAD	0.003	0.013		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	10448	COPPER	0.002	0.012		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	10448	COPPER	0.002	0.012		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	10448	ZINC	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	
	10448	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60	LFM	
	10448	LEAD	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-50	LFM	

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

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Reference Number: 09-04602
Report Date: 4/15/2009

Lab D

Matrix Spike

Batch	Sample	Analyte	Result	Spike Result	Duplicate Spike Result	Spike Conc	Units	Percent Recovery MS	MSD	Limits	%RPD	Limits	QC Qualifier	Comments
	10448	ZINC	ND	0.010		0.010	mg/L	**100**		70-130	**NA**	0-60		LFM
hg_090406														
	9030	MERCURY	ND	0.00157	0.00162	0.00167	mg/L	**94**	**97**	80-120	**3.1**	0-60		LFM
	9030	MERCURY	ND	0.00157	0.00162	0.00167	mg/L	**94**	**97**	70-130	**3.1**	0-50		LFM
	9468	MERCURY	ND	1.57	1.53	1.67	ug/L	**94**	**92**	80-120	**2.6**	0-60		LFM
	9468	MERCURY	ND	1.57	1.53	1.67	ug/L	**94**	**92**	70-130	**2.6**	0-50		LFM
HG_090406														
	9449	MERCURY	ND	1.56	1.60	1.67	ug/L	**93**	**96**	80-120	**2.5**	0-60		LFM
	9449	MERCURY	ND	1.56	1.60	1.67	ug/L	**93**	**96**	70-130	**2.5**	0-50		LFM
hg_090409														
	9823	MERCURY	ND	0.00149	0.00147	0.00167	mg/L	**89**	**88**	80-120	**1.4**	0-60		LFM
	9823	MERCURY	ND	0.00149	0.00147	0.00167	mg/L	**89**	**88**	70-130	**1.4**	0-50		LFM
	9828	MERCURY	ND	0.00121	0.00128	0.00167	mg/L	**72**	**77**	80-120	**5.6**	0-60	P	LFM
	9828	MERCURY	ND	0.00121	0.00128	0.00167	mg/L	**72**	**77**	70-130	**5.6**	0-50	P	LFM
	9925	MERCURY	ND	0.00165	0.00167	0.00167	mg/L	**99**	**100**	80-120	**1.2**	0-60		LFM
	9925	MERCURY	ND	0.00165	0.00167	0.00167	mg/L	**99**	**100**	70-130	**1.2**	0-50		LFM

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

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[redacted]

Lab D

Qualifier Definitions

Reference Number: 09-04602
Report Date: 04/15/09

Qualifier	Definition
J	Indicates an estimated concentration. This occurs when an analyte concentration is below the calibration curve but is above the method detection limit.
M	Matrix induced bias assumed.
NH	The sample was non-homogeneous.
P	The Laboratory Fortified Blank was within limits. The out of bounds recovery on the MS/MSD indicates matrix effects.

Note: Some qualifier definitions found on this page may pertain to results or QC data which are not printed with this report.

EL-09-21

KING COUNTY ENVIRONMENTAL LABORATORY 322 West Ewing Street Seattle, WA 98119

LABORATORY WORK ORDER

Lab D

Project Name: King County Intercalibration Study

Project Number: 421973

Samplers:_____

Laboratory Project Manager: Fritz Grothkopp, 206-684-2327

Sample #	Locator	Matrix	Collect Date	Parameters: Total Cu, Pb, Zn	Total Mercury	Dissolved Cu, Pb, Zn	Dissolved Mercury	Hardness				No. of Containers	Notes
L47721-1	Ewing St.	Water	25-Mar-09	x				x					Aliquot 1
L47721-2	Ewing St.	Water	25-Mar-09	x				x					Aliquot 2
L47721-3	Ewing St.	Water	25-Mar-09	x				x					Aliquot 3
L47721-4	Ewing St.	Water	25-Mar-09		x								Aliquot 1
L47721-5	Ewing St.	Water	25-Mar-09		x								Aliquot 2
L47721-6	Ewing St.	Water	25-Mar-09		x								Aliquot 3
L47721-7	GL2-3	Water	25-Mar-09	x				x					Aliquot 1
L47721-8	GL2-3	Water	25-Mar-09	x				x					Aliquot 2
L47721-9	GL2-3	Water	25-Mar-09	x				x					Aliquot 3
L47721-10	GL2-3	Water	25-Mar-09		x								Aliquot 1
L47721-11	GL2-3	Water	25-Mar-09		x								Aliquot 2
L47721-12	GL2-3	Water	25-Mar-09		x								Aliquot 3
L47721-13	C370	Water	25-Mar-09	x				x					Aliquot 1
L47721-14	C370	Water	25-Mar-09	x				x					Aliquot 2
L47721-15	C370	Water	25-Mar-09	x				x					Aliquot 3
L47721-16	C370	Water	25-Mar-09		x								Aliquot 1
L47721-17	C370	Water	25-Mar-09		x								Aliquot 2
L47721-18	C370	Water	25-Mar-09		x								Aliquot 3
L47721-19	Ewing St.	Water	25-Mar-09			x							Aliquot 1
L47721-20	Ewing St.	Water	25-Mar-09			x							Aliquot 2
L47721-21	Ewing St.	Water	25-Mar-09			x							Aliquot 3
L47721-22	Ewing St.	Water	25-Mar-09				x						Aliquot 1
L47721-23	Ewing St.	Water	25-Mar-09				x						Aliquot 2
L47721-24	Ewing St.	Water	25-Mar-09				x						Aliquot 3
L47721-25	GL2-3	Water	25-Mar-09			x							Aliquot 1
L47721-26	GL2-3	Water	25-Mar-09			x							Aliquot 2
L47721-27	GL2-3	Water	25-Mar-09			x							Aliquot 3
L47721-28	GL2-3	Water	25-Mar-09				x						Aliquot 1
L47721-29	GL2-3	Water	25-Mar-09				x						Aliquot 2
L47721-30	GL2-3	Water	25-Mar-09				x						Aliquot 3
L47721-31	C370	Water	25-Mar-09			x							Aliquot 1
L47721-32	C370	Water	25-Mar-09			x							Aliquot 2
L47721-33	C370	Water	25-Mar-09			x							Aliquot 3
L47721-34	C370	Water	25-Mar-09				x						Aliquot 1
L47721-35	C370	Water	25-Mar-09				x						Aliquot 2
L47721-36	C370	Water	25-Mar-09				x						Aliquot 3

09-04602
9439 - 9474

Total Number of Bottles:

Additional Comments:

TAT = 14 days

Diss Metals = Field filter. rv

09-04602

Use EPA 200.8 or SM3125 for Copper, Lead & Zinc

Use EPA 245.1 or 245.2 for Mercury

Use Sample L47721-7, 10, 25, 28 for QC analysis

RELINQUISHED BY		RECEIVED BY	
Signature	Date 4-2-09	Signature	Date 4.3.09
Printed Name Jason Kinnard	Time 1500	Printed Na[redacted]	Time 9:48
Organization KCEL		Organizati[redacted]	UPS

Cust. Seals

[redacted]

April 03, 2009

Lab D

Sample Receipt

Fritz Grothkopp
King County Environmental Laboratory
322 West Ewing Street
Seattle, WA 98119

FAX Number: 206-684-9123

Dear Fritz,

We received the following samples for project "**King County Intercalibration Study #421973**" on **April 3, 2009 12:00 am**. This project is expected to be completed by **April 23, 2009.** The temperature of the sample cooler was **11C**. If you have any questions concerning this project please refer to reference number **09-04602**.

LAB NUMBER	CLIENT SAMPLE ID#	Date Sampled	Sampled By	Status	COMMENTS
9439	L47721-1/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9440	L47721-2/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9441	L47721-3/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9442	L47721-4/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9443	L47721-5/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9444	L47721-6/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9445	L47721-7/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9446	L47721-8/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9447	L47721-9/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9448	L47721-10/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9449	L47721-11/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9450	L47721-12/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9451	L47721-13/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9452	L47721-14/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9453	L47721-15/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9454	L47721-16/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	

Sample Receipt

LAB NUMBER	CLIENT SAMPLE ID#	Date Sampled	Sampled By	Status	COMMENTS
9455	L47721-17/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9456	L47721-18/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9457	L47721-19/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9458	L47721-20/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9459	L47721-21/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9460	L47721-22/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9461	L47721-23/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9462	L47721-24/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9463	L47721-25/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9464	L47721-26/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9465	L47721-27/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9466	L47721-28/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9467	L47721-29/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9468	L47721-30/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9469	L47721-31/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9470	L47721-32/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9471	L47721-33/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	
9472	L47721-34/Aliquot 1	3/25/09 12:00 a	Unknown	Pending	
9473	L47721-35/Aliquot 2	3/25/09 12:00 a	Unknown	Pending	
9474	L47721-36/Aliquot 3	3/25/09 12:00 a	Unknown	Pending	

ADDITIONAL COMMENTS:

Lab D