Appendix D

Analytical Data

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
PF #9	W2F0236-01	Ground Water	11-Jun-12 07:25	GS	11-Jun-2012
PFSP	W2F0236-02	Ground Water	11-Jun-12 08:08	GS	11-Jun-2012
PF #6	W2F0236-03	Ground Water	11-Jun-12 09:00	GS	11-Jun-2012
RPSY	W2F0236-04	Ground Water	11-Jun-12 10:23	GS	11-Jun-2012
EGA #1	W2F0236-05	Ground Water	11-Jun-12 11:45	GS	11-Jun-2012
EGA #2	W2F0236-06	Ground Water	11-Jun-12 12:15	GS	11-Jun-2012
HLWA #1	W2F0236-07	Ground Water	11-Jun-12 13:05	GS	11-Jun-2012
SL #4	W2F0236-08	Ground Water	11-Jun-12 14:08	GS	11-Jun-2012
RATH G	W2F0236-09	Ground Water	11-Jun-12 15:05	GS	11-Jun-2012
Duplicate #1	W2F0236-10	Ground Water	11-Jun-12 16:30	GS	11-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **PF #9**
SVL Sample ID: **W2F0236-01 (Ground Water)**

Sampled: 11-Jun-12 07:25
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	27.6	mg/L	0.040	0.006		W224189	AS	06/25/12 17:13	
EPA 200.7	**Magnesium**	12.5	mg/L	0.060	0.013		W224189	AS	06/25/12 17:13	
EPA 200.7	**Potassium**	2.07	mg/L	0.50	0.08		W224189	AS	06/25/12 17:13	
EPA 200.7	**Sodium**	2.97	mg/L	0.50	0.07		W224189	AS	06/25/12 17:13	
EPA 200.8	**Arsenic**	0.0045	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:38	
EPA 200.8	**Uranium**	0.00142	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:38	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	109	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:21	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:21	
SM 2320B/2310B	**Total Alkalinity**	109	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:21	
SM 5310B	**Total Organic Carbon**	1.51	mg/L	1.00	0.27		W225381	SM	06/22/12 14:32	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 14:12	
EPA 300.0	**Chloride**	3.49	mg/L	0.20	0.03		W225254	AEW	06/20/12 14:12	
EPA 300.0	**Sulfate as SO4**	9.09	mg/L	0.30	0.05		W225254	AEW	06/20/12 14:12	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **PFSP**
SVL Sample ID: **W2F0236-02 (Ground Water)**

Sampled: 11-Jun-12 08:08
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	7.63	mg/L	0.040	0.006		W224189	AS	06/25/12 17:30	
EPA 200.7	**Magnesium**	2.03	mg/L	0.060	0.013		W224189	AS	06/25/12 17:30	
EPA 200.7	**Potassium**	0.76	mg/L	0.50	0.08		W224189	AS	06/25/12 17:30	
EPA 200.7	**Sodium**	1.84	mg/L	0.50	0.07		W224189	AS	06/25/12 17:30	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:42	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:42	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	25.8	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:25	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:25	
SM 2320B/2310B	**Total Alkalinity**	25.8	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:25	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 14:42	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 16:38	
EPA 300.0	**Chloride**	1.50	mg/L	0.20	0.03		W225254	AEW	06/20/12 16:38	
EPA 300.0	**Sulfate as SO4**	3.77	mg/L	0.30	0.05		W225254	AEW	06/20/12 16:38	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **PF #6**
SVL Sample ID: **W2F0236-03 (Ground Water)**

Sampled: 11-Jun-12 09:00
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	23.2	mg/L	0.040	0.006		W224189	AS	06/25/12 17:35	
EPA 200.7	**Magnesium**	6.75	mg/L	0.060	0.013		W224189	AS	06/25/12 17:35	
EPA 200.7	**Potassium**	1.71	mg/L	0.50	0.08		W224189	AS	06/25/12 17:35	
EPA 200.7	**Sodium**	2.67	mg/L	0.50	0.07		W224189	AS	06/25/12 17:35	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:43	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:43	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	77.9	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:29	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:29	
SM 2320B/2310B	**Total Alkalinity**	77.9	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:29	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 14:51	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 16:49	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **RPSY**
SVL Sample ID: **W2F0236-04 (Ground Water)**

Sampled: 11-Jun-12 10:23
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	18.1	mg/L	0.040	0.006		W224189	AS	06/25/12 17:40	
EPA 200.7	**Magnesium**	8.72	mg/L	0.060	0.013		W224189	AS	06/25/12 17:40	
EPA 200.7	**Potassium**	2.02	mg/L	0.50	0.08		W224189	AS	06/25/12 17:40	
EPA 200.7	**Sodium**	3.37	mg/L	0.50	0.07		W224189	AS	06/25/12 17:40	
EPA 200.8	**Arsenic**	0.0034	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:45	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:45	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	76.7	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:33	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:33	
SM 2320B/2310B	**Total Alkalinity**	76.7	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:33	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 15:01	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 16:59	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **EGA #1**
SVL Sample ID: **W2F0236-05 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 11-Jun-12 11:45
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	36.3	mg/L	0.040	0.006		W224189	AS	06/25/12 17:46	
EPA 200.7	**Magnesium**	17.6	mg/L	0.060	0.013		W224189	AS	06/25/12 17:46	
EPA 200.7	**Potassium**	2.39	mg/L	0.50	0.08		W224189	AS	06/25/12 17:46	
EPA 200.7	**Sodium**	3.34	mg/L	0.50	0.07		W224189	AS	06/25/12 17:46	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:46	
EPA 200.8	**Uranium**	0.00226	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:46	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	146	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:37	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:37	
SM 2320B/2310B	**Total Alkalinity**	146	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:37	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 16:05	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 17:09	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **EGA #2**
SVL Sample ID: **W2F0236-06 (Ground Water)**

Sampled: 11-Jun-12 12:15
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	36.3	mg/L	0.040	0.006		W224189	AS	06/25/12 17:51	
EPA 200.7	**Magnesium**	17.8	mg/L	0.060	0.013		W224189	AS	06/25/12 17:51	
EPA 200.7	**Potassium**	2.35	mg/L	0.50	0.08		W224189	AS	06/25/12 17:51	
EPA 200.7	**Sodium**	3.26	mg/L	0.50	0.07		W224189	AS	06/25/12 17:51	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:51	
EPA 200.8	**Uranium**	0.00228	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:51	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	152	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:46	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:46	
SM 2320B/2310B	**Total Alkalinity**	152	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:46	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 16:15	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 17:20	
EPA 300.0	**Chloride**	1.75	mg/L	0.20	0.03		W225254	AEW	06/20/12 17:20	
EPA 300.0	**Sulfate as SO4**	9.80	mg/L	0.30	0.05		W225254	AEW	06/20/12 17:20	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **HLWA #1**
SVL Sample ID: **W2F0236-07 (Ground Water)**

Sampled: 11-Jun-12 13:05
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	60.5	mg/L	0.040	0.006		W224189	AS	06/25/12 18:08	
EPA 200.7	**Magnesium**	9.81	mg/L	0.060	0.013		W224189	AS	06/25/12 18:08	
EPA 200.7	**Potassium**	2.38	mg/L	0.50	0.08		W224189	AS	06/25/12 18:08	
EPA 200.7	**Sodium**	5.08	mg/L	0.50	0.07		W224189	AS	06/25/12 18:08	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:52	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:52	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	180	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:51	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:51	
SM 2320B/2310B	**Total Alkalinity**	180	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:51	
SM 5310B	**Total Organic Carbon**	1.01	mg/L	1.00	0.27		W225381	SM	06/22/12 16:25	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 17:30	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **SL #4**
SVL Sample ID: **W2F0236-08 (Ground Water)**

Sampled: 11-Jun-12 14:08
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	16.9	mg/L	0.040	0.006		W224189	AS	06/25/12 18:13	
EPA 200.7	**Magnesium**	3.70	mg/L	0.060	0.013		W224189	AS	06/25/12 18:13	
EPA 200.7	**Potassium**	1.18	mg/L	0.50	0.08		W224189	AS	06/25/12 18:13	
EPA 200.7	**Sodium**	2.79	mg/L	0.50	0.07		W224189	AS	06/25/12 18:13	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:54	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:54	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	57.9	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:58	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:58	
SM 2320B/2310B	**Total Alkalinity**	58.8	mg/L	1.0	0.1		W224288	DKS	06/15/12 10:58	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 16:35	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 17:41	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **RATH G**
SVL Sample ID: **W2F0236-09 (Ground Water)**

Sampled: 11-Jun-12 15:05
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	28.8	mg/L	0.040	0.006		W224189	AS	06/25/12 18:19	
EPA 200.7	**Magnesium**	7.11	mg/L	0.060	0.013		W224189	AS	06/25/12 18:19	
EPA 200.7	**Potassium**	1.60	mg/L	0.50	0.08		W224189	AS	06/25/12 18:19	
EPA 200.7	**Sodium**	4.39	mg/L	0.50	0.07		W224189	AS	06/25/12 18:19	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:55	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:55	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	92.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:02	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:02	
SM 2320B/2310B	**Total Alkalinity**	92.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:02	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 16:44	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 17:51	

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2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Client Sample ID: **Duplicate #1**
SVL Sample ID: **W2F0236-10 (Ground Water)**

Sampled: 11-Jun-12 16:30
Received: 11-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	22.8	mg/L	0.040	0.006		W224189	AS	06/25/12 18:24	
EPA 200.7	**Magnesium**	6.66	mg/L	0.060	0.013		W224189	AS	06/25/12 18:24	
EPA 200.7	**Potassium**	1.69	mg/L	0.50	0.08		W224189	AS	06/25/12 18:24	
EPA 200.7	**Sodium**	2.64	mg/L	0.50	0.07		W224189	AS	06/25/12 18:24	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224152	KWH	06/26/12 08:56	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224152	KWH	06/26/12 08:56	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	77.8	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:07	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:07	
SM 2320B/2310B	**Total Alkalinity**	77.8	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:07	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225381	SM	06/22/12 16:54	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225254	AEW	06/20/12 18:22	
EPA 300.0	**Chloride**	3.69	mg/L	0.20	0.03		W225254	AEW	06/20/12 18:22	
EPA 300.0	**Sulfate as SO4**	4.97	mg/L	0.30	0.05		W225254	AEW	06/20/12 18:22	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W224189	25-Jun-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W224189	25-Jun-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W224189	25-Jun-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W224189	25-Jun-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W224152	26-Jun-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W224152	26-Jun-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W225381	22-Jun-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W225254	20-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W225254	20-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W225254	20-Jun-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.8	20.0	104	85 - 115	W224189	25-Jun-12	
EPA 200.7	Magnesium	mg/L	20.6	20.0	103	85 - 115	W224189	25-Jun-12	
EPA 200.7	Potassium	mg/L	21.9	20.0	109	85 - 115	W224189	25-Jun-12	
EPA 200.7	Sodium	mg/L	20.1	19.0	106	85 - 115	W224189	25-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0255	0.0250	102	85 - 115	W224152	26-Jun-12	
EPA 200.8	Uranium	mg/L	0.0262	0.0250	105	85 - 115	W224152	26-Jun-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	72.2	66.7	108	80 - 120	W225381	22-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.09	3.00	103	90 - 110	W225254	20-Jun-12	
EPA 300.0	Bromide	mg/L	4.02	4.00	100	90 - 110	W225254	20-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.5	10.0	105	90 - 110	W225254	20-Jun-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	27.5	27.6	0.1	20	W224189	25-Jun-12	
EPA 200.7	Magnesium	mg/L	12.5	12.5	0.1	20	W224189	25-Jun-12	
EPA 200.7	Potassium	mg/L	2.05	2.07	0.6	20	W224189	25-Jun-12	
EPA 200.7	Sodium	mg/L	2.96	2.97	0.3	20	W224189	25-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0048	0.0045	7.7	20	W224152	26-Jun-12	
EPA 200.8	Uranium	mg/L	0.00140	0.00142	1.1	20	W224152	26-Jun-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	110	109	0.7	20	W224288	15-Jun-12	
SM 2320B/2310B	Total Alkalinity	mg/L	118	116	1.5	20	W224288	15-Jun-12	

SVL holds the following certifications:
AZ:0538, **CA**:2080, **FL(NELAC)**:E87993, **ID**:ID00019 & ID00965 (Microbiology), **NV**:ID000192007A, **WA**:1268

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0236**
Reported: 26-Jun-12 11:27

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Bicarbonate	mg/L	110	109	0.7	20	W224288	15-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	118	116	1.5	20	W224288	15-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W224288	15-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W224288	15-Jun-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	<1.00	<RL	20	W225381	22-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.83	3.87	1.1	20	W225254	20-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	<RL	20	W225254	20-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	0.65	0.59	10.0	20	W225254	20-Jun-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	48.9	27.6	20.0	107	70 - 130	W224189	25-Jun-12	
EPA 200.7	Magnesium	mg/L	33.3	12.5	20.0	104	70 - 130	W224189	25-Jun-12	
EPA 200.7	Potassium	mg/L	24.2	2.07	20.0	111	70 - 130	W224189	25-Jun-12	
EPA 200.7	Sodium	mg/L	23.3	2.97	19.0	107	70 - 130	W224189	25-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0299	0.0045	0.0250	102	70 - 130	W224152	26-Jun-12	
EPA 200.8	Uranium	mg/L	0.0272	0.00142	0.0250	103	70 - 130	W224152	26-Jun-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	59.1	<1.00	50.0	117	75 - 125	W225381	22-Jun-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	7.10	3.87	3.00	108	90 - 110	W225254	20-Jun-12	
EPA 300.0	Chloride	mg/L	6.34	3.49	3.00	95.2	90 - 110	W225254	20-Jun-12	
EPA 300.0	Bromide	mg/L	4.07	<0.10	4.00	100	90 - 110	W225254	20-Jun-12	
EPA 300.0	Bromide	mg/L	3.66	<0.10	4.00	90.2	90 - 110	W225254	20-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	11.3	0.59	10.0	107	90 - 110	W225254	20-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	18.8	9.09	10.0	97.0	90 - 110	W225254	20-Jun-12	

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
C4SW	W2F0287-01	Ground Water	12-Jun-12 08:05	GS	12-Jun-2012
CHOW	W2F0287-02	Ground Water	12-Jun-12 08:35	GS	12-Jun-2012
CLAW	W2F0287-03	Ground Water	12-Jun-12 09:45	GS	12-Jun-2012
USFS NUR	W2F0287-04	Ground Water	12-Jun-12 10:30	GS	12-Jun-2012
LAAW	W2F0287-05	Ground Water	12-Jun-12 11:20	GS	12-Jun-2012
FSP3	W2F0287-06	Ground Water	12-Jun-12 13:15	GS	12-Jun-2012
ATH2	W2F0287-07	Ground Water	12-Jun-12 14:35	GS	12-Jun-2012
Duplicate #2	W2F0287-08	Ground Water	12-Jun-12 15:35	GS	12-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **C4SW**
SVL Sample ID: **W2F0287-01 (Ground Water)**

Sampled: 12-Jun-12 08:05
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	29.5	mg/L	0.040	0.006		W225070	AS	06/26/12 19:57	
EPA 200.7	**Magnesium**	12.9	mg/L	0.060	0.013		W225070	AS	06/26/12 19:57	
EPA 200.7	**Potassium**	1.82	mg/L	0.50	0.08		W225070	AS	06/26/12 19:57	
EPA 200.7	**Sodium**	3.51	mg/L	0.50	0.07		W225070	AS	06/26/12 19:57	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:36	
EPA 200.8	**Uranium**	0.00149	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:36	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	116	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:11	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:11	
SM 2320B/2310B	**Total Alkalinity**	116	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:11	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 09:44	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 18:17	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **CHOW**
SVL Sample ID: **W2F0287-02 (Ground Water)**

Sampled: 12-Jun-12 08:35
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	29.1	mg/L	0.040	0.006		W225070	AS	06/26/12 20:15	
EPA 200.7	**Magnesium**	14.2	mg/L	0.060	0.013		W225070	AS	06/26/12 20:15	
EPA 200.7	**Potassium**	1.77	mg/L	0.50	0.08		W225070	AS	06/26/12 20:15	
EPA 200.7	**Sodium**	2.87	mg/L	0.50	0.07		W225070	AS	06/26/12 20:15	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:40	
EPA 200.8	**Uranium**	0.00261	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:40	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	126	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:16	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:16	
SM 2320B/2310B	**Total Alkalinity**	126	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:16	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 09:54	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 18:27	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **CLAW**
SVL Sample ID: **W2F0287-03 (Ground Water)**

Sampled: 12-Jun-12 09:45
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	35.5	mg/L	0.040	0.006		W225070	AS	06/26/12 20:21	
EPA 200.7	**Magnesium**	19.6	mg/L	0.060	0.013		W225070	AS	06/26/12 20:21	
EPA 200.7	**Potassium**	2.24	mg/L	0.50	0.08		W225070	AS	06/26/12 20:21	
EPA 200.7	**Sodium**	4.40	mg/L	0.50	0.07		W225070	AS	06/26/12 20:21	
EPA 200.8	**Arsenic**	0.0042	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:41	
EPA 200.8	**Uranium**	0.00282	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:41	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	149	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:24	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:24	
SM 2320B/2310B	**Total Alkalinity**	149	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:24	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 10:04	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 18:38	
EPA 300.0	**Chloride**	9.02	mg/L	0.20	0.03		W225358	AEW	06/21/12 18:38	
EPA 300.0	**Sulfate as SO4**	13.9	mg/L	0.30	0.05		W225446	AEW	06/21/12 18:38	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.63 meq/L Anion Sum: 3.52 meq/L C/A Balance: 1.57 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **USFS NUR**
SVL Sample ID: **W2F0287-04 (Ground Water)**

Sampled: 12-Jun-12 10:30
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.7	mg/L	0.040	0.006		W225070	AS	06/26/12 20:26	
EPA 200.7	**Magnesium**	6.69	mg/L	0.060	0.013		W225070	AS	06/26/12 20:26	
EPA 200.7	**Potassium**	2.54	mg/L	0.50	0.08		W225070	AS	06/26/12 20:26	
EPA 200.7	**Sodium**	3.19	mg/L	0.50	0.07		W225070	AS	06/26/12 20:26	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:43	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:43	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	100	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:30	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:30	
SM 2320B/2310B	**Total Alkalinity**	100	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:30	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 10:13	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 18:48	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **LAAW**
SVL Sample ID: **W2F0287-05 (Ground Water)**

Sampled: 12-Jun-12 11:20
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	25.7	mg/L	0.040	0.006		W225070	AS	06/26/12 20:32	
EPA 200.7	**Magnesium**	8.53	mg/L	0.060	0.013		W225070	AS	06/26/12 20:32	
EPA 200.7	**Potassium**	1.50	mg/L	0.50	0.08		W225070	AS	06/26/12 20:32	
EPA 200.7	**Sodium**	2.46	mg/L	0.50	0.07		W225070	AS	06/26/12 20:32	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:44	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:44	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	100	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:34	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:34	
SM 2320B/2310B	**Total Alkalinity**	100	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:34	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 10:23	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 19:20	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **FSP3**
SVL Sample ID: **W2F0287-06 (Ground Water)**

Sampled: 12-Jun-12 13:15
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.2	mg/L	0.040	0.006		W225070	AS	06/26/12 20:38	
EPA 200.7	**Magnesium**	13.9	mg/L	0.060	0.013		W225070	AS	06/26/12 20:38	
EPA 200.7	**Potassium**	1.90	mg/L	0.50	0.08		W225070	AS	06/26/12 20:38	
EPA 200.7	**Sodium**	3.09	mg/L	0.50	0.07		W225070	AS	06/26/12 20:38	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:49	
EPA 200.8	**Uranium**	0.00216	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:49	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	129	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:38	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:38	
SM 2320B/2310B	**Total Alkalinity**	129	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:38	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 10:33	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 19:30	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **ATH2**
SVL Sample ID: **W2F0287-07 (Ground Water)**

Sampled: 12-Jun-12 14:35
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	34.8	mg/L	0.040	0.006		W225070	AS	06/26/12 20:56	
EPA 200.7	**Magnesium**	15.1	mg/L	0.060	0.013		W225070	AS	06/26/12 20:56	
EPA 200.7	**Potassium**	1.91	mg/L	0.50	0.08		W225070	AS	06/26/12 20:56	
EPA 200.7	**Sodium**	3.47	mg/L	0.50	0.07		W225070	AS	06/26/12 20:56	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:50	
EPA 200.8	**Uranium**	0.00291	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:50	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	133	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:43	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:43	
SM 2320B/2310B	**Total Alkalinity**	133	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:43	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 11:20	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 19:40	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Client Sample ID: **Duplicate #2**
SVL Sample ID: **W2F0287-08 (Ground Water)**

Sampled: 12-Jun-12 15:35
Received: 12-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	34.3	mg/L	0.040	0.006		W225070	AS	06/26/12 21:01	
EPA 200.7	**Magnesium**	14.9	mg/L	0.060	0.013		W225070	AS	06/26/12 21:01	
EPA 200.7	**Potassium**	1.89	mg/L	0.50	0.08		W225070	AS	06/26/12 21:01	
EPA 200.7	**Sodium**	3.46	mg/L	0.50	0.07		W225070	AS	06/26/12 21:01	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224277	KWH	06/26/12 09:52	
EPA 200.8	**Uranium**	0.00292	mg/L	0.00100	0.000010	2.5	W224277	KWH	06/26/12 09:52	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	133	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:48	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:48	
SM 2320B/2310B	**Total Alkalinity**	133	mg/L	1.0	0.1		W224288	DKS	06/15/12 11:48	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225382	NCS	06/25/12 11:30	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W225358	AEW	06/21/12 19:51	
EPA 300.0	**Chloride**	3.72	mg/L	0.20	0.03		W225358	AEW	06/21/12 19:51	
EPA 300.0	**Sulfate as SO4**	15.0	mg/L	0.30	0.05		W225358	AEW	06/21/12 19:51	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.14 meq/L Anion Sum: 3.07 meq/L C/A Balance: 1.00 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W224277	26-Jun-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W224277	26-Jun-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W225382	25-Jun-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W225358	21-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W225446	22-Jun-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.3	20.0	101	85 - 115	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	19.8	20.0	98.9	85 - 115	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.6	85 - 115	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	18.5	19.0	97.6	85 - 115	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0256	0.0250	103	85 - 115	W224277	26-Jun-12	
EPA 200.8	Uranium	mg/L	0.0264	0.0250	105	85 - 115	W224277	26-Jun-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	66.6	66.7	99.9	80 - 120	W225382	25-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.96	3.00	98.8	90 - 110	W225358	21-Jun-12	
EPA 300.0	Bromide	mg/L	3.92	4.00	98.0	90 - 110	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.5	10.0	105	90 - 110	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.7	10.0	107	90 - 110	W225446	22-Jun-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	29.2	29.5	1.1	20	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	12.8	12.9	0.7	20	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	1.82	1.82	0.4	20	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	3.48	3.51	0.8	20	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	<0.0030	<0.0030	<RL	20	W224277	26-Jun-12	
EPA 200.8	Uranium	mg/L	0.00142	0.00149	5.4	20	W224277	26-Jun-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	110	109	0.7	20	W224288	15-Jun-12	
SM 2320B/2310B	Total Alkalinity	mg/L	118	116	1.5	20	W224288	15-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	110	109	0.7	20	W224288	15-Jun-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Bicarbonate	mg/L	118	116	1.5	20	W224288	15-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W224288	15-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W224288	15-Jun-12	
SM 5310B	Total Organic Carbon	mg/L	1.06	<1.00	<RL	20	W225382	25-Jun-12	R2
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	<0.20	<0.20	UDL	20	W225358	21-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	<0.30	UDL	20	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	<0.30	UDL	20	W225446	22-Jun-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	50.1	29.5	20.0	103	70 - 130	W225070	26-Jun-12	
EPA 200.7	Calcium	mg/L	39.5	18.8	20.0	104	70 - 130	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	32.7	12.9	20.0	99.0	70 - 130	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	23.3	3.09	20.0	101	70 - 130	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	21.9	1.82	20.0	100	70 - 130	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	21.4	1.13	20.0	101	70 - 130	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	22.3	3.51	19.0	98.8	70 - 130	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	20.8	2.00	19.0	98.8	70 - 130	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0284	<0.0030	0.0250	104	70 - 130	W224277	26-Jun-12	
EPA 200.8	Uranium	mg/L	0.0272	0.00149	0.0250	103	70 - 130	W224277	26-Jun-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	52.7	<1.00	50.0	104	75 - 125	W225382	25-Jun-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	2.84	<0.20	3.00	94.6	90 - 110	W225358	21-Jun-12	
EPA 300.0	Chloride	mg/L	6.72	3.72	3.00	99.8	90 - 110	W225358	21-Jun-12	
EPA 300.0	Bromide	mg/L	3.86	<0.10	4.00	96.6	90 - 110	W225358	21-Jun-12	
EPA 300.0	Bromide	mg/L	3.84	<0.10	4.00	96.0	90 - 110	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.4	<0.30	10.0	104	90 - 110	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	25.9	15.0	10.0	109	90 - 110	W225358	21-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.7	<0.30	10.0	107	90 - 110	W225446	22-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	33.5	22.9	10.0	106	90 - 110	W225446	22-Jun-12	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0287**
Reported: 27-Jun-12 09:38

Notes and Definitions

R2	RPD exceeded the laboratory acceptance limit.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water In
Work Order: **W2F0326**
Reported: 27-Jun-12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Recei
MVT #1	W2F0326-01	Ground Water	13-Jun-12 07:25	GS	13-Jun-2012
HAY #2	W2F0326-02	Ground Water	13-Jun-12 08:25	GS	13-Jun-2012
MDLA	W2F0326-03	Ground Water	13-Jun-12 09:15	GS	13-Jun-2012
TLWS	W2F0326-04	Ground Water	13-Jun-12 09:35	GS	13-Jun-2012
EASA	W2F0326-05	Ground Water	13-Jun-12 10:37	GS	13-Jun-2012
CHSA	W2F0326-06	Ground Water	13-Jun-12 11:35	GS	13-Jun-2012
OHMA	W2F0326-07	Ground Water	13-Jun-12 12:25	GS	13-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Client Sample ID: **MVT #1**
SVL Sample ID: **W2F0326-01 (Ground Water)**

Sampled: 13-Jun-12 07:25
Received: 13-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	30.1	mg/L	0.040	0.006		W225070	AS	06/26/12 21:07	
EPA 200.7	**Magnesium**	13.9	mg/L	0.060	0.013		W225070	AS	06/26/12 21:07	
EPA 200.7	**Potassium**	2.16	mg/L	0.50	0.08		W225070	AS	06/26/12 21:07	
EPA 200.7	**Sodium**	2.92	mg/L	0.50	0.07		W225070	AS	06/26/12 21:07	
EPA 200.8	**Arsenic**	0.0070	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:18	
EPA 200.8	**Uranium**	0.00184	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:18	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	122	mg/L	1.0	0.1		W224371	AAS	06/15/12 15:52	
SM 2320B/2310B	**Carbonate**	1.4	mg/L	1.0	0.1		W224371	AAS	06/15/12 15:52	
SM 2320B/2310B	**Total Alkalinity**	123	mg/L	1.0	0.1		W224371	AAS	06/15/12 15:52	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 12:54	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 21:10	
EPA 300.0	**Chloride**	3.99	mg/L	0.20	0.03		W226077	AEW	06/25/12 21:10	
EPA 300.0	**Sulfate as SO4**	10.5	mg/L	0.30	0.05		W226077	AEW	06/25/12 21:10	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Client Sample ID: **HAY #2**
SVL Sample ID: **W2F0326-02 (Ground Water)**

Sampled: 13-Jun-12 08:25
Received: 13-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	18.8	mg/L	0.040	0.006		W225070	AS	06/26/12 21:13	
EPA 200.7	**Magnesium**	3.09	mg/L	0.060	0.013		W225070	AS	06/26/12 21:13	
EPA 200.7	**Potassium**	1.13	mg/L	0.50	0.08		W225070	AS	06/26/12 21:13	
EPA 200.7	**Sodium**	2.00	mg/L	0.50	0.07		W225070	AS	06/26/12 21:13	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:20	
EPA 200.8	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:20	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	61.0	mg/L	1.0	0.1		W224371	AAS	06/15/12 15:58	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224371	AAS	06/15/12 15:58	
SM 2320B/2310B	**Total Alkalinity**	61.0	mg/L	1.0	0.1		W224371	AAS	06/15/12 15:58	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 13:41	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 22:05	
EPA 300.0	**Chloride**	1.50	mg/L	0.20	0.03		W226077	AEW	06/25/12 22:05	
EPA 300.0	**Sulfate as SO4**	2.14	mg/L	0.30	0.05		W226077	AEW	06/25/12 22:05	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Client Sample ID: **MDLA**
SVL Sample ID: **W2F0326-03 (Ground Water)**

Sampled: 13-Jun-12 09:15
Received: 13-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.1	mg/L	0.040	0.006		W225070	AS	06/26/12 21:25	
EPA 200.7	**Magnesium**	15.3	mg/L	0.060	0.013		W225070	AS	06/26/12 21:25	
EPA 200.7	**Potassium**	1.76	mg/L	0.50	0.08		W225070	AS	06/26/12 21:25	
EPA 200.7	**Sodium**	3.06	mg/L	0.50	0.07		W225070	AS	06/26/12 21:25	
EPA 200.8	**Arsenic**	0.0032	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:14	
EPA 200.8	**Uranium**	0.00338	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:14	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	132	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:03	
SM 2320B/2310B	**Carbonate**	2.6	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:03	
SM 2320B/2310B	**Total Alkalinity**	135	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:03	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 13:51	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 22:16	
EPA 300.0	**Chloride**	1.73	mg/L	0.20	0.03		W226077	AEW	06/25/12 22:16	
EPA 300.0	**Sulfate as SO4**	15.7	mg/L	0.30	0.05		W226077	AEW	06/25/12 22:16	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Client Sample ID: **TLWS**
SVL Sample ID: **W2F0326-04 (Ground Water)**

Sampled: 13-Jun-12 09:35
Received: 13-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	24.9	mg/L	0.040	0.006		W225070	AS	06/26/12 21:31	
EPA 200.7	**Magnesium**	7.52	mg/L	0.060	0.013		W225070	AS	06/26/12 21:31	
EPA 200.7	**Potassium**	1.35	mg/L	0.50	0.08		W225070	AS	06/26/12 21:31	
EPA 200.7	**Sodium**	2.68	mg/L	0.50	0.07		W225070	AS	06/26/12 21:31	
EPA 200.8	**Arsenic**	0.0057	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:21	
EPA 200.8	**Uranium**	0.00117	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:21	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	88.4	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:09	
SM 2320B/2310B	**Carbonate**	2.0	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:09	
SM 2320B/2310B	**Total Alkalinity**	90.4	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:09	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 14:06	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 22:27	
EPA 300.0	**Chloride**	2.17	mg/L	0.20	0.03		W226077	AEW	06/25/12 22:27	
EPA 300.0	**Sulfate as SO4**	7.45	mg/L	0.30	0.05		W226077	AEW	06/25/12 22:27	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Client Sample ID: **EASA**
SVL Sample ID: **W2F0326-05 (Ground Water)**

Sampled: 13-Jun-12 10:37
Received: 13-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	20.2	mg/L	0.040	0.006		W225070	AS	06/26/12 21:37	
EPA 200.7	**Magnesium**	7.50	mg/L	0.060	0.013		W225070	AS	06/26/12 21:37	
EPA 200.7	**Potassium**	1.26	mg/L	0.50	0.08		W225070	AS	06/26/12 21:37	
EPA 200.7	**Sodium**	2.57	mg/L	0.50	0.07		W225070	AS	06/26/12 21:37	
EPA 200.8	**Arsenic**	0.0056	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:22	
EPA 200.8	**Uranium**	0.00112	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:22	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	78.0	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:15	
SM 2320B/2310B	**Carbonate**	1.7	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:15	
SM 2320B/2310B	**Total Alkalinity**	79.7	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:15	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 14:16	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 22:38	
EPA 300.0	**Chloride**	1.89	mg/L	0.20	0.03		W226077	AEW	06/25/12 22:38	
EPA 300.0	**Sulfate as SO4**	5.78	mg/L	0.30	0.05		W226077	AEW	06/25/12 22:38	

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John Kern
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IDEQ Coeur d'Alene Regional Office
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Inv
Work Order: **W2F0326**
Reported: 27-Jun-12 1

Client Sample ID: **CHSA**
SVL Sample ID: **W2F0326-06 (Ground Water)**

Sampled: 13-Jun-12 11:3
Received: 13-Jun-12
Sampled By: GS

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Note
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	39.4	mg/L	0.040	0.006		W225070	AS	06/26/12 21:42	
EPA 200.7	**Magnesium**	6.44	mg/L	0.060	0.013		W225070	AS	06/26/12 21:42	
EPA 200.7	**Potassium**	2.31	mg/L	0.50	0.08		W225070	AS	06/26/12 21:42	
EPA 200.8	**Sodium**	4.46	mg/L	0.50	0.07		W225070	AS	06/26/12 21:42	
EPA 200.8	**Arsenic**	0.0039	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:27	
	Uranium	< 0.00100	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:27	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	108	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:19	
SM 2320B/2310B	**Carbonate**	2.4	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:19	
SM 2320B/2310B	**Total Alkalinity**	110	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:19	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 14:26	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 22:49	
EPA 300.0	**Chloride**	14.5	mg/L	1.00	0.16	5	W226077	AEW	06/26/12 11:37	D2
EPA 300.0	**Sulfate as SO4**	4.05	mg/L	0.30	0.05		W226077	AEW	06/25/12 22:49	

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John Kern
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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Client Sample ID: **OHMA**
SVL Sample ID: **W2F0326-07 (Ground Water)**

Sampled: 13-Jun-12 12:25
Received: 13-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	85.2	mg/L	0.040	0.006		W225070	AS	06/26/12 21:48	
EPA 200.7	**Magnesium**	15.7	mg/L	0.060	0.013		W225070	AS	06/26/12 21:48	
EPA 200.7	**Potassium**	4.35	mg/L	0.50	0.08		W225070	AS	06/26/12 21:48	
EPA 200.7	**Sodium**	4.77	mg/L	0.50	0.07		W225070	AS	06/26/12 21:48	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W224324	KWH	06/27/12 11:28	
EPA 200.8	**Uranium**	0.00135	mg/L	0.00100	0.000010	2.5	W224324	KWH	06/27/12 11:28	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	234	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:24	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:24	
SM 2320B/2310B	**Total Alkalinity**	234	mg/L	1.0	0.1		W224371	AAS	06/15/12 16:24	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225428	NCS	06/25/12 14:36	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226077	AEW	06/25/12 23:00	
EPA 300.0	**Chloride**	25.4	mg/L	1.00	0.16	5	W226077	AEW	06/26/12 11:48	D2
EPA 300.0	**Sulfate as SO4**	7.58	mg/L	0.30	0.05		W226077	AEW	06/25/12 23:00	

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John Kern
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IDEQ Coeur d'Alene Regional Office
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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W224324	27-Jun-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W224324	27-Jun-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W225428	25-Jun-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W226077	25-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W226077	25-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W226077	25-Jun-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.3	20.0	101	85 - 115	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	19.8	20.0	98.9	85 - 115	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.6	85 - 115	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	18.5	19.0	97.6	85 - 115	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0242	0.0250	96.9	85 - 115	W224324	27-Jun-12	
EPA 200.8	Uranium	mg/L	0.0256	0.0250	102	85 - 115	W224324	27-Jun-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	67.1	66.7	101	80 - 120	W225428	25-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.03	3.00	101	90 - 110	W226077	25-Jun-12	
EPA 300.0	Bromide	mg/L	4.11	4.00	103	90 - 110	W226077	25-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.6	10.0	106	90 - 110	W226077	25-Jun-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	29.2	29.5	1.1	20	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	12.8	12.9	0.7	20	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	1.82	1.82	0.4	20	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	3.48	3.51	0.8	20	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0030	0.0032	7.1	20	W224324	27-Jun-12	
EPA 200.8	Uranium	mg/L	0.00337	0.00338	0.3	20	W224324	27-Jun-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	121	123	2.1	20	W224371	15-Jun-12	
SM 2320B/2310B	Total Alkalinity	mg/L	408	409	0.3	20	W224371	15-Jun-12	

SVL ANALYTICAL
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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Bicarbonate	mg/L	121	122	0.9	20	W224371	15-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	408	409	0.3	20	W224371	15-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	1.4	UDL	20	W224371	15-Jun-12	R2
SM 5310B	Total Organic Carbon	mg/L	<1.00	<1.00	<RL	20	W225428	25-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	4.00	3.99	0.1	20	W226077	25-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W226077	25-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.5	10.5	0.1	20	W226077	25-Jun-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	50.1	29.5	20.0	103	70 - 130	W225070	26-Jun-12	
EPA 200.7	Calcium	mg/L	39.5	18.8	20.0	104	70 - 130	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	32.7	12.9	20.0	99.0	70 - 130	W225070	26-Jun-12	
EPA 200.7	Magnesium	mg/L	23.3	3.09	20.0	101	70 - 130	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	21.9	1.82	20.0	100	70 - 130	W225070	26-Jun-12	
EPA 200.7	Potassium	mg/L	21.4	1.13	20.0	101	70 - 130	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	22.3	3.51	19.0	98.8	70 - 130	W225070	26-Jun-12	
EPA 200.7	Sodium	mg/L	20.8	2.00	19.0	98.8	70 - 130	W225070	26-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0282	0.0032	0.0250	99.9	70 - 130	W224324	27-Jun-12	
EPA 200.8	Uranium	mg/L	0.0282	0.00338	0.0250	99.1	70 - 130	W224324	27-Jun-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.8	<1.00	50.0	103	75 - 125	W225428	25-Jun-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	7.29	3.99	3.00	110	90 - 110	W226077	25-Jun-12	
EPA 300.0	Chloride	mg/L	28.4	25.4	3.00	100	90 - 110	W226077	26-Jun-12	D2,M3
EPA 300.0	Bromide	mg/L	4.16	<0.10	4.00	104	90 - 110	W226077	25-Jun-12	
EPA 300.0	Bromide	mg/L	4.08	<0.10	4.00	101	90 - 110	W226077	25-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	21.4	10.5	10.0	109	90 - 110	W226077	25-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	18.0	7.58	10.0	104	90 - 110	W226077	25-Jun-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0326**
Reported: 27-Jun-12 13:36

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
R2	RPD exceeded the laboratory acceptance limit.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
HVWS	W2F0365-01	Ground Water	14-Jun-12 08:10	GS	14-Jun-2012
BTRE	W2F0365-02	Ground Water	14-Jun-12 09:10	GS	14-Jun-2012
RAES	W2F0365-03	Ground Water	14-Jun-12 11:45	GS	14-Jun-2012
LPDO	W2F0365-04	Ground Water	14-Jun-12 12:45	GS	14-Jun-2012
LHAY	W2F0365-05	Ground Water	14-Jun-12 13:30	GS	14-Jun-2012
LCDA	W2F0365-06	Ground Water	14-Jun-12 14:05	GS	14-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Client Sample ID: **HVWS**
SVL Sample ID: **W2F0365-01 (Ground Water)**

Sampled: 14-Jun-12 08:10
Received: 14-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	35.3	mg/L	0.040	0.006		W225098	TJK	06/28/12 12:00	
EPA 200.7	**Magnesium**	20.9	mg/L	0.060	0.013		W225098	TJK	06/28/12 12:00	
EPA 200.7	**Potassium**	1.91	mg/L	0.50	0.08		W225098	TJK	06/28/12 12:00	
EPA 200.7	**Sodium**	2.80	mg/L	0.50	0.07		W225098	AS	06/28/12 15:27	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W225019	DT	07/02/12 13:33	
EPA 200.8	**Uranium**	0.00441	mg/L	0.00100	0.000010	2.5	W225019	DT	07/02/12 13:33	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	161	mg/L	1.0	0.1		W225143	DKS	06/19/12 11:56	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W225143	DKS	06/19/12 11:56	
SM 2320B/2310B	**Total Alkalinity**	161	mg/L	1.0	0.1		W225143	DKS	06/19/12 11:56	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225429	NCS	06/25/12 16:57	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226110	AEW	06/26/12 16:46	
EPA 300.0	**Chloride**	1.36	mg/L	0.20	0.03		W226110	AEW	06/26/12 16:46	
EPA 300.0	**Sulfate as SO4**	18.9	mg/L	0.30	0.05		W226110	AEW	06/26/12 16:46	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.65 meq/L Anion Sum: 3.65 meq/L C/A Balance: 0.05 %

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John Kern
Laboratory Director

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Client Sample ID: **BTRE**
SVL Sample ID: **W2F0365-02 (Ground Water)**

Sampled: 14-Jun-12 09:10
Received: 14-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.2	mg/L	0.040	0.006		W225098	TJK	06/28/12 12:06	
EPA 200.7	**Magnesium**	11.2	mg/L	0.060	0.013		W225098	TJK	06/28/12 12:06	
EPA 200.7	**Potassium**	1.68	mg/L	0.50	0.08		W225098	TJK	06/28/12 12:06	
EPA 200.7	**Sodium**	2.80	mg/L	0.50	0.07		W225098	AS	06/28/12 15:33	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W225019	DT	07/02/12 13:46	
EPA 200.8	**Uranium**	0.00241	mg/L	0.00100	0.000010	2.5	W225019	DT	07/02/12 13:46	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	133	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:03	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:03	
SM 2320B/2310B	**Total Alkalinity**	133	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:03	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225429	NCS	06/25/12 17:07	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226110	AEW	06/26/12 17:07	
EPA 300.0	**Chloride**	1.94	mg/L	0.20	0.03		W226110	AEW	06/26/12 17:07	
EPA 300.0	**Sulfate as SO4**	5.51	mg/L	0.30	0.05		W226110	AEW	06/26/12 17:07	

Cation/Anion Balance and TDS Ratios

Cation Sum: 2.74 meq/L Anion Sum: 2.83 meq/L C/A Balance: -1.50 %

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Client Sample ID: **RAES**
SVL Sample ID: **W2F0365-03 (Ground Water)**

Sampled: 14-Jun-12 11:45
Received: 14-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	38.1	mg/L	0.040	0.006		W225098	TJK	06/28/12 12:12	
EPA 200.7	**Magnesium**	20.0	mg/L	0.060	0.013		W225098	TJK	06/28/12 12:12	
EPA 200.7	**Potassium**	1.66	mg/L	0.50	0.08		W225098	TJK	06/28/12 12:12	
EPA 200.7	**Sodium**	2.25	mg/L	0.50	0.07		W225098	AS	06/28/12 15:49	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W225019	DT	07/02/12 13:51	
EPA 200.8	**Uranium**	0.00265	mg/L	0.00100	0.000010	2.5	W225019	DT	07/02/12 13:51	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	176	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:08	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:08	
SM 2320B/2310B	**Total Alkalinity**	176	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:08	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W225429	NCS	06/25/12 17:16	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226110	AEW	06/26/12 17:17	
EPA 300.0	**Chloride**	2.63	mg/L	0.20	0.03		W226110	AEW	06/26/12 17:17	
EPA 300.0	**Sulfate as SO4**	8.11	mg/L	0.30	0.05		W226110	AEW	06/26/12 17:17	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.69 meq/L Anion Sum: 3.76 meq/L C/A Balance: -0.97 %

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Client Sample ID: **LPDO**
SVL Sample ID: **W2F0365-04 (Ground Water)**

Sampled: 14-Jun-12 12:45
Received: 14-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	21.6	mg/L	0.040	0.006		W225098	TJK	06/28/12 12:18	
EPA 200.7	**Magnesium**	5.94	mg/L	0.060	0.013		W225098	TJK	06/28/12 12:18	
EPA 200.7	**Potassium**	0.67	mg/L	0.50	0.08		W225098	TJK	06/28/12 12:18	
EPA 200.7	**Sodium**	2.58	mg/L	0.50	0.07		W225098	AS	06/28/12 15:54	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	80.8	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:18	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:18	
SM 2320B/2310B	**Total Alkalinity**	80.8	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:18	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.07	mg/L	0.20	0.03		W226110	AEW	06/26/12 17:28	
EPA 300.0	**Sulfate as SO4**	5.44	mg/L	0.30	0.05		W226110	AEW	06/26/12 17:28	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 1.70 meq/L Anion Sum: 1.76 meq/L C/A Balance: -1.79 %

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Client Sample ID: **LHAY**
SVL Sample ID: **W2F0365-05 (Ground Water)**

Sampled: 14-Jun-12 13:30
Received: 14-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	6.53	mg/L	0.040	0.006		W225098	TJK	06/28/12 12:24	
EPA 200.7	**Magnesium**	2.01	mg/L	0.060	0.013		W225098	TJK	06/28/12 12:24	
EPA 200.7	**Potassium**	0.97	mg/L	0.50	0.08		W225098	TJK	06/28/12 12:24	
EPA 200.7	**Sodium**	2.03	mg/L	0.50	0.07		W225098	AS	06/28/12 16:00	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	27.6	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:23	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:23	
SM 2320B/2310B	**Total Alkalinity**	27.6	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:23	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.45	mg/L	0.20	0.03		W226110	AEW	06/26/12 17:38	
EPA 300.0	**Sulfate as SO4**	1.70	mg/L	0.30	0.05		W226110	AEW	06/26/12 17:38	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 0.60 meq/L Anion Sum: 0.63 meq/L C/A Balance: -1.90 %

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Client Sample ID: **LCDA**
SVL Sample ID: **W2F0365-06 (Ground Water)**

Sampled: 14-Jun-12 14:05
Received: 14-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	4.51	mg/L	0.040	0.006		W225098	TJK	06/28/12 12:30	
EPA 200.7	**Magnesium**	1.38	mg/L	0.060	0.013		W225098	TJK	06/28/12 12:30	
EPA 200.7	**Potassium**	0.57	mg/L	0.50	0.08		W225098	TJK	06/28/12 12:30	
EPA 200.7	**Sodium**	1.56	mg/L	0.50	0.07		W225098	AS	06/28/12 16:06	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	16.2	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:58	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:58	
SM 2320B/2310B	**Total Alkalinity**	16.2	mg/L	1.0	0.1		W225143	DKS	06/19/12 12:58	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	0.83	mg/L	0.20	0.03		W226110	AEW	06/26/12 17:49	
EPA 300.0	**Sulfate as SO4**	2.57	mg/L	0.30	0.05		W226110	AEW	06/26/12 17:49	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 0.42 meq/L Anion Sum: 0.40 meq/L C/A Balance: 2.49 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W225098	28-Jun-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W225098	28-Jun-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W225098	28-Jun-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W225098	28-Jun-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W225019	02-Jul-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W225019	02-Jul-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W225429	25-Jun-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W226110	26-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W226110	26-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W226110	26-Jun-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.7	20.0	98.6	85 - 115	W225098	28-Jun-12	
EPA 200.7	Magnesium	mg/L	19.6	20.0	97.8	85 - 115	W225098	28-Jun-12	
EPA 200.7	Potassium	mg/L	19.3	20.0	96.3	85 - 115	W225098	28-Jun-12	
EPA 200.7	Sodium	mg/L	17.4	19.0	91.8	85 - 115	W225098	28-Jun-12	
EPA 200.8	Arsenic	mg/L	0.0274	0.0250	109	85 - 115	W225019	02-Jul-12	
EPA 200.8	Uranium	mg/L	0.0221	0.0250	88.5	85 - 115	W225019	02-Jul-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	67.0	66.7	100	80 - 120	W225429	25-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.96	3.00	98.8	90 - 110	W226110	26-Jun-12	
EPA 300.0	Bromide	mg/L	4.03	4.00	101	90 - 110	W226110	26-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.5	10.0	105	90 - 110	W226110	26-Jun-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	93.1	94.0	1.0	20	W225098	28-Jun-12	
EPA 200.7	Magnesium	mg/L	7.30	7.27	0.4	20	W225098	28-Jun-12	
EPA 200.7	Potassium	mg/L	17.3	17.4	0.4	20	W225098	28-Jun-12	
EPA 200.7	Sodium	mg/L	15.5	15.7	1.0	20	W225098	28-Jun-12	
EPA 200.8	Arsenic	mg/L	<0.0030	<0.0030	<RL	20	W225019	02-Jul-12	
EPA 200.8	Uranium	mg/L	0.00442	0.00441	0.1	20	W225019	02-Jul-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	161	161	0.2	20	W225143	19-Jun-12	
SM 2320B/2310B	Total Alkalinity	mg/L	468	460	1.8	20	W225143	19-Jun-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Bicarbonate	mg/L	161	161	0.2	20	W225143	19-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	468	460	1.8	20	W225143	19-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W225143	19-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W225143	19-Jun-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	<1.00	<RL	20	W225429	25-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	10.4	10.4	0.1	20	W226110	26-Jun-12	
EPA 300.0	Bromide	mg/L	0.10	0.11	16.9	20	W226110	26-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	35.9	35.9	0.2	20	W226110	26-Jun-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	113	94.0	20.0	95.2	70 - 130	W225098	28-Jun-12	M3
EPA 200.7	Calcium	mg/L	858	843	20.0	78.0	70 - 130	W225098	28-Jun-12	D2,M3
EPA 200.7	Magnesium	mg/L	27.7	7.27	20.0	102	70 - 130	W225098	28-Jun-12	
EPA 200.7	Magnesium	mg/L	103	84.3	20.0	94.2	70 - 130	W225098	28-Jun-12	M3
EPA 200.7	Potassium	mg/L	36.9	17.4	20.0	97.7	70 - 130	W225098	28-Jun-12	
EPA 200.7	Potassium	mg/L	40.8	17.3	20.0	118	70 - 130	W225098	28-Jun-12	
EPA 200.7	Sodium	mg/L	34.7	15.7	19.0	100	70 - 130	W225098	28-Jun-12	
EPA 200.7	Sodium	mg/L	1390	1380	19.0	R > 4S	70 - 130	W225098	28-Jun-12	D2,M3
EPA 200.8	Arsenic	mg/L	0.0273	<0.0030	0.0250	102	70 - 130	W225019	02-Jul-12	
EPA 200.8	Uranium	mg/L	0.0298	0.00441	0.0250	102	70 - 130	W225019	02-Jul-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	52.1	<1.00	50.0	103	75 - 125	W225429	25-Jun-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	11.8	10.4	3.00	45.2	90 - 110	W226110	26-Jun-12	D2,M2
EPA 300.0	Chloride	mg/L	4.20	1.36	3.00	94.6	90 - 110	W226110	26-Jun-12	
EPA 300.0	Bromide	mg/L	3.90	0.11	4.00	94.6	90 - 110	W226110	26-Jun-12	
EPA 300.0	Bromide	mg/L	3.89	<0.10	4.00	97.3	90 - 110	W226110	26-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	45.9	35.9	10.0	99.2	90 - 110	W226110	26-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	29.4	18.9	10.0	104	90 - 110	W226110	26-Jun-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0365**
Reported: 02-Jul-12 16:13

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0427**
Reported: 09-Jul-12 15:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
DIBE	W2F0427-01	Ground Water	18-Jun-12 08:45	GS	18-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0427**
Reported: 09-Jul-12 15:41

Client Sample ID: **DIBE**
SVL Sample ID: **W2F0427-01 (Ground Water)**

Sampled: 18-Jun-12 08:45
Received: 18-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.4	mg/L	0.040	0.006		W225195	TJK	07/03/12 12:47	
EPA 200.7	**Magnesium**	22.9	mg/L	0.060	0.013		W225195	AS	07/04/12 11:01	
EPA 200.7	**Potassium**	2.14	mg/L	0.50	0.08		W225195	TJK	07/03/12 12:47	
EPA 200.7	**Sodium**	2.62	mg/L	0.50	0.07		W225195	TJK	07/03/12 12:47	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W225212	DT	07/06/12 11:47	
EPA 200.8	**Uranium**	0.00439	mg/L	0.00100	0.000010	2.5	W225212	DT	07/06/12 12:24	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	171	mg/L	1.0	0.5		W225289	AAS	06/25/12 10:03	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.5		W225289	AAS	06/25/12 10:03	
SM 2320B/2310B	**Total Alkalinity**	171	mg/L	1.0	0.5		W225289	AAS	06/25/12 10:03	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W226116	SM	06/26/12 16:49	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W226309	AEW	06/28/12 19:25	
EPA 300.0	**Chloride**	1.33	mg/L	0.20	0.03		W226309	AEW	06/28/12 19:25	
EPA 300.0	**Sulfate as SO4**	17.7	mg/L	0.30	0.05		W226309	AEW	06/28/12 19:25	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
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Project Name: RPA Ground Water Investigation
Work Order: **W2F0427**
Reported: 09-Jul-12 15:41

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W225195	03-Jul-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W225195	04-Jul-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W225195	03-Jul-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W225195	03-Jul-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W225212	06-Jul-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W226116	26-Jun-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W226309	28-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W226309	28-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W226309	28-Jun-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.2	20.0	96.1	85 - 115	W225195	03-Jul-12	
EPA 200.7	Magnesium	mg/L	19.9	20.0	99.6	85 - 115	W225195	04-Jul-12	
EPA 200.7	Potassium	mg/L	20.0	20.0	100	85 - 115	W225195	03-Jul-12	
EPA 200.7	Sodium	mg/L	19.6	19.0	103	85 - 115	W225195	03-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0245	0.0250	98.0	85 - 115	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	0.0246	0.0250	98.5	85 - 115	W225212	06-Jul-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	68.5	66.7	103	80 - 120	W226116	26-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.09	3.00	103	90 - 110	W226309	28-Jun-12	
EPA 300.0	Bromide	mg/L	4.16	4.00	104	90 - 110	W226309	28-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.7	10.0	107	90 - 110	W226309	28-Jun-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	33.2	33.4	0.7	20	W225195	03-Jul-12	
EPA 200.7	Magnesium	mg/L	22.8	22.9	0.3	20	W225195	04-Jul-12	
EPA 200.7	Potassium	mg/L	2.14	2.14	0.3	20	W225195	03-Jul-12	
EPA 200.7	Sodium	mg/L	2.61	2.62	0.4	20	W225195	03-Jul-12	
EPA 200.8	Arsenic	mg/L	<0.0030	<0.0030	UDL	20	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	<0.00100	<0.00100	UDL	20	W225212	06-Jul-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	10.9	11.1	1.6	20	W225289	25-Jun-12	
SM 2320B/2310B	Total Alkalinity	mg/L	498	501	0.6	20	W225289	25-Jun-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0427**
Reported: 09-Jul-12 15:41

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Bicarbonate	mg/L	10.9	11.1	1.6	20	W225289	25-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	498	501	0.6	20	W225289	25-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W225289	25-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W225289	25-Jun-12	
SM 5310B	Total Organic Carbon	mg/L	5.45	5.32	2.4	20	W226116	26-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	15.4	15.4	0.6	20	W226309	28-Jun-12	D2
EPA 300.0	Bromide	mg/L	<0.50	<0.50	<RL	20	W226309	28-Jun-12	D1
EPA 300.0	Sulfate as SO4	mg/L	1950	2000	2.4	20	W226309	28-Jun-12	D2

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	51.6	33.4	20.0	91.1	70 - 130	W225195	03-Jul-12	
EPA 200.7	Magnesium	mg/L	40.9	22.9	20.0	89.8	70 - 130	W225195	04-Jul-12	
EPA 200.7	Potassium	mg/L	22.1	2.14	20.0	100	70 - 130	W225195	03-Jul-12	
EPA 200.7	Sodium	mg/L	22.1	2.62	19.0	103	70 - 130	W225195	03-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0230	<0.0030	0.0250	90.7	70 - 130	W225212	06-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0275	<0.0030	0.0250	99.0	70 - 130	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	0.0244	<0.00100	0.0250	97.7	70 - 130	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	0.0260	<0.00100	0.0250	101	70 - 130	W225212	06-Jul-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	56.8	5.32	50.0	103	75 - 125	W226116	26-Jun-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	18.1	15.4	3.00	R > 4S	90 - 110	W226309	28-Jun-12	D2,M3
EPA 300.0	Chloride	mg/L	4.39	1.33	3.00	102	90 - 110	W226309	28-Jun-12	
EPA 300.0	Bromide	mg/L	4.54	<0.50	4.00	109	90 - 110	W226309	28-Jun-12	D1
EPA 300.0	Bromide	mg/L	4.11	<0.10	4.00	103	90 - 110	W226309	28-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	1950	2000	10.0	R > 4S	90 - 110	W226309	28-Jun-12	D2,M3
EPA 300.0	Sulfate as SO4	mg/L	28.6	17.7	10.0	109	90 - 110	W226309	28-Jun-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0427**
Reported: 09-Jul-12 15:41

Notes and Definitions

D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analyte.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0456**
Reported: 09-Jul-12 14:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
ALPWS	W2F0456-01	Ground Water	19-Jun-12 10:20	GS	19-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

(Q6) SVL received the following containers outside of published EPA guidelines for preservation temperatures (0-6°C).
The guidelines do not pertain to nitric-preserved metals.

Default Cooler (Received Temperature: 7.0°C)

Labnumber	Container	Client ID	Labnumber	Container	Client ID
W2F0456-01 A	Raw HDPE	ALPWS	W2F0456-01 B	Raw HDPE	ALPWS
W2F0456-01 C	Raw HDPE	ALPWS	W2F0456-01 D	Nitric HDPE	ALPWS
W2F0456-01 E	HCl VOA glass	ALPWS	W2F0456-01 F	HCl VOA glass	ALPWS
W2F0456-01 G	Sulfuric Amber VOA	ALPWS	W2F0456-01 H	Sulfuric Amber VOA	ALPWS
W2F0456-01 I	Amber Glass w/ Na2S203	ALPWS			

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0456**
Reported: 09-Jul-12 14:20

Client Sample ID: **ALPWS**
SVL Sample ID: **W2F0456-01 (Ground Water)**

Sampled: 19-Jun-12 10:20
Received: 19-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	41.3	mg/L	0.040	0.006		W225346	AS	07/05/12 12:49	
EPA 200.7	**Magnesium**	8.77	mg/L	0.060	0.013		W225346	AS	07/05/12 12:49	
EPA 200.7	**Potassium**	2.34	mg/L	0.50	0.08		W225346	TJK	07/05/12 14:55	
EPA 200.7	**Sodium**	2.49	mg/L	0.50	0.07		W225346	AS	07/05/12 12:49	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W225212	DT	07/06/12 12:08	
EPA 200.8	Uranium	0.00100	mg/L	0.00100	0.000010	2.5	W225212	DT	07/06/12 12:42	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	138	mg/L	1.0	0.5		W225289	AAS	06/25/12 10:09	
SM 2320B/2310B	Carbonate	1.0	mg/L	1.0	0.5		W225289	AAS	06/25/12 10:09	
SM 2320B/2310B	**Total Alkalinity**	139	mg/L	1.0	0.5		W225289	AAS	06/25/12 10:09	
SM 5310B	Total Organic Carbon	1.00	mg/L	1.00	0.27		W226354	SM	06/29/12 13:24	
Anions by Ion Chromatography										
EPA 300.0	Bromide	0.10	mg/L	0.10	0.02		W226365	AEW	06/29/12 13:52	
EPA 300.0	**Chloride**	3.69	mg/L	0.20	0.03		W226365	AEW	06/29/12 13:52	
EPA 300.0	**Sulfate as SO4**	4.13	mg/L	0.30	0.05		W226365	AEW	06/29/12 13:52	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 2.95 meq/L Anion Sum: 2.97 meq/L C/A Balance: -0.28 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0456**
Reported: 09-Jul-12 14:20

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W225346	05-Jul-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W225346	05-Jul-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W225346	05-Jul-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W225346	05-Jul-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W225212	06-Jul-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W226354	29-Jun-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W226365	29-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W226365	29-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W226365	29-Jun-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.2	20.0	96.0	85 - 115	W225346	05-Jul-12	
EPA 200.7	Magnesium	mg/L	19.5	20.0	97.3	85 - 115	W225346	05-Jul-12	
EPA 200.7	Potassium	mg/L	20.0	20.0	99.8	85 - 115	W225346	05-Jul-12	
EPA 200.7	Sodium	mg/L	18.1	19.0	95.2	85 - 115	W225346	05-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0245	0.0250	98.0	85 - 115	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	0.0246	0.0250	98.5	85 - 115	W225212	06-Jul-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	73.5	66.7	110	80 - 120	W226354	29-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.95	3.00	98.5	90 - 110	W226365	29-Jun-12	
EPA 300.0	Bromide	mg/L	4.24	4.00	106	90 - 110	W226365	29-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	10.4	10.0	104	90 - 110	W226365	29-Jun-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	40.9	41.3	0.8	20	W225346	05-Jul-12	
EPA 200.7	Magnesium	mg/L	8.69	8.77	0.9	20	W225346	05-Jul-12	
EPA 200.7	Potassium	mg/L	2.38	2.34	1.6	20	W225346	05-Jul-12	
EPA 200.7	Sodium	mg/L	2.47	2.49	1.0	20	W225346	05-Jul-12	
EPA 200.8	Arsenic	mg/L	<0.0030	<0.0030	UDL	20	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	<0.00100	<0.00100	UDL	20	W225212	06-Jul-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	10.9	11.1	1.6	20	W225289	25-Jun-12	
SM 2320B/2310B	Total Alkalinity	mg/L	498	501	0.6	20	W225289	25-Jun-12	

SVL holds the following certifications:
AZ:0538, **CA**:2080, **FL(NELAC)**:E87993, **ID**:ID00019 & ID00965 (Microbiology), **NV**:ID000192007A, **WA**:1268

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Project Name: RPA Ground Water Investigation
Work Order: **W2F0456**
Reported: 09-Jul-12 14:20

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Bicarbonate	mg/L	10.9	11.1	1.6	20	W225289	25-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	498	501	0.6	20	W225289	25-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W225289	25-Jun-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W225289	25-Jun-12	
SM 5310B	Total Organic Carbon	mg/L	4.15	4.77	13.8	20	W226354	29-Jun-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	<0.20	<0.20	<RL	20	W226365	29-Jun-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W226365	29-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	32.2	32.2	0.1	20	W226365	29-Jun-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	61.8	41.3	20.0	103	70 - 130	W225346	05-Jul-12	
EPA 200.7	Calcium	mg/L	27.0	8.05	20.0	94.8	70 - 130	W225346	05-Jul-12	
EPA 200.7	Magnesium	mg/L	28.6	8.77	20.0	99.1	70 - 130	W225346	05-Jul-12	
EPA 200.7	Magnesium	mg/L	21.3	2.30	20.0	94.9	70 - 130	W225346	05-Jul-12	
EPA 200.7	Potassium	mg/L	23.1	2.34	20.0	104	70 - 130	W225346	05-Jul-12	
EPA 200.7	Potassium	mg/L	21.6	1.12	20.0	102	70 - 130	W225346	05-Jul-12	
EPA 200.7	Sodium	mg/L	21.4	2.49	19.0	99.5	70 - 130	W225346	05-Jul-12	
EPA 200.7	Sodium	mg/L	27.5	9.39	19.0	95.2	70 - 130	W225346	05-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0230	<0.0030	0.0250	90.7	70 - 130	W225212	06-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0275	<0.0030	0.0250	99.0	70 - 130	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	0.0244	<0.00100	0.0250	97.7	70 - 130	W225212	06-Jul-12	
EPA 200.8	Uranium	mg/L	0.0260	<0.00100	0.0250	101	70 - 130	W225212	06-Jul-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	54.8	4.77	50.0	100	75 - 125	W226354	29-Jun-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	2.98	<0.20	3.00	96.5	90 - 110	W226365	29-Jun-12	
EPA 300.0	Chloride	mg/L	6.77	3.69	3.00	103	90 - 110	W226365	29-Jun-12	
EPA 300.0	Bromide	mg/L	4.11	<0.10	4.00	103	90 - 110	W226365	29-Jun-12	
EPA 300.0	Bromide	mg/L	4.23	<0.10	4.00	106	90 - 110	W226365	29-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	43.2	32.2	10.0	109	90 - 110	W226365	29-Jun-12	
EPA 300.0	Sulfate as SO4	mg/L	14.4	4.13	10.0	102	90 - 110	W226365	29-Jun-12	

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2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0456**
Reported: 09-Jul-12 14:20

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0654**
Reported: 12-Jul-12 09:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
HWY54	W2F0654-01	Ground Water	26-Jun-12 10:40	GS	26-Jun-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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2110 N. Ironwood Pkwy.
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Project Name: RPA Ground Water Investigation
Work Order: **W2F0654**
Reported: 12-Jul-12 09:21

Client Sample ID: **HWY54**
SVL Sample ID: **W2F0654-01 (Ground Water)**

Sampled: 26-Jun-12 10:40
Received: 26-Jun-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	30.8	mg/L	0.040	0.006		W226276	TJK	07/11/12 14:07	
EPA 200.7	**Magnesium**	12.3	mg/L	0.060	0.013		W226276	TJK	07/11/12 14:07	
EPA 200.7	**Potassium**	1.37	mg/L	0.50	0.08		W226276	TJK	07/11/12 14:07	
EPA 200.7	**Sodium**	2.83	mg/L	0.50	0.07		W226276	TJK	07/11/12 14:07	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W227114	KWH	07/11/12 09:57	
EPA 200.8	**Uranium**	0.00166	mg/L	0.00100	0.000010	2.5	W227114	KWH	07/11/12 09:57	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	130	mg/L	1.0	0.5		W226241	AAS	06/28/12 09:59	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0	0.5		W226241	AAS	06/28/12 09:59	
SM 2320B/2310B	**Total Alkalinity**	130	mg/L	1.0	0.5		W226241	AAS	06/28/12 09:59	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W226361	SM	07/03/12 14:39	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W227093	AEW	07/04/12 20:31	
EPA 300.0	**Chloride**	1.26	mg/L	0.20	0.03		W227093	AEW	07/04/12 20:31	
EPA 300.0	**Sulfate as SO4**	10.8	mg/L	0.30	0.05		W227093	AEW	07/04/12 20:31	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0654**
Reported: 12-Jul-12 09:21

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W226276	11-Jul-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.013	0.060	W226276	11-Jul-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W226276	11-Jul-12	
EPA 200.7	Sodium	mg/L	<0.50	0.07	0.50	W226276	11-Jul-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W227114	11-Jul-12	
EPA 200.8	Uranium	mg/L	<0.00100	0.000010	0.00100	W227114	11-Jul-12	
Classical Chemistry Parameters								
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W226361	03-Jul-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W227093	04-Jul-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W227093	04-Jul-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W227093	04-Jul-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	18.9	20.0	94.7	85 - 115	W226276	11-Jul-12	
EPA 200.7	Magnesium	mg/L	18.4	20.0	91.8	85 - 115	W226276	11-Jul-12	
EPA 200.7	Potassium	mg/L	18.3	20.0	91.5	85 - 115	W226276	11-Jul-12	
EPA 200.7	Sodium	mg/L	16.7	19.0	87.9	85 - 115	W226276	11-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0235	0.0250	94.1	85 - 115	W227114	11-Jul-12	
EPA 200.8	Uranium	mg/L	0.0239	0.0250	95.8	85 - 115	W227114	11-Jul-12	
Classical Chemistry Parameters									
SM 5310B	Total Organic Carbon	mg/L	70.3	66.7	105	80 - 120	W226361	03-Jul-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.87	3.00	95.7	90 - 110	W227093	04-Jul-12	
EPA 300.0	Bromide	mg/L	4.12	4.00	103	90 - 110	W227093	04-Jul-12	
EPA 300.0	Sulfate as SO4	mg/L	9.96	10.0	99.6	90 - 110	W227093	04-Jul-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	1.31	1.33	1.8	20	W226276	11-Jul-12	
EPA 200.7	Magnesium	mg/L	0.507	0.520	2.5	20	W226276	11-Jul-12	
EPA 200.7	Potassium	mg/L	<0.50	<0.50	<RL	20	W226276	11-Jul-12	
EPA 200.7	Sodium	mg/L	0.71	0.75	4.6	20	W226276	11-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0163	0.0157	3.6	20	W227114	11-Jul-12	
EPA 200.8	Uranium	mg/L	0.00142	0.00142	0.0	20	W227114	11-Jul-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	128	127	0.6	20	W226241	28-Jun-12	
SM 2320B/2310B	Bicarbonate	mg/L	128	127	0.6	20	W226241	28-Jun-12	

SVL holds the following certifications:
AZ:0538, **CA**:2080, **FL(NELAC)**:E87993, **ID**:ID00019 & ID00965 (Microbiology), **NV**:ID000192007A, **WA**:1268

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IDEQ Coeur d'Alene Regional Office
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Project Name: RPA Ground Water Investigation
Work Order: **W2F0654**
Reported: 12-Jul-12 09:21

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters (Continued)									
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W226241	28-Jun-12	
SM 5310B	Total Organic Carbon	mg/L	3.91	3.99	2.1	20	W226361	03-Jul-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	1.22	1.26	2.8	20	W227093	04-Jul-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W227093	04-Jul-12	
EPA 300.0	Sulfate as SO4	mg/L	10.9	10.8	0.2	20	W227093	04-Jul-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	20.3	1.33	20.0	94.7	70 - 130	W226276	11-Jul-12	
EPA 200.7	Magnesium	mg/L	19.1	0.520	20.0	92.7	70 - 130	W226276	11-Jul-12	
EPA 200.7	Potassium	mg/L	18.5	<0.50	20.0	91.7	70 - 130	W226276	11-Jul-12	
EPA 200.7	Sodium	mg/L	17.3	0.75	19.0	86.9	70 - 130	W226276	11-Jul-12	
EPA 200.8	Arsenic	mg/L	0.0421	0.0157	0.0250	106	70 - 130	W227114	11-Jul-12	
EPA 200.8	Uranium	mg/L	0.0276	0.00142	0.0250	105	70 - 130	W227114	11-Jul-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	58.3	3.99	50.0	109	75 - 125	W226361	03-Jul-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.02	1.26	3.00	92.0	90 - 110	W227093	04-Jul-12	
EPA 300.0	Chloride	mg/L	8.20	5.26	3.00	97.9	90 - 110	W227093	04-Jul-12	
EPA 300.0	Bromide	mg/L	4.01	<0.10	4.00	100	90 - 110	W227093	04-Jul-12	
EPA 300.0	Bromide	mg/L	3.70	<0.10	4.00	91.7	90 - 110	W227093	04-Jul-12	
EPA 300.0	Sulfate as SO4	mg/L	21.6	10.8	10.0	108	90 - 110	W227093	04-Jul-12	
EPA 300.0	Sulfate as SO4	mg/L	71.1	62.1	10.0	90.4	90 - 110	W227093	04-Jul-12	D2,M3

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	57.9	58.3	50.0	0.7	20	W226361	03-Jul-12	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2F0654**
Reported: 12-Jul-12 09:21

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120613005
Project Name: AQUIFER MONITORING 6-11-2012

Analytical Results Report

Sample Number 120613005-002 **Sampling Date** 6/11/2012 **Date/Time Received** 6/11/2012 4:40 PM
Client Sample ID 129 (PF#6) **Sampling Time** 9:00 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00111	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	3.82	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	20.9	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	78.2	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	6.31	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.619	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	5.19	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Sample Number 120613005-007 **Sampling Date** 6/11/2012 **Date/Time Received** 6/11/2012 4:40 PM
Client Sample ID 112 (EGA#1) **Sampling Time** 11:30 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00296	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	2.00	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	32.1	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	147	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	16.1	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	1.85	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	10.5	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120613005
Project Name: AQUIFER MONITORING 6-11-2012

Analytical Results Report

Sample Number 120613005-009 **Sampling Date** 6/11/2012 **Date/Time Received** 6/11/2012 4:40 PM
Client Sample ID 122 (RATH G) **Sampling Time** 3:00 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	ND	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	6.58	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	26.7	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	94.8	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	6.81	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	1.42	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	4.69	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Sample Number 120613005-011 **Sampling Date** 6/11/2012 **Date/Time Received** 6/11/2012 4:40 PM
Client Sample ID 131 (SL#4) **Sampling Time** 2:10 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00181	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	1.01	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	15.5	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	53.5	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	3.57	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.342	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	4.85	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120613005
Project Name: AQUIFER MONITORING 6-11-2012

Analytical Results Report

Sample Number 120613005-005 **Sampling Date** 6/11/2012 **Date/Time Received** 6/11/2012 4:40 PM
Client Sample ID 115 (RPSY) **Sampling Time** 10:15 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00316	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	1.86	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	16.3	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	74.4	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	8.16	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.671	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	7.26	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Sample Number 120613005-008 **Sampling Date** 6/11/2012 **Date/Time Received** 6/11/2012 4:40 PM
Client Sample ID 132 (HLWA#1)) **Sampling Time** 1:00 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00123	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	5.03	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	54.2	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	172	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	8.97	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	1.01	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	5.05	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120613046
Project Name: AQUIFER MONITORING 6-12-2012

Analytical Results Report

Sample Number 120613046-008
Client Sample ID 119 (ATH#2)
Matrix Drinking Water
Comments

Sampling Date 6/12/2012
Sampling Time 2:30 PM
Sample Location

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00217	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	3.62	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	32.4	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	141	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	14.6	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	1.27	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	15.5	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Sample Number 120613046-009
Client Sample ID 118 (FSP#3)
Matrix Drinking Water
Comments

Sampling Date 6/12/2012
Sampling Time 1:15 PM
Sample Location

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00287	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	1.17	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	29.3	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	129	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	13.5	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.129	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	13.9	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120613046
Project Name: AQUIFER MONITORING 6-12-2012

Analytical Results Report

Sample Number 120613046-002 **Sampling Date** 6/12/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID 99 (C4SW) **Sampling Time** 8:10 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00278	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	8.34	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	28.7	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	125	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	13.0	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	0.0982	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.996	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	8.15	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Sample Number 120613046-003 **Sampling Date** 6/12/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID 130 (CHOW) **Sampling Time** 8:35 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00277	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	4.21	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	28.8	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	132	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	14.5	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.748	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	9.06	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120613046
Project Name: AQUIFER MONITORING 6-12-2012

Analytical Results Report

Sample Number 120613046-005 **Sampling Date** 6/12/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID 117 (USFS Nur) **Sampling Time** 10:30 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	ND	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	6.67	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	29.8	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	101	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	6.52	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	0.0155	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.491	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	6.49	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

Sample Number 120613046-006 **Sampling Date** 6/12/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID 125 (LAAW) **Sampling Time** 11:15 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00125	mg/L	0.001	6/20/2012	ETL	EPA 200.8	
Chloride	2.01	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Calcium	23.8	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Hardness	93.7	mg/L	1	6/20/2012	ETL	EPA 200.7	
Magnesium	8.31	mg/L	0.1	6/20/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	6/20/2012	ETL	EPA 200.7	
NO3/N	0.533	mg/L	0.1	6/13/2012	JTT	EPA 300.0	
Sulfate	4.10	mg/L	0.1	6/13/2012	JTT	EPA 300.0	

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Client:	IDEQ	**Batch #:**	120613024
Address:	2110 IRONWOOD PARKWAY COEUR D'ALENE, ID 83814	**Project Name:**	SVL #W2F0236
Attn:	GARY STEVENS		

Analytical Results Report

Sample Number	120613024-001	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012 4:10 PM
Client Sample ID	PF #9	**Sampling Time**	7:25 AM	**Extraction Date**	6/18/2012
Matrix	Drinking Water	**Sample Location**	W2F0236-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-002	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	PFSP	**Sampling Time**	8:08 AM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-003	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	PF #6	**Sampling Time**	9:00 AM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-03			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-004	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	RPSY	**Sampling Time**	10:23 AM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client:	IDEQ	**Batch #:**	120613024
Address:	2110 IRONWOOD PARKWAY COEUR D'ALENE, ID 83814	**Project Name:**	SVL #W2F0236
Attn:	GARY STEVENS		

Analytical Results Report

Sample Number	120613024-005	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	EGA #1	**Sampling Time**	11:45 AM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-05			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-006	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	EGA #2	**Sampling Time**	12:15 PM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client:	IDEQ	**Batch #:**	120613024
Address:	2110 IRONWOOD PARKWAY COEUR D'ALENE, ID 83814	**Project Name:**	SVL #W2F0236
Attn:	GARY STEVENS		

Analytical Results Report

Sample Number	120613024-007	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012 4:10 PM
Client Sample ID	HLWA #1	**Sampling Time**	1:05 PM	**Extraction Date**	6/18/2012
Matrix	Drinking Water	**Sample Location**	W2F0236-07		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-008	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	SL #4	**Sampling Time**	2:08 PM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-08			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-009	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	RATH G	**Sampling Time**	3:05 PM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-09			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

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Client:	IDEQ	**Batch #:**	120613024
Address:	2110 IRONWOOD PARKWAY COEUR D'ALENE, ID 83814	**Project Name:**	SVL #W2F0236
Attn:	GARY STEVENS		

Analytical Results Report

Sample Number	120613024-010	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	DUPLICATE #1	**Sampling Time**	4:30 PM	**Extraction Date**	6/18/2012	
Matrix	Drinking Water	**Sample Location**	W2F0236-10			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/19/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/19/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/19/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/19/2012	MAH	EPA 515.3	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.77	ug/L	5	95.4	70-130	6/18/2012	6/19/2012
Pentachlorophenol	5.12	ug/L	5	102.4	70-130	6/18/2012	6/19/2012
Dinoseb	4.77	ug/L	5	95.4	70-130	6/18/2012	6/19/2012
Dicamba	4.86	ug/L	5	97.2	70-130	6/18/2012	6/19/2012
Dalapon	4.64	ug/L	5	92.8	70-130	6/18/2012	6/19/2012
Dacthal	4.62	ug/L	5	92.4	70-130	6/18/2012	6/19/2012
2,4-DB	4.78	ug/L	5	95.6	70-130	6/18/2012	6/19/2012
2,4-D	5.08	ug/L	5	101.6	70-130	6/18/2012	6/19/2012
2,4,5-TP (Silvex)	4.56	ug/L	5	91.2	70-130	6/18/2012	6/19/2012
2,4,5-T	4.49	ug/L	5	89.8	70-130	6/18/2012	6/19/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120612044-001	Picloram	ND	4.97	ug/L	5	99.4	70-130	6/18/2012	6/19/2012
120612044-001	Pentachlorophenol	ND	5.24	ug/L	5	104.8	70-130	6/18/2012	6/19/2012
120612044-001	Dinoseb	ND	4.66	ug/L	5	93.2	70-130	6/18/2012	6/19/2012
120612044-001	Dicamba	ND	4.88	ug/L	5	97.6	70-130	6/18/2012	6/19/2012
120612044-001	Dalapon	ND	4.66	ug/L	5	93.2	70-130	6/18/2012	6/19/2012
120612044-001	Dacthal	ND	4.84	ug/L	5	96.8	70-130	6/18/2012	6/19/2012
120612044-001	2,4-DB	ND	4.66	ug/L	5	93.2	70-130	6/18/2012	6/19/2012
120612044-001	2,4-D	ND	4.81	ug/L	5	96.2	70-130	6/18/2012	6/19/2012
120612044-001	2,4,5-TP (Silvex)	ND	4.45	ug/L	5	89.0	70-130	6/18/2012	6/19/2012
120612044-001	2,4,5-T	ND	4.38	ug/L	5	87.6	387-143	6/18/2012	6/19/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	5.13	ug/L	5	102.6	3.2	0-25	6/18/2012	6/19/2012
Pentachlorophenol	5.30	ug/L	5	106.0	1.1	0-25	6/18/2012	6/19/2012
Dinoseb	4.75	ug/L	5	95.0	1.9	0-25	6/18/2012	6/19/2012
Dicamba	4.93	ug/L	5	98.6	1.0	0-25	6/18/2012	6/19/2012
Dalapon	4.20	ug/L	5	84.0	10.4	0-25	6/18/2012	6/19/2012
Dacthal	4.96	ug/L	5	99.2	2.4	0-25	6/18/2012	6/19/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Quality Control Data

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
2,4-DB	4.58	ug/L	5	91.6	1.7	0-25	6/18/2012	6/19/2012
2,4-D	4.83	ug/L	5	96.6	0.4	0-25	6/18/2012	6/19/2012
2,4,5-TP (Silvex)	4.51	ug/L	5	90.2	1.3	0-25	6/18/2012	6/19/2012
2,4,5-T	4.45	ug/L	5	89.0	1.6	0-25	6/18/2012	6/19/2012

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-T	ND	ug/L	0.1	6/18/2012	6/19/2012
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/18/2012	6/19/2012
2,4-D	ND	ug/L	0.1	6/18/2012	6/19/2012
2,4-DB	ND	ug/L	0.1	6/18/2012	6/19/2012
Bentazon	ND	ug/L	0.5	6/18/2012	6/19/2012
Dacthal	ND	ug/L	0.02	6/18/2012	6/19/2012
Dalapon	ND	ug/L	0.1	6/18/2012	6/19/2012
Dicamba	ND	ug/L	0.1	6/18/2012	6/19/2012
Dinoseb	ND	ug/L	0.1	6/18/2012	6/19/2012
Pentachlorophenol	ND	ug/L	0.04	6/18/2012	6/19/2012
Picloram	ND	ug/L	0.1	6/18/2012	6/19/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-001
Client Sample ID PF #9
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 7:25 AM
Sample Location W2F0236-01

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-001 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID PF #9 **Sampling Time** 7:25 AM
Matrix Drinking Water **Sample Location** W2F0236-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-001 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID PF #9 **Sampling Time** 7:25 AM
Matrix Drinking Water **Sample Location** W2F0236-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-002 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID PFSP **Sampling Time** 8:08 AM
Matrix Drinking Water **Sample Location** W2F0236-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-002
Client Sample ID PFSP
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 8:08 AM
Sample Location W2F0236-02

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-002	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	PFSP	**Sampling Time**	8:08 AM			
Matrix	Drinking Water	**Sample Location**	W2F0236-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-003 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID PF #6 **Sampling Time** 9:00 AM
Matrix Drinking Water **Sample Location** W2F0236-03
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-003 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID PF #6 **Sampling Time** 9:00 AM
Matrix Drinking Water **Sample Location** W2F0236-03
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-003
Client Sample ID PF #6
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 9:00 AM
Sample Location W2F0236-03

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-004 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID RPSY **Sampling Time** 10:23 AM
Matrix Drinking Water **Sample Location** W2F0236-04
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-004 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID RPSY **Sampling Time** 10:23 AM
Matrix Drinking Water **Sample Location** W2F0236-04
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-004	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	RPSY	**Sampling Time**	10:23 AM			
Matrix	Drinking Water	**Sample Location**	W2F0236-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-005
Client Sample ID EGA #1
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 11:45 AM
Sample Location W2F0236-05

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-005 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID EGA #1 **Sampling Time** 11:45 AM
Matrix Drinking Water **Sample Location** W2F0236-05
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-005
Client Sample ID EGA #1
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 11:45 AM
Sample Location W2F0236-05

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-006 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID EGA #2 **Sampling Time** 12:15 PM
Matrix Drinking Water **Sample Location** W2F0236-06
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-006 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID EGA #2 **Sampling Time** 12:15 PM
Matrix Drinking Water **Sample Location** W2F0236-06
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-006	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	EGA #2	**Sampling Time**	12:15 PM			
Matrix	Drinking Water	**Sample Location**	W2F0236-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-007 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID HLWA #1 **Sampling Time** 1:05 PM
Matrix Drinking Water **Sample Location** W2F0236-07
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client:	IDEQ	**Batch #:**	120613024
Address:	2110 IRONWOOD PARKWAY COEUR D'ALENE, ID 83814	**Project Name:**	SVL #W2F0236
Attn:	GARY STEVENS		

Analytical Results Report

Sample Number	120613024-007	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012 4:10 PM
Client Sample ID	HLWA #1	**Sampling Time**	1:05 PM		
Matrix	Drinking Water	**Sample Location**	W2F0236-07		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-007	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	HLWA #1	**Sampling Time**	1:05 PM			
Matrix	Drinking Water	**Sample Location**	W2F0236-07			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-008 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID SL #4 **Sampling Time** 2:08 PM
Matrix Drinking Water **Sample Location** W2F0236-08
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-008 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID SL #4 **Sampling Time** 2:08 PM
Matrix Drinking Water **Sample Location** W2F0236-08
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-008	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012 4:10 PM
Client Sample ID	SL #4	**Sampling Time**	2:08 PM		
Matrix	Drinking Water	**Sample Location**	W2F0236-08		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-009 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID RATH G **Sampling Time** 3:05 PM
Matrix Drinking Water **Sample Location** W2F0236-09
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-009 **Sampling Date** 6/11/2012 **Date/Time Received** 6/12/2012 4:10 PM
Client Sample ID RATH G **Sampling Time** 3:05 PM
Matrix Drinking Water **Sample Location** W2F0236-09
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-009	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	RATH G	**Sampling Time**	3:05 PM			
Matrix	Drinking Water	**Sample Location**	W2F0236-09			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-010
Client Sample ID DUPLICATE #1
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 4:30 PM
Sample Location W2F0236-10

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number 120613024-010
Client Sample ID DUPLICATE #1
Matrix Drinking Water
Comments

Sampling Date 6/11/2012
Sampling Time 4:30 PM
Sample Location W2F0236-10

Date/Time Received 6/12/2012 4:10 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Sample Number	120613024-010	**Sampling Date**	6/11/2012	**Date/Time Received**	6/12/2012	4:10 PM
Client Sample ID	DUPLICATE #1	**Sampling Time**	4:30 PM			
Matrix	Drinking Water	**Sample Location**	W2F0236-10			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	TGT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	10.4	µg/L	10	104.0	70-130	6/14/2012	6/14/2012
Toluene	10.4	µg/L	10	104.0	70-130	6/14/2012	6/14/2012
Tetrachloroethene	9.79	µg/L	10	97.9	70-130	6/14/2012	6/14/2012
o-Xylene	10.8	µg/L	10	108.0	70-130	6/14/2012	6/14/2012
Ethylbenzene	10.2	µg/L	10	102.0	70-130	6/14/2012	6/14/2012
Chlorobenzene	10.3	µg/L	10	103.0	70-130	6/14/2012	6/14/2012
Benzene	10.4	µg/L	10	104.0	70-130	6/14/2012	6/14/2012
1,1-Dichloroethene	10.2	µg/L	10	102.0	70-130	6/14/2012	6/14/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120613024-002	Trichloroethene	ND	10.8	µg/L	10	108.0	70-130	6/14/2012	6/14/2012
120613024-002	Toluene	ND	10.7	µg/L	10	107.0	70-130	6/14/2012	6/14/2012
120613024-002	Tetrachloroethene	ND	10.3	µg/L	10	103.0	70-130	6/14/2012	6/14/2012
120613024-002	o-Xylene	ND	11.1	µg/L	10	111.0	70-130	6/14/2012	6/14/2012
120613024-002	Ethylbenzene	ND	10.8	µg/L	10	108.0	70-130	6/14/2012	6/14/2012
120613024-002	Chlorobenzene	ND	10.6	µg/L	10	106.0	70-130	6/14/2012	6/14/2012
120613024-002	Benzene	ND	10.9	µg/L	10	109.0	70-130	6/14/2012	6/14/2012
120613024-002	1,1-Dichloroethene	ND	11.2	µg/L	10	112.0	70-130	6/14/2012	6/14/2012

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,1-Dichloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,1-Dichloroethene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,1-dichloropropene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2-Dibromoethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2-Dichloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,3-Dichloropropane	ND	µg/L	0.5	6/14/2012	6/14/2012
1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	6/14/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
1-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	6/14/2012
2,2-Dichloropropane	ND	µg/L	0.5	6/14/2012	6/14/2012
2-Butanone	ND	µg/L	0.5	6/14/2012	6/14/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/14/2012	6/14/2012
2-Chlorotoluene	ND	µg/L	0.5	6/14/2012	6/14/2012
2-Methylnaphthalene	ND	µg/L	0.5	6/14/2012	6/14/2012
4-Bromofluorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
4-Chlorotoluene	ND	µg/L	0.5	6/14/2012	6/14/2012
Acrolein	ND	µg/L	0.5	6/14/2012	6/14/2012
Acrylonitrile	ND	µg/L	0.5	6/14/2012	6/14/2012
Benzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Bromobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Bromochloromethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Bromodichloromethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Bromoform	ND	µg/L	0.5	6/14/2012	6/14/2012
Bromomethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Carbon disulfide	ND	µg/L	0.5	6/14/2012	6/14/2012
Carbon Tetrachloride	ND	µg/L	0.5	6/14/2012	6/14/2012
Chlorobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Chloroethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Chloroform	ND	µg/L	0.5	6/14/2012	6/14/2012
Chloromethane	ND	µg/L	0.5	6/14/2012	6/14/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	6/14/2012	6/14/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	6/14/2012
Dibromochloromethane	ND	µg/L	0.5	6/14/2012	6/14/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120613024
Project Name: SVL #W2F0236

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Dibromomethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Dichlorodifluoromethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Diethyl ether	ND	µg/L	0.5	6/14/2012	6/14/2012
Ethylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Hexachlorobutadiene	ND	µg/L	0.5	6/14/2012	6/14/2012
Iodomethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Isopropylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
m+p-Xylene	ND	µg/L	0.5	6/14/2012	6/14/2012
Methylene chloride	ND	µg/L	0.5	6/14/2012	6/14/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/14/2012	6/14/2012
Naphthalene	ND	µg/L	0.5	6/14/2012	6/14/2012
n-Butylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Nitrobenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
n-Propylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
o-Xylene	ND	µg/L	0.5	6/14/2012	6/14/2012
p-isopropyltoluene	ND	µg/L	0.5	6/14/2012	6/14/2012
sec-Butylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Styrene	ND	µg/L	0.5	6/14/2012	6/14/2012
tert-Butylbenzene	ND	µg/L	0.5	6/14/2012	6/14/2012
Tetrachloroethene	ND	µg/L	0.5	6/14/2012	6/14/2012
Toluene	ND	µg/L	0.5	6/14/2012	6/14/2012
Total Xylene	ND	µg/L	0.5	6/14/2012	6/14/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/14/2012	6/14/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/14/2012	6/14/2012
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/14/2012	6/14/2012
Trichloroethene	ND	µg/L	0.5	6/14/2012	6/14/2012
Trichloroflouromethane	ND	µg/L	0.5	6/14/2012	6/14/2012
Vinyl acetate	ND	µg/L	0.5	6/14/2012	6/14/2012
Vinyl Chloride	ND	µg/L	0.5	6/14/2012	6/14/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120613024
Order Date: 6/13/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0236

Comment:

Sample #: 120613024-001 **Customer Sample #:** PF #9

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-002 **Customer Sample #:** PFSP

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-003 **Customer Sample #:** PF #6

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120613024
Order Date: 6/13/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0236

Comment:

Sample #: 120613024-004 **Customer Sample #:** RPSY

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-005 **Customer Sample #:** EGA #1

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-006 **Customer Sample #:** EGA #2

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-007 **Customer Sample #:** HLWA #1

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120613024
Order Date: 6/13/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0236

Comment:

HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-008 **Customer Sample #:** SL #4

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-009 **Customer Sample #:** RATH G

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Sample #: 120613024-010 **Customer Sample #:** DUPLICATE #1

Recv'd: ☑ **Collector:** **Date Collected:** 6/11/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/12/2012 4:10:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/22/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/22/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/22/2012	***Normal (6-10 Days)***

Customer Name: IDEQ

2110 IRONWOOD PARKWAY

COEUR D'ALENE ID 83814

Order ID: 120613024

Order Date: 6/13/2012

Contact Name: GARY STEVENS

Project Name: SVL #W2F0236

Comment:

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	5.4
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	No
Labels and chain agree?	Yes

W2F0287

CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY
SVL JOB #
6°C
TEMP ON RECEIPT:

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature: [signature]

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify) Na thiosulfate	Analyses Required: Ca, Na, Mg, K	HCO3, Cl, SO4	HCO3	Br, As	Uranium, Radium 226, Radium 228	VOC's - WA List EPA 515.3	SOC's - WA List EPA 524.3	TOC	Comments: see attached analyte list / Standard TAT
1.	C4SW	06/12/12	8:05	GS	2	9	3		1	2	2		1	x		X	x	x	x	x	X	-01
2.	CHOW	06/12/12	8:35	GS	2	9	3		1	2	2		1	x		X	x	x	x	x	X	-02
3.	CLAW	06/12/12	9:45	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	X	-03
4.	USFS Nur	06/12/12	10:30	GS	2	9	3		1	2	2		1	x		X	x	x	x	x	X	-04
5.	LAAW	06/12/12	11:20	GS	2	9	3		1	2	2		1	x		X	x	x	x	x	X	-05
6.	FSP3	06/12/12	13:15	GS	2	9	3		1	2	2		1	x		X	x	x	x	x	X	-06
7.	ATH2	06/12/12	14:35	GS	2	9	3		1	2	2		1	x		X	x	x	x	x	X	-07
8.	Duplicate #2	06/12/12	15:35	GS	2	9	3		1	2	2		1	x	X	[illegible]	x	x	x	x	X	-08
9.		~~06/12/12~~		~~GS~~	~~2~~	~~9~~	~~3~~		~~1~~	~~2~~	~~2~~		~~1~~	~~x~~	~~X~~		~~x~~	~~x~~	~~x~~	~~x~~	~~X~~	
10.		~~06/12/12~~		~~GS~~	~~2~~	~~9~~	~~3~~		~~1~~	~~2~~	~~2~~		~~1~~	~~x~~			~~x~~	~~x~~	~~x~~	~~x~~	~~X~~	

Relinquished by: Gary Stevens [signature]	Date: 6/12/2012	Time: 15:35	Received by: [signature]	Date: 06/12/12	Time: 1535
Relinquished by: [signature]	Date: 06/13/12	Time: 0800	Received by: [signature] 06/13/12 8:00	Date: 6/13/12	Time: 9:00

SVL-COC 8/05

W2F0287

Complete List of Chemical Constituents:

Inorganics/Organic Carbon:		
Calcium	Sodium	Magnesium
Potassium	Bicarbonate	Chloride
Sulfate	Nitrate	Bromide
Arsenic	Dissolved Organic Carbon TOC	Nitrate

Radionuclides/Isotopes:		
Uranium	Radium 226	Radium 228
^{2}H of water	^{18}O of water	^{15}N of Nitrate
^{18}O of Nitrate	$^{3}H/^{3}He$ of water	

Isotopes not submitted to SVL

EPA 524.3

Volatile Organics Compounds:		
t-1,2-Dichloroethylene	p-Dichlorobenzene	Monohlorobenzene
1,2-Dichloroethane	Dichloromethane	Styrene
1,2-Dichloropropane	Ethylbenzene	Tetrachloroethylene
o-Dichlorobenzene	Benzene	Carbon tetrachloride
c-1,2-Dichloroethylene	Total Trihalomethanes	Bromodichloromethane
Chloroform	Dibromochloromethane	Trichloroethylene
Vinyl chloride	Xylenes	Toluene
Bromoform	1,1-Dichloroethylene	1,1,2-Trichloroethane
1,1,1-Trichloroethane	1,2,4-Trichlorobenzene	1,2,3-Trichlorobenzene
Bromobenzene	n-Butylbenzene	Trichloro-fluoromethane
Bromochloromethane	n-Propylbenzene	1,2,3-Trichloropropane
Bromomethane	1,1,1,2-Tetrachloroethane	1,1-Dichloroethane
s-Butylbenzene	p-Chlorotoluene	1,3-Dichloropropene
t-Butylbenzene	Dibromomethane	2,2-Dichloropropane
Chloroethane	m-Dichlorobenzene	1,1-Dichloropropene
Chloromethane	Dichlorodi-fluoromethane	p-Isopropyltoluene
o-Chlorotoluene	1,3-Dichloropropane	Isopropylbenzene
1,2,4-Trimethylbenzene	1,1,2,2-Tetrachloroethane	Naphthalene
1,3,5-Trimethylbenzene	Hexachlorobutadiene	1,4 Dichlorobenzene
Chlorobenzene	trans-1,2- Dichlorobenzene	1,2 Dichlorobenzene
Cis-1,2 Dichloroethylene		

Semivolitiles:		
Silvex	Dalapon	Picloram
Pentachlorophenol	Dinoseb	Dicamba
2,4-D	Bentzon	2,4-DB
2,4,5-T	MCPA	Dacthal

515.3 Reg WA Unreg Herbicides

250 amber bottles

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 06/12/12 By: CJohnson Groundwater RP6WI

SVL Work No: W2F0287

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ COR Gary Stevens
2	Date and time of receipt at lab	✓				06/12/12 @ 1535
3	Received by	✓				CJohnson
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				Yes
6	Custody tape/bottle seals	✓				NO
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				~~H_2SO_4 VOA preplosed by client for~~ TOC HNO_3 pres by client for metals ~~HCl VOA used pres by client for VOC~~
12	Did an SVL employee preserve sample(s) upon receipt	NO				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Kellogg: Ca, Na, Mg, K, As U HCO_3, Cl, SO_4, Br TOC Subcontract: Anatek; VOCs (515.3) SOC (524.3)
18	Shipper's air bill				✓	

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Energy: Radium 226 & Radium 228

Additional Comments:

Bill client Sandy Maitland Koot-Co. Board of Comm

Anatek Labs, Inc.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-001 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID C4SW **Sampling Time** 8:05 AM
Matrix Drinking Water **Sample Location** W2F0287-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-001	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	C4SW	**Sampling Time**	8:05 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-01			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-001	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	C4SW	**Sampling Time**	8:05 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-01			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-002	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	CHOW	**Sampling Time**	8:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-002	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	CHOW	**Sampling Time**	8:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-002	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	CHOW	**Sampling Time**	8:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-003
Client Sample ID CLAW
Matrix Drinking Water
Comments

Sampling Date 6/12/2012
Sampling Time 9:45 AM
Sample Location W2F0287-03

Date/Time Received 6/14/2012 11:48 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-003
Client Sample ID CLAW
Matrix Drinking Water
Comments

Sampling Date 6/12/2012
Sampling Time 9:45 AM
Sample Location W2F0287-03

Date/Time Received 6/14/2012 11:48 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-003	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	CLAW	**Sampling Time**	9:45 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-03			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-004	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	USFS NUR	**Sampling Time**	10:30 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-004	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	USFS NUR	**Sampling Time**	10:30 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-004	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	USFS NUR	**Sampling Time**	10:30 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-005 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID LAAW **Sampling Time** 11:20 AM
Matrix Drinking Water **Sample Location** W2F0287-05
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-005 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID LAAW **Sampling Time** 11:20 AM
Matrix Drinking Water **Sample Location** W2F0287-05
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-005	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	LAAW	**Sampling Time**	11:20 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-05			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-006 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID FSP3 **Sampling Time** 1:15 PM
Matrix Drinking Water **Sample Location** W2F0287-06
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-006	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	FSP3	**Sampling Time**	1:15 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-006	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	FSP3	**Sampling Time**	1:15 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-007	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	ATH2	**Sampling Time**	2:35 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-07			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-007 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID ATH2 **Sampling Time** 2:35 PM
Matrix Drinking Water **Sample Location** W2F0287-07
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-007	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	ATH2	**Sampling Time**	2:35 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-07			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-008
Client Sample ID DUPLICATE #2
Matrix Drinking Water
Comments

Sampling Date 6/12/2012
Sampling Time 3:35 PM
Sample Location W2F0287-08

Date/Time Received 6/14/2012 11:48 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-008 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID DUPLICATE #2 **Sampling Time** 3:35 PM
Matrix Drinking Water **Sample Location** W2F0287-08
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client:	IDEQ	**Batch #:**	120615013
Address:	2110 IRONWOOD PARKWAY COEUR D'ALENE, ID 83814	**Project Name:**	SVL #W2F0287
Attn:	GARY STEVENS		

Analytical Results Report

Sample Number	120615013-008	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012 11:48 AM
Client Sample ID	DUPLICATE #2	**Sampling Time**	3:35 PM		
Matrix	Drinking Water	**Sample Location**	W2F0287-08		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
1,1-Dichloroethene	10.2	µg/L	10	102.0	70-130	6/19/2012	6/19/2012
Trichloroethene	10.6	µg/L	10	106.0	70-130	6/19/2012	6/19/2012
Toluene	10.6	µg/L	10	106.0	70-130	6/19/2012	6/19/2012
Tetrachloroethene	9.80	µg/L	10	98.0	70-130	6/19/2012	6/19/2012
o-Xylene	10.6	µg/L	10	106.0	70-130	6/19/2012	6/19/2012
Ethylbenzene	10.2	µg/L	10	102.0	70-130	6/19/2012	6/19/2012
Chlorobenzene	10.2	µg/L	10	102.0	70-130	6/19/2012	6/19/2012
Benzene	10.6	µg/L	10	106.0	70-130	6/19/2012	6/19/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120615013-001	Trichloroethene	ND	5.90	µg/L	5	118.0	70-130	6/19/2012	6/19/2012
120615013-001	Toluene	ND	5.99	µg/L	5	119.8	70-130	6/19/2012	6/19/2012
120615013-001	Tetrachloroethene	ND	5.53	µg/L	5	110.6	70-130	6/19/2012	6/19/2012
120615013-001	o-Xylene	ND	5.94	µg/L	5	118.8	70-130	6/19/2012	6/19/2012
120615013-001	Ethylbenzene	ND	5.77	µg/L	5	115.4	70-130	6/19/2012	6/19/2012
120615013-001	Chlorobenzene	ND	5.58	µg/L	5	111.6	70-130	6/19/2012	6/19/2012
120615013-001	Benzene	ND	6.00	µg/L	5	120.0	70-130	6/19/2012	6/19/2012
120615013-001	1,1-Dichloroethene	ND	6.08	µg/L	5	121.6	70-130	6/19/2012	6/19/2012

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	6/19/2012
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Butanone	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	6/19/2012
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	6/19/2012
Acrolein	ND	µg/L	0.5	6/19/2012	6/19/2012
Acrylonitrile	ND	µg/L	0.5	6/19/2012	6/19/2012
Benzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromochloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromoform	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromomethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Carbon disulfide	ND	µg/L	0.5	6/19/2012	6/19/2012
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	6/19/2012
Chlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Chloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Chloroform	ND	µg/L	0.5	6/19/2012	6/19/2012
Chloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Dibromomethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Diethyl ether	ND	µg/L	0.5	6/19/2012	6/19/2012
Ethylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	6/19/2012
Iodomethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
m+p-Xylene	ND	µg/L	0.5	6/19/2012	6/19/2012
Methylene chloride	ND	µg/L	0.5	6/19/2012	6/19/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	6/19/2012
Naphthalene	ND	µg/L	0.5	6/19/2012	6/19/2012
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Nitrobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
o-Xylene	ND	µg/L	0.5	6/19/2012	6/19/2012
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	6/19/2012
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Styrene	ND	µg/L	0.5	6/19/2012	6/19/2012
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
Toluene	ND	µg/L	0.5	6/19/2012	6/19/2012
Total Xylene	ND	µg/L	0.5	6/19/2012	6/19/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	6/19/2012
Trichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
Trichlorofluoromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Vinyl acetate	ND	µg/L	0.5	6/19/2012	6/19/2012
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	6/19/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-001 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID C4SW **Sampling Time** 8:05 AM
Matrix Drinking Water **Sample Location** W2F0287-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/21/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/21/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/21/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-002	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	CHOW	**Sampling Time**	8:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/21/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/21/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/21/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number 120615013-003 **Sampling Date** 6/12/2012 **Date/Time Received** 6/14/2012 11:48 AM
Client Sample ID CLAW **Sampling Time** 9:45 AM
Matrix Drinking Water **Sample Location** W2F0287-03
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/21/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/21/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/21/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/21/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-004	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	USFS NUR	**Sampling Time**	10:30 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-005	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	LAAW	**Sampling Time**	11:20 AM			
Matrix	Drinking Water	**Sample Location**	W2F0287-05			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-006	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	FSP3	**Sampling Time**	1:15 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-007	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	ATH2	**Sampling Time**	2:35 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-07			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Sample Number	120615013-008	**Sampling Date**	6/12/2012	**Date/Time Received**	6/14/2012	11:48 AM
Client Sample ID	DUPLICATE #2	**Sampling Time**	3:35 PM			
Matrix	Drinking Water	**Sample Location**	W2F0287-08			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.45	ug/L	5	89.0	70-130	6/20/2012	6/21/2012
Pentachlorophenol	5.39	ug/L	5	107.8	70-130	6/20/2012	6/21/2012
Dinoseb	4.69	ug/L	5	93.8	70-130	6/20/2012	6/21/2012
Dicamba	4.89	ug/L	5	97.8	70-130	6/20/2012	6/21/2012
Dalapon	4.79	ug/L	5	95.8	70-130	6/20/2012	6/21/2012
2,4-DB	5.04	ug/L	5	100.8	70-130	6/20/2012	6/21/2012
2,4-D	5.28	ug/L	5	105.6	70-130	6/20/2012	6/21/2012
2,4,5-TP (Silvex)	4.53	ug/L	5	90.6	70-130	6/20/2012	6/21/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120615017-004	Picloram	ND	4.66	ug/L	5	93.2	70-130	6/20/2012	6/21/2012
120615017-004	Pentachlorophenol	ND	5.32	ug/L	5	106.4	70-130	6/20/2012	6/21/2012
120615017-004	Dinoseb	ND	4.70	ug/L	5	94.0	70-130	6/20/2012	6/21/2012
120615017-004	Dicamba	ND	4.30	ug/L	5	86.0	70-130	6/20/2012	6/21/2012
120615017-004	Dalapon	ND	4.88	ug/L	5	97.6	70-130	6/20/2012	6/21/2012
120615017-004	2,4-DB	ND	5.10	ug/L	5	102.0	70-130	6/20/2012	6/21/2012
120615017-004	2,4-D	ND	5.20	ug/L	5	104.0	70-130	6/20/2012	6/21/2012
120615017-004	2,4,5-TP (Silvex)	ND	4.45	ug/L	5	89.0	70-130	6/20/2012	6/21/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.56	ug/L	5	91.2	2.2	0-25	6/20/2012	6/21/2012
Pentachlorophenol	5.16	ug/L	5	103.2	3.1	0-25	6/20/2012	6/21/2012
Dinoseb	4.60	ug/L	5	92.0	2.2	0-25	6/20/2012	6/21/2012
Dicamba	5.03	ug/L	5	100.6	15.6	0-25	6/20/2012	6/21/2012
Dalapon	4.23	ug/L	5	84.6	14.3	0-25	6/20/2012	6/21/2012
2,4-DB	5.03	ug/L	5	100.6	1.4	0-25	6/20/2012	6/21/2012
2,4-D	5.05	ug/L	5	101.0	2.9	0-25	6/20/2012	6/21/2012
2,4,5-TP (Silvex)	4.35	ug/L	5	87.0	2.3	0-25	6/20/2012	6/21/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615013
Project Name: SVL #W2F0287

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/20/2012	6/21/2012
2,4-D	ND	ug/L	0.1	6/20/2012	6/21/2012
2,4-DB	ND	ug/L	0.1	6/20/2012	6/21/2012
Dalapon	ND	ug/L	0.1	6/20/2012	6/21/2012
Dicamba	ND	ug/L	0.1	6/20/2012	6/21/2012
Dinoseb	ND	ug/L	0.1	6/20/2012	6/21/2012
Pentachlorophenol	ND	ug/L	0.08	6/20/2012	6/21/2012
Picloram	ND	ug/L	0.1	6/20/2012	6/21/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120615013
Order Date: 6/15/2012

Contact Name: GARY STEVENS
Comment:

Project Name: SVL #W2F0287

Sample #: 120615013-001 **Customer Sample #:** C4SW

Recv'd: ☑ **Collector:**
Quantity: 3 **Matrix:** Drinking Water
Comment:

Date Collected: 6/12/2012
Date Received: 6/14/2012 11:48:00 A

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Sample #: 120615013-002 **Customer Sample #:** CHOW

Recv'd: ☑ **Collector:**
Quantity: 3 **Matrix:** Drinking Water
Comment:

Date Collected: 6/12/2012
Date Received: 6/14/2012 11:48:00 A

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Sample #: 120615013-003 **Customer Sample #:** CLAW

Recv'd: ☑ **Collector:**
Quantity: 3 **Matrix:** Drinking Water
Comment:

Date Collected: 6/12/2012
Date Received: 6/14/2012 11:48:00 A

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120615013
Order Date: 6/15/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0287

Comment:

Sample #: 120615013-004 **Customer Sample #:** USFS NUR

Recv'd: ☑ **Collector:** **Date Collected:** 6/12/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/14/2012 11:48:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Sample #: 120615013-005 **Customer Sample #:** LAAW

Recv'd: ☑ **Collector:** **Date Collected:** 6/12/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/14/2012 11:48:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Sample #: 120615013-006 **Customer Sample #:** FSP3

Recv'd: ☑ **Collector:** **Date Collected:** 6/12/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/14/2012 11:48:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Sample #: 120615013-007 **Customer Sample #:** ATH2

Recv'd: ☑ **Collector:** **Date Collected:** 6/12/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/14/2012 11:48:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***

Customer Name: IDEQ

2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120615013
Order Date: 6/15/2012

Contact Name: GARY STEVENS

Project Name: SVL #W2F0287

Comment:

HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

Sample #: 120615013-008 **Customer Sample #:** DUPLICATE #2

Recv'd: ☑ **Collector:**
Quantity: 3 **Matrix:** Drinking Water
Comment:

Date Collected: 6/12/2012
Date Received: 6/14/2012 11:48:00 A

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/26/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/26/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/26/2012	***Normal (6-10 Days)***

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	5.4
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	No
Labels and chain agree?	Yes

W2F0326

CHAIN OF CUSTODY RECORD

Page 1 of 1

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FOR SVL USE ONLY
SVL JOB #
6°C
TEMP ON RECEIPT:

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: State: ID USACE? No

	Sample ID	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify) Na Thiosulfate	Analyses Required Ca, Na, Mg, K	HCO3, Cl, SO4	HCO3	Br, As	Uranium, Radium 226, Radium 228	VOC's - WA List	SOC's - WA List	TOC	Comments	Standard TAT
1.	MVT#1	06/13/12	7:25	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x	see attached analyte list	-01
2.	HAY#2	06/13/12	8:25	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-02
3.	MDLA	06/13/12	9:15	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-03
4.	TLWS	06/13/12	9:55	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x	TLWS	-04
5.	[redacted] EASA	06/13/12	10:37	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-05
6.	CHSA	06/13/12	11:35	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-06
7.	OHMA	06/13/12	12:25	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-07
8.		06/13/12		GS	2	9	3		1	2	2		1	x			x	x	x	x	x		
9.		06/13/12		GS	2	9	3		1	2	2		1	x			x	x	x	x	x		
10.		06/13/12		GS	2	9	3		1	2	2		1	x			x	x	x	x	x		

Relinquished by: Gary Stevens — Date: 6/13/2012 — Time: 13:23 — Received by: Johann Lo. Gardner 06/14/12 8:00

Relinquished by: Johann — Date: 6/14/12 — Time: 0800 — Received by:

Date: 06/13/12 — Time: 1323

Date: 6-14-12 — Time: 9:00

SVL-COC 8/05

W2F0326

Complete List of Chemical Constituents:

Inorganics/Organic Carbon:		
Calcium	Sodium	Magnesium
Potassium	Bicarbonate	Chloride
Sulfate	Nitrate	Bromide
Arsenic	Dissolved Organic Carbon TOC	Nitrate

Radionuclides/Isotopes:		
Uranium	Radium 226	Radium 228
^{2}H of water	^{18}O of water	^{15}N of Nitrate
^{18}O of Nitrate	$^{3}H/^{3}He$ of water	

Isotopes not submitted to SVL

EPA 524.3

Volatile Organics Compounds:		
t-1,2-Dichloroethylene	p-Dichlorobenzene	Monohlorobenzene
1,2-Dichloroethane	Dichloromethane	Styrene
1,2-Dichloropropane	Ethylbenzene	Tetrachloroethylene
o-Dichlorobenzene	Benzene	Carbon tetrachloride
c-1,2-Dichloroethylene	Total Trihalomethanes	Bromodichloromethane
Chloroform	Dibromochloromethane	Trichloroethylene
Vinyl chloride	Xylenes	Toluene
Bromoform	1,1-Dichloroethylene	1,1,2-Trichloroethane
1,1,1-Trichloroethane	1,2,4-Trichlorobenzene	1,2,3-Trichlorobenzene
Bromobenzene	n-Butylbenzene	Trichloro-fluoromethane
Bromochloromethane	n-Propylbenzene	1,2,3-Trichloropropane
Bromomethane	1,1,1,2-Tetrachloroethane	1,1-Dichloroethane
s-Butylbenzene	p-Chlorotoluene	1,3-Dichloropropene
t-Butylbenzene	Dibromomethane	2,2-Dichloropropane
Chloroethane	m-Dichlorobenzene	1,1-Dichloropropene
Chloromethane	Dichlorodi-fluoromethane	p-Isopropyltoluene
o-Chlorotoluene	1,3-Dichloropropane	Isopropylbenzene
1,2,4-Trimethylbenzene	1,1,2,2-Tetrachloroethane	Naphthalene
1,3,5-Trimethylbenzene	Hexachlorobutadiene	1,4 Dichlorobenzene
Chlorobenzene	trans-1,2- Dichlorobenzene	1,2 Dichlorobenzene
Cis-1,2 Dichloroethylene		

Semivolitiles:		
Silvex	Dalapon	Picloram
Pentachlorophenol	Dinoseb	Dicamba
2,4-D	Bentzon	2,4-DB
2,4,5-T	MCPA	Dacthal

515.3 Reg WA Unreg

250 amber bottles

Herbicides 1

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 06/13/12 By: GW

SVL Work No: W2F0326 RPAGWI ~~RPEW~~

Item	Description	V	VC	NV	NA	Comments Proj. Rath Prairie
1	Client or project name	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				06/13/12 @ 1323
3	Received by	✓				
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				yes
6	Custody tape/bottle seals	✓				no
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				cool, HNO_3 pres by client, H_2SO_4 pres by client, H_2SO_4 VOA HCl VOA pres/used by client
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				~~CDA~~ Kellogg: HCO_3, Cl, SO_4, Br, Ca, Na, Mg, K, As, U, TOC Subcontract: Analek VOC (EPA524.3) SOC (EPA515.3) Energy Radium 226 Radium 228
18	Shipper's air bill					

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill ~~client~~ client

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-001
Client Sample ID MVT #1
Matrix Drinking Water
Comments

Sampling Date 6/13/2012
Sampling Time 7:25 AM
Sample Location W2F0326-01

Date/Time Received 6/15/2012 11:30 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-002	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012 11:30 AM
Client Sample ID	HAY #2	**Sampling Time**	8:25 AM		
Matrix	Drinking Water	**Sample Location**	W2F0326-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-003 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID MDLA **Sampling Time** 9:15 AM
Matrix Drinking Water **Sample Location** W2F0326-03
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-004 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID TLWS **Sampling Time** 9:35 AM
Matrix Drinking Water **Sample Location** W2F0326-04
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-005	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	EASA	**Sampling Time**	10:37 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-05			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-006	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	CHSA	**Sampling Time**	11:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-007	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	OHMA	**Sampling Time**	12:25 PM			
Matrix	Drinking Water	**Sample Location**	W2F0326-07			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/22/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/22/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/22/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/22/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/22/2012	MAH	EPA 515.3	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.45	ug/L	5	89.0	70-130	6/20/2012	6/21/2012
Pentachlorophenol	5.39	ug/L	5	107.8	70-130	6/20/2012	6/21/2012
Dinoseb	4.69	ug/L	5	93.8	70-130	6/20/2012	6/21/2012
Dicamba	4.89	ug/L	5	97.8	70-130	6/20/2012	6/21/2012
Dalapon	4.79	ug/L	5	95.8	70-130	6/20/2012	6/21/2012
2,4-DB	5.04	ug/L	5	100.8	70-130	6/20/2012	6/21/2012
2,4-D	5.28	ug/L	5	105.6	70-130	6/20/2012	6/21/2012
2,4,5-TP (Silvex)	4.53	ug/L	5	90.6	70-130	6/20/2012	6/21/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120615017-004	Picloram	ND	4.66	ug/L	5	93.2	70-130	6/20/2012	6/21/2012
120615017-004	Pentachlorophenol	ND	5.32	ug/L	5	106.4	70-130	6/20/2012	6/21/2012
120615017-004	Dinoseb	ND	4.70	ug/L	5	94.0	70-130	6/20/2012	6/21/2012
120615017-004	Dicamba	ND	4.30	ug/L	5	86.0	70-130	6/20/2012	6/21/2012
120615017-004	Dalapon	ND	4.88	ug/L	5	97.6	70-130	6/20/2012	6/21/2012
120615017-004	2,4-DB	ND	5.10	ug/L	5	102.0	70-130	6/20/2012	6/21/2012
120615017-004	2,4-D	ND	5.20	ug/L	5	104.0	70-130	6/20/2012	6/21/2012
120615017-004	2,4,5-TP (Silvex)	ND	4.45	ug/L	5	89.0	70-130	6/20/2012	6/21/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.56	ug/L	5	91.2	2.2	0-25	6/20/2012	6/21/2012
Pentachlorophenol	5.16	ug/L	5	103.2	3.1	0-25	6/20/2012	6/21/2012
Dinoseb	4.60	ug/L	5	92.0	2.2	0-25	6/20/2012	6/21/2012
Dicamba	5.03	ug/L	5	100.6	15.6	0-25	6/20/2012	6/21/2012
Dalapon	4.23	ug/L	5	84.6	14.3	0-25	6/20/2012	6/21/2012
2,4-DB	5.03	ug/L	5	100.6	1.4	0-25	6/20/2012	6/21/2012
2,4-D	5.05	ug/L	5	101.0	2.9	0-25	6/20/2012	6/21/2012
2,4,5-TP (Silvex)	4.35	ug/L	5	87.0	2.3	0-25	6/20/2012	6/21/2012

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/20/2012	6/21/2012
2,4-D	ND	ug/L	0.1	6/20/2012	6/21/2012
2,4-DB	ND	ug/L	0.1	6/20/2012	6/21/2012
Dalapon	ND	ug/L	0.1	6/20/2012	6/21/2012
Dicamba	ND	ug/L	0.1	6/20/2012	6/21/2012
Dinoseb	ND	ug/L	0.1	6/20/2012	6/21/2012
Pentachlorophenol	ND	ug/L	0.08	6/20/2012	6/21/2012
Picloram	ND	ug/L	0.1	6/20/2012	6/21/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-001
Client Sample ID MVT #1
Matrix Drinking Water
Comments

Sampling Date 6/13/2012
Sampling Time 7:25 AM
Sample Location W2F0326-01

Date/Time Received 6/15/2012 11:30 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-001
Client Sample ID MVT #1
Matrix Drinking Water
Comments

Sampling Date 6/13/2012
Sampling Time 7:25 AM
Sample Location W2F0326-01

Date/Time Received 6/15/2012 11:30 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-001	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	MVT #1	**Sampling Time**	7:25 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-01			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-002 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID HAY #2 **Sampling Time** 8:25 AM
Matrix Drinking Water **Sample Location** W2F0326-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-002 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID HAY #2 **Sampling Time** 8:25 AM
Matrix Drinking Water **Sample Location** W2F0326-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-002	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	HAY #2	**Sampling Time**	8:25 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-003	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	MDLA	**Sampling Time**	9:15 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-03			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-003 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID MDLA **Sampling Time** 9:15 AM
Matrix Drinking Water **Sample Location** W2F0326-03
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-003	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	MDLA	**Sampling Time**	9:15 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-03			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-004 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID TLWS **Sampling Time** 9:35 AM
Matrix Drinking Water **Sample Location** W2F0326-04
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-004	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	TLWS	**Sampling Time**	9:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-004	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	TLWS	**Sampling Time**	9:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-04			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-005 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID EASA **Sampling Time** 10:37 AM
Matrix Drinking Water **Sample Location** W2F0326-05
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-005 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID EASA **Sampling Time** 10:37 AM
Matrix Drinking Water **Sample Location** W2F0326-05
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-005	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	EASA	**Sampling Time**	10:37 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-05			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-006 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID CHSA **Sampling Time** 11:35 AM
Matrix Drinking Water **Sample Location** W2F0326-06
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-006	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	CHSA	**Sampling Time**	11:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-006	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	CHSA	**Sampling Time**	11:35 AM			
Matrix	Drinking Water	**Sample Location**	W2F0326-06			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-007
Client Sample ID OHMA
Matrix Drinking Water
Comments

Sampling Date 6/13/2012
Sampling Time 12:25 PM
Sample Location W2F0326-07

Date/Time Received 6/15/2012 11:30 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number 120615033-007 **Sampling Date** 6/13/2012 **Date/Time Received** 6/15/2012 11:30 AM
Client Sample ID OHMA **Sampling Time** 12:25 PM
Matrix Drinking Water **Sample Location** W2F0326-07
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Sample Number	120615033-007	**Sampling Date**	6/13/2012	**Date/Time Received**	6/15/2012	11:30 AM
Client Sample ID	OHMA	**Sampling Time**	12:25 PM			
Matrix	Drinking Water	**Sample Location**	W2F0326-07			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	SAT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	10.1	µg/L	10	101.0	70-130	6/19/2012	6/19/2012
Toluene	10.3	µg/L	10	103.0	70-130	6/19/2012	6/19/2012
Tetrachloroethene	9.13	µg/L	10	91.3	70-130	6/19/2012	6/19/2012
o-Xylene	10.5	µg/L	10	105.0	70-130	6/19/2012	6/19/2012
Ethylbenzene	9.97	µg/L	10	99.7	70-130	6/19/2012	6/19/2012
Chlorobenzene	9.81	µg/L	10	98.1	70-130	6/19/2012	6/19/2012
Benzene	10.4	µg/L	10	104.0	70-130	6/19/2012	6/19/2012
1,1-Dichloroethene	9.73	µg/L	10	97.3	70-130	6/19/2012	6/19/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120615033-001	Trichloroethene	ND	5.45	µg/L	5	109.0	70-130	6/19/2012	6/19/2012
120615033-001	Toluene	ND	5.59	µg/L	5	111.8	70-130	6/19/2012	6/19/2012
120615033-001	Tetrachloroethene	ND	4.94	µg/L	5	98.8	70-130	6/19/2012	6/19/2012
120615033-001	o-Xylene	ND	5.34	µg/L	5	106.8	70-130	6/19/2012	6/19/2012
120615033-001	Ethylbenzene	ND	5.33	µg/L	5	106.6	70-130	6/19/2012	6/19/2012
120615033-001	Chlorobenzene	ND	5.09	µg/L	5	101.8	70-130	6/19/2012	6/19/2012
120615033-001	Benzene	ND	5.56	µg/L	5	111.2	70-130	6/19/2012	6/19/2012
120615033-001	1,1-Dichloroethene	ND	5.69	µg/L	5	113.8	70-130	6/19/2012	6/19/2012

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1-Dichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1-Dichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,1-dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dibromoethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dichloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3-Dichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
1-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	6/19/2012
2,2-Dichloropropane	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Butanone	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Chlorotoluene	ND	µg/L	0.5	6/19/2012	6/19/2012
2-Methylnaphthalene	ND	µg/L	0.5	6/19/2012	6/19/2012
4-Bromofluorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
4-Chlorotoluene	ND	µg/L	0.5	6/19/2012	6/19/2012
Acrolein	ND	µg/L	0.5	6/19/2012	6/19/2012
Acrylonitrile	ND	µg/L	0.5	6/19/2012	6/19/2012
Benzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromochloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromodichloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromoform	ND	µg/L	0.5	6/19/2012	6/19/2012
Bromomethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Carbon disulfide	ND	µg/L	0.5	6/19/2012	6/19/2012
Carbon Tetrachloride	ND	µg/L	0.5	6/19/2012	6/19/2012
Chlorobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Chloroethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Chloroform	ND	µg/L	0.5	6/19/2012	6/19/2012
Chloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
Dibromochloromethane	ND	µg/L	0.5	6/19/2012	6/19/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120615033
Project Name: SVL #W2F0326

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Dibromomethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Dichlorodifluoromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Diethyl ether	ND	µg/L	0.5	6/19/2012	6/19/2012
Ethylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Hexachlorobutadiene	ND	µg/L	0.5	6/19/2012	6/19/2012
Iodomethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Isopropylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
m+p-Xylene	ND	µg/L	0.5	6/19/2012	6/19/2012
Methylene chloride	ND	µg/L	0.5	6/19/2012	6/19/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/19/2012	6/19/2012
Naphthalene	ND	µg/L	0.5	6/19/2012	6/19/2012
n-Butylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Nitrobenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
n-Propylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
o-Xylene	ND	µg/L	0.5	6/19/2012	6/19/2012
p-isopropyltoluene	ND	µg/L	0.5	6/19/2012	6/19/2012
sec-Butylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Styrene	ND	µg/L	0.5	6/19/2012	6/19/2012
tert-Butylbenzene	ND	µg/L	0.5	6/19/2012	6/19/2012
Tetrachloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
Toluene	ND	µg/L	0.5	6/19/2012	6/19/2012
Total Xylene	ND	µg/L	0.5	6/19/2012	6/19/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/19/2012	6/19/2012
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/19/2012	6/19/2012
Trichloroethene	ND	µg/L	0.5	6/19/2012	6/19/2012
Trichloroflouromethane	ND	µg/L	0.5	6/19/2012	6/19/2012
Vinyl acetate	ND	µg/L	0.5	6/19/2012	6/19/2012
Vinyl Chloride	ND	µg/L	0.5	6/19/2012	6/19/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120615033
Order Date: 6/15/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0326

Comment:

Sample #: 120615033-001 **Customer Sample #:** MVT #1

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

Sample #: 120615033-002 **Customer Sample #:** HAY #2

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

Sample #: 120615033-003 **Customer Sample #:** MDLA

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120615033
Order Date: 6/15/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0326

Comment:

Sample #: 120615033-004 **Customer Sample #:** TLWS

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

Sample #: 120615033-005 **Customer Sample #:** EASA

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

Sample #: 120615033-006 **Customer Sample #:** CHSA

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

Sample #: 120615033-007 **Customer Sample #:** OHMA

Recv'd: ☑ **Collector:** **Date Collected:** 6/13/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/15/2012 11:30:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/27/2012	***Normal (6-10 Days)***

Customer Name: IDEQ

2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120615033

Order Date: 6/15/2012

Contact Name: GARY STEVENS

Project Name: SVL #W2F0326

Comment:

HERBICIDES 515.3	M	EPA 515.3	6/27/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/27/2012	***Normal (6-10 Days)***

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	5.5
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	NO
Labels and chain agree?	Yes

CHAIN OF CUSTODY RECORD

W2F0326

Page 1 of 1

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FOR SVL USE ONLY

SVL JOB #

6°C

TEMP ON RECEIPT:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify) Na Thiosulfate	Analyses Required Ca, Na, Mg, K	HCO3, Cl, SO4	HCO3	Br, As	Uranium, Radium 226, Radium 228	VOC's - WA List	SOC's - WA List	TOC	Comments	Standard TAT
1.	MVT #1	06/13/12	7:25	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x	see attached analyte list	-01
2.	HAY #2	06/13/12	8:25	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-02
3.	MDLA	06/13/12	9:15	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-03
4.	TLWS	06/13/12	9:35	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x	TLWS	-04
5.	EASA	06/13/12	10:07	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-05
6.	CHSA	06/13/12	11:35	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-06
7.	OHMA	06/13/12	12:25	GS	2	9	3		1	2	2		1	x	X		x	x	x	x	x		-07
8.		06/13/12		GS	2	9	3		1	2	2		1	x			x	x	x	x	x		
9.		06/13/12		GS	2	9	3		1	2	2		1	x			x	x	x	x	x		
10.		06/13/12		GS	2	9	3		1	2	2		1	x			x	x	x	x	x		

Relinquished by: Gary Stevens — Date: 6/13/2012 — Time: 13:23 — Received by: Johann D. Gardner 06/14/12 8:00

Relinquished by: Johann — Date: 6/14/12 — Time: 0800 — Received by:

Date: 06/13/12 — Time: 1323

Date: 6-14-12 — Time: 9:08

W2F0326

Complete List of Chemical Constituents:

Inorganics/Organic Carbon:		
Calcium	Sodium	Magnesium
Potassium	Bicarbonate	Chloride
Sulfate	Nitrate	Bromide
Arsenic	Dissolved Organic Carbon TOC	Nitrate

Radionuclides/Isotopes:		
Uranium	Radium 226	Radium 228
^{2}H of water	^{18}O of water	^{15}N of Nitrate
^{18}O of Nitrate	$^{3}H/^{3}He$ of water	

Isotopes not submitted to SVL

BPA 524.3

Volatile Organics Compounds:		
t-1,2-Dichloroethylene	p-Dichlorobenzene	Monohlorobenzene
1,2-Dichloroethane	Dichloromethane	Styrene
1,2-Dichloropropane	Ethylbenzene	Tetrachloroethylene
o-Dichlorobenzene	Benzene	Carbon tetrachloride
c-1,2-Dichloroethylene	Total Trihalomethanes	Bromodichloromethane
Chloroform	Dibromochloromethane	Trichloroethylene
Vinyl chloride	Xylenes	Toluene
Bromoform	1,1-Dichloroethylene	1,1,2-Trichloroethane
1,1,1-Trichloroethane	1,2,4-Trichlorobenzene	1,2,3-Trichlorobenzene
Bromobenzene	n-Butylbenzene	Trichloro-fluoromethane
Bromochloromethane	n-Propylbenzene	1,2,3-Trichloropropane
Bromomethane	1,1,1,2-Tetrachloroethane	1,1-Dichloroethane
s-Butylbenzene	p-Chlorotoluene	1,3-Dichloropropene
t-Butylbenzene	Dibromomethane	2,2-Dichloropropane
Chloroethane	m-Dichlorobenzene	1,1-Dichloropropene
Chloromethane	Dichlorodi-fluoromethane	p-Isopropyltoluene
o-Chlorotoluene	1,3-Dichloropropane	Isopropylbenzene
1,2,4-Trimethylbenzene	1,1,2,2-Tetrachloroethane	Naphthalene
1,3,5-Trimethylbenzene	Hexachlorobutadiene	1,4 Dichlorobenzene
Chlorobenzene	trans-1,2- Dichlorobenzene	1,2 Dichlorobenzene
Cis-1,2 Dichloroethylene		

Semivolitiles:		
Silvex	Dalapon	Picloram
Pentachlorophenol	Dinoseb	Dicamba
2,4-D	Bentzon	2,4-DB
2,4,5-T	MCPA	Dacthal

515.3 Reg WA Unreg

250 amber bottles ← Herbicides

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 06/13/12 By: CJohnson GW

SVL Work No: W2F0326 RBAGWI ~~RPGW~~

Item	Description	V	VC	NV	NA	Comments Proj. Rath. Prairie
1	Client or project name	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				06/13/12 @ 1323
3	Received by	✓				CJohnson
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				yes
6	Custody tape/bottle seals	✓				no
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				cool, ~~HNO_3~~ pres by client H_2SO_4 pres by client, H_2SO_4 VOA ~~HCl VOA pres/used by client~~
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				~~CDA~~ Kellogg: HCO_3, Cl, SO_4, Br Ca, Na, Mg, K, As, U TOC Subcontract: Analek VOC = (EPA524.3) SOC (EPA555.3) Energy Radium 226 Radium 228
18	Shipper's air bill					

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill ~~client~~ client

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-001 **Sampling Date** 6/14/2012 **Date/Time Received** 6/19/2012 11:40 AM
Client Sample ID HVWS **Sampling Time** 8:10 AM
Matrix Drinking Water **Sample Location** W2F0365-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-001 **Sampling Date** 6/14/2012 **Date/Time Received** 6/19/2012 11:40 AM
Client Sample ID HVWS **Sampling Time** 8:10 AM
Matrix Drinking Water **Sample Location** W2F0365-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number	120620032-001	**Sampling Date**	6/14/2012	**Date/Time Received**	6/19/2012	11:40 AM
Client Sample ID	HVWS	**Sampling Time**	8:10 AM			
Matrix	Drinking Water	**Sample Location**	W2F0365-01			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number	120620032-002	**Sampling Date**	6/14/2012	**Date/Time Received**	6/19/2012	11:40 AM
Client Sample ID	BTRE	**Sampling Time**	9:10 AM			
Matrix	Drinking Water	**Sample Location**	W2F0365-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-002 **Sampling Date** 6/14/2012 **Date/Time Received** 6/19/2012 11:40 AM
Client Sample ID BTRE **Sampling Time** 9:10 AM
Matrix Drinking Water **Sample Location** W2F0365-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number	120620032-002	**Sampling Date**	6/14/2012	**Date/Time Received**	6/19/2012	11:40 AM
Client Sample ID	BTRE	**Sampling Time**	9:10 AM			
Matrix	Drinking Water	**Sample Location**	W2F0365-02			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-003
Client Sample ID RAES
Matrix Drinking Water
Comments

Sampling Date 6/14/2012
Sampling Time 11:45 AM
Sample Location W2F0365-03

Date/Time Received 6/19/2012 11:40 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-003 **Sampling Date** 6/14/2012 **Date/Time Received** 6/19/2012 11:40 AM
Client Sample ID RAES **Sampling Time** 11:45 AM
Matrix Drinking Water **Sample Location** W2F0365-03
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number	120620032-003	**Sampling Date**	6/14/2012	**Date/Time Received**	6/19/2012	11:40 AM
Client Sample ID	RAES	**Sampling Time**	11:45 AM			
Matrix	Drinking Water	**Sample Location**	W2F0365-03			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	9.90	µg/L	10	99.0	70-130	6/21/2012	6/21/2012
Toluene	10.1	µg/L	10	101.0	70-130	6/21/2012	6/21/2012
Tetrachloroethene	9.77	µg/L	10	97.7	70-130	6/21/2012	6/21/2012
o-Xylene	10.7	µg/L	10	107.0	70-130	6/21/2012	6/21/2012
Ethylbenzene	10.2	µg/L	10	102.0	70-130	6/21/2012	6/21/2012
Chlorobenzene	9.99	µg/L	10	99.9	70-130	6/21/2012	6/21/2012
Benzene	10.2	µg/L	10	102.0	70-130	6/21/2012	6/21/2012
1,1-Dichloroethene	10.2	µg/L	10	102.0	70-130	6/21/2012	6/21/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120620027-001	Trichloroethene	ND	5.06	µg/L	5	101.2	70-130	6/21/2012	6/21/2012
120620027-001	Toluene	ND	5.24	µg/L	5	104.8	70-130	6/21/2012	6/21/2012
120620027-001	Tetrachloroethene	ND	4.92	µg/L	5	98.4	70-130	6/21/2012	6/21/2012
120620027-001	o-Xylene	ND	5.37	µg/L	5	107.4	70-130	6/21/2012	6/21/2012
120620027-001	Ethylbenzene	ND	5.31	µg/L	5	106.2	70-130	6/21/2012	6/21/2012
120620027-001	Chlorobenzene	ND	5.16	µg/L	5	103.2	70-130	6/21/2012	6/21/2012
120620027-001	Benzene	ND	5.29	µg/L	5	105.8	70-130	6/21/2012	6/21/2012
120620027-001	1,1-Dichloroethene	ND	5.24	µg/L	5	104.8	70-130	6/21/2012	6/21/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Trichloroethene	4.95	µg/L	5	99.0	2.2	0-20	6/21/2012	6/21/2012
Toluene	5.12	µg/L	5	102.4	2.3	0-20	6/21/2012	6/21/2012
Tetrachloroethene	4.70	µg/L	5	94.0	4.6	0-20	6/21/2012	6/21/2012
o-Xylene	5.29	µg/L	5	105.8	1.5	0-20	6/21/2012	6/21/2012
Ethylbenzene	5.21	µg/L	5	104.2	1.9	0-20	6/21/2012	6/21/2012
Chlorobenzene	5.04	µg/L	5	100.8	2.4	0-20	6/21/2012	6/21/2012
Benzene	5.12	µg/L	5	102.4	3.3	0-20	6/21/2012	6/21/2012
1,1-Dichloroethene	5.11	µg/L	5	102.2	2.5	0-20	6/21/2012	6/21/2012

Method Blank

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Quality Control Data

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1-Dichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1-Dichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1-dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dibromoethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3-Dichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	6/21/2012
2,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Butanone	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Chlorotoluene	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	6/21/2012
4-Bromofluorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
4-Chlorotoluene	ND	µg/L	0.5	6/21/2012	6/21/2012
Acrolein	ND	µg/L	0.5	6/21/2012	6/21/2012
Acrylonitrile	ND	µg/L	0.5	6/21/2012	6/21/2012
Benzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromochloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromodichloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromoform	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromomethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Carbon disulfide	ND	µg/L	0.5	6/21/2012	6/21/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Carbon Tetrachloride	ND	µg/L	0.5	6/21/2012	6/21/2012
Chlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Chloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Chloroform	ND	µg/L	0.5	6/21/2012	6/21/2012
Chloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
Dibromochloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Dibromomethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Dichlorodifluoromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Diethyl ether	ND	µg/L	0.5	6/21/2012	6/21/2012
Ethylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Hexachlorobutadiene	ND	µg/L	0.5	6/21/2012	6/21/2012
Iodomethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Isopropylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
m+p-Xylene	ND	µg/L	0.5	6/21/2012	6/21/2012
Methylene chloride	ND	µg/L	0.5	6/21/2012	6/21/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/21/2012	6/21/2012
Naphthalene	ND	µg/L	0.5	6/21/2012	6/21/2012
n-Butylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Nitrobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
n-Propylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
o-Xylene	ND	µg/L	0.5	6/21/2012	6/21/2012
p-isopropyltoluene	ND	µg/L	0.5	6/21/2012	6/21/2012
sec-Butylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Styrene	ND	µg/L	0.5	6/21/2012	6/21/2012
tert-Butylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Tetrachloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
Toluene	ND	µg/L	0.5	6/21/2012	6/21/2012
Total Xylene	ND	µg/L	0.5	6/21/2012	6/21/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/21/2012	6/21/2012
Trichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
Trichloroflouromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Vinyl acetate	ND	µg/L	0.5	6/21/2012	6/21/2012
Vinyl Chloride	ND	µg/L	0.5	6/21/2012	6/21/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client:	IDEQ	**Batch #:**	120620032
Address:	2110 IRONWOOD PARKWAY	**Project Name:**	SVL #W2F0365
	COEUR D'ALENE, ID 83814		
Attn:	GARY STEVENS		

Analytical Results Report

Quality Control Data

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-001 **Sampling Date** 6/14/2012 **Date/Time Received** 6/19/2012 11:40 AM
Client Sample ID HVWS **Sampling Time** 8:10 AM
Matrix Drinking Water **Sample Location** W2F0365-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/28/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/25/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/25/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/25/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number 120620032-002 **Sampling Date** 6/14/2012 **Date/Time Received** 6/19/2012 11:40 AM
Client Sample ID BTRE **Sampling Time** 9:10 AM
Matrix Drinking Water **Sample Location** W2F0365-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/28/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/25/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/25/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/25/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Sample Number	120620032-003	**Sampling Date**	6/14/2012	**Date/Time Received**	6/19/2012	11:40 AM
Client Sample ID	RAES	**Sampling Time**	11:45 AM			
Matrix	Drinking Water	**Sample Location**	W2F0365-03			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/28/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/25/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/25/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/25/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.26	ug/L	5	85.2	70-130	6/25/2012	6/25/2012
Pentachlorophenol	5.65	ug/L	5	113.0	70-130	6/25/2012	6/25/2012
Dinoseb	5.02	ug/L	5	100.4	70-130	6/25/2012	6/25/2012
Dicamba	5.39	ug/L	5	107.8	70-130	6/25/2012	6/25/2012
Dalapon	5.42	ug/L	5	108.4	70-130	6/25/2012	6/25/2012
2,4-DB	5.02	ug/L	5	100.4	70-130	6/25/2012	6/25/2012
2,4-D	5.18	ug/L	5	103.6	70-130	6/25/2012	6/25/2012
2,4,5-TP (Silvex)	4.68	ug/L	5	93.6	70-130	6/25/2012	6/25/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120620003-004	Picloram	ND	4.28	ug/L	5	85.6	70-130	6/25/2012	6/25/2012
120620003-004	Pentachlorophenol	ND	5.63	ug/L	5	112.6	70-130	6/25/2012	6/25/2012
120620003-004	Dinoseb	ND	4.90	ug/L	5	98.0	70-130	6/25/2012	6/25/2012
120620003-004	Dicamba	ND	5.45	ug/L	5	109.0	70-130	6/25/2012	6/25/2012
120620003-004	Dalapon	ND	6.26	ug/L	5	125.2	70-130	6/25/2012	6/25/2012
120620003-004	2,4-DB	ND	4.88	ug/L	5	97.6	70-130	6/25/2012	6/25/2012
120620003-004	2,4-D	ND	5.13	ug/L	5	102.6	70-130	6/25/2012	6/25/2012
120620003-004	2,4,5-TP (Silvex)	ND	4.68	ug/L	5	93.6	70-130	6/25/2012	6/25/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.16	ug/L	5	83.2	2.8	0-25	6/25/2012	6/25/2012
Pentachlorophenol	5.43	ug/L	5	108.6	3.6	0-25	6/25/2012	6/25/2012
Dinoseb	4.81	ug/L	5	96.2	1.9	0-25	6/25/2012	6/25/2012
Dicamba	5.27	ug/L	5	105.4	3.4	0-25	6/25/2012	6/25/2012
Dalapon	6.01	ug/L	5	120.2	4.1	0-25	6/25/2012	6/25/2012
2,4-DB	4.84	ug/L	5	96.8	0.8	0-25	6/25/2012	6/25/2012
2,4-D	5.05	ug/L	5	101.0	1.6	0-25	6/25/2012	6/25/2012
2,4,5-TP (Silvex)	4.52	ug/L	5	90.4	3.5	0-25	6/25/2012	6/25/2012

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620032
Project Name: SVL #W2F0365

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	6/25/2012
2,4-D	ND	ug/L	0.1	6/25/2012	6/25/2012
2,4-DB	ND	ug/L	0.1	6/25/2012	6/25/2012
Dalapon	ND	ug/L	0.1	6/25/2012	6/25/2012
Dicamba	ND	ug/L	0.1	6/25/2012	6/25/2012
Dinoseb	ND	ug/L	0.1	6/25/2012	6/25/2012
Pentachlorophenol	ND	ug/L	0.08	6/25/2012	6/25/2012
Picloram	ND	ug/L	0.1	6/25/2012	6/25/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120620032
Order Date: 6/20/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0365

Comment:

Sample #: 120620032-001 **Customer Sample #:** HVWS

Recv'd: ☑ **Collector:** **Date Collected:** 6/14/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/19/2012 11:40:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/29/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/29/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/29/2012	***Normal (6-10 Days)***

Sample #: 120620032-002 **Customer Sample #:** BTRE

Recv'd: ☑ **Collector:** **Date Collected:** 6/14/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/19/2012 11:40:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/29/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/29/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/29/2012	***Normal (6-10 Days)***

Sample #: 120620032-003 **Customer Sample #:** RAES

Recv'd: ☑ **Collector:** **Date Collected:** 6/14/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/19/2012 11:40:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/29/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/29/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/29/2012	***Normal (6-10 Days)***

Customer Name: IDEQ

2110 IRONWOOD PARKWAY

COEUR D'ALENE ID 83814

Order ID: 120620032

Order Date: 6/20/2012

Contact Name: GARY STEVENS

Project Name: SVL #W2F0365

Comment:

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	6.0
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	No
Labels and chain agree?	Yes

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Sample Number 120620034-001 **Sampling Date** 6/18/2012 **Date/Time Received** 6/19/2012 4:15 PM
Client Sample ID DIBE **Sampling Time** 8:45 AM
Matrix Drinking Water **Sample Location** W2F0427-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Sample Number 120620034-001
Client Sample ID DIBE
Matrix Drinking Water
Comments

Sampling Date 6/18/2012
Sampling Time 8:45 AM
Sample Location W2F0427-01

Date/Time Received 6/19/2012 4:15 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Sample Number	120620034-001	**Sampling Date**	6/18/2012	**Date/Time Received**	6/19/2012	4:15 PM
Client Sample ID	DIBE	**Sampling Time**	8:45 AM			
Matrix	Drinking Water	**Sample Location**	W2F0427-01			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/21/2012	SAT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	9.90	µg/L	10	99.0	70-130	6/21/2012	6/21/2012
Toluene	10.1	µg/L	10	101.0	70-130	6/21/2012	6/21/2012
Tetrachloroethene	9.77	µg/L	10	97.7	70-130	6/21/2012	6/21/2012
o-Xylene	10.7	µg/L	10	107.0	70-130	6/21/2012	6/21/2012
Ethylbenzene	10.2	µg/L	10	102.0	70-130	6/21/2012	6/21/2012
Chlorobenzene	9.99	µg/L	10	99.9	70-130	6/21/2012	6/21/2012
Benzene	10.2	µg/L	10	102.0	70-130	6/21/2012	6/21/2012
1,1-Dichloroethene	10.2	µg/L	10	102.0	70-130	6/21/2012	6/21/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120620027-001	Trichloroethene	ND	5.06	µg/L	5	101.2	70-130	6/21/2012	6/21/2012
120620027-001	Toluene	ND	5.24	µg/L	5	104.8	70-130	6/21/2012	6/21/2012
120620027-001	Tetrachloroethene	ND	4.92	µg/L	5	98.4	70-130	6/21/2012	6/21/2012
120620027-001	o-Xylene	ND	5.37	µg/L	5	107.4	70-130	6/21/2012	6/21/2012
120620027-001	Ethylbenzene	ND	5.31	µg/L	5	106.2	70-130	6/21/2012	6/21/2012
120620027-001	Chlorobenzene	ND	5.16	µg/L	5	103.2	70-130	6/21/2012	6/21/2012
120620027-001	Benzene	ND	5.29	µg/L	5	105.8	70-130	6/21/2012	6/21/2012
120620027-001	1,1-Dichloroethene	ND	5.24	µg/L	5	104.8	70-130	6/21/2012	6/21/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Trichloroethene	4.95	µg/L	5	99.0	2.2	0-20	6/21/2012	6/21/2012
Toluene	5.12	µg/L	5	102.4	2.3	0-20	6/21/2012	6/21/2012
Tetrachloroethene	4.70	µg/L	5	94.0	4.6	0-20	6/21/2012	6/21/2012
o-Xylene	5.29	µg/L	5	105.8	1.5	0-20	6/21/2012	6/21/2012
Ethylbenzene	5.21	µg/L	5	104.2	1.9	0-20	6/21/2012	6/21/2012
Chlorobenzene	5.04	µg/L	5	100.8	2.4	0-20	6/21/2012	6/21/2012
Benzene	5.12	µg/L	5	102.4	3.3	0-20	6/21/2012	6/21/2012
1,1-Dichloroethene	5.11	µg/L	5	102.2	2.5	0-20	6/21/2012	6/21/2012

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1-Dichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1-Dichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,1-dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dibromoethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dichloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3-Dichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
1-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	6/21/2012
2,2-Dichloropropane	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Butanone	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Chlorotoluene	ND	µg/L	0.5	6/21/2012	6/21/2012
2-Methylnaphthalene	ND	µg/L	0.5	6/21/2012	6/21/2012
4-Bromofluorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
4-Chlorotoluene	ND	µg/L	0.5	6/21/2012	6/21/2012
Acrolein	ND	µg/L	0.5	6/21/2012	6/21/2012
Acrylonitrile	ND	µg/L	0.5	6/21/2012	6/21/2012
Benzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromochloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromodichloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Bromoform	ND	µg/L	0.5	6/21/2012	6/21/2012
Bromomethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Carbon disulfide	ND	µg/L	0.5	6/21/2012	6/21/2012
Carbon Tetrachloride	ND	µg/L	0.5	6/21/2012	6/21/2012
Chlorobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Chloroethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Chloroform	ND	µg/L	0.5	6/21/2012	6/21/2012
Chloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012
Dibromochloromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Dibromomethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Dichlorodifluoromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Diethyl ether	ND	µg/L	0.5	6/21/2012	6/21/2012
Ethylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Hexachlorobutadiene	ND	µg/L	0.5	6/21/2012	6/21/2012
Iodomethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Isopropylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
m+p-Xylene	ND	µg/L	0.5	6/21/2012	6/21/2012
Methylene chloride	ND	µg/L	0.5	6/21/2012	6/21/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/21/2012	6/21/2012
Naphthalene	ND	µg/L	0.5	6/21/2012	6/21/2012
n-Butylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Nitrobenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
n-Propylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
o-Xylene	ND	µg/L	0.5	6/21/2012	6/21/2012
p-isopropyltoluene	ND	µg/L	0.5	6/21/2012	6/21/2012
sec-Butylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Styrene	ND	µg/L	0.5	6/21/2012	6/21/2012
tert-Butylbenzene	ND	µg/L	0.5	6/21/2012	6/21/2012
Tetrachloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
Toluene	ND	µg/L	0.5	6/21/2012	6/21/2012
Total Xylene	ND	µg/L	0.5	6/21/2012	6/21/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/21/2012	6/21/2012

Comments:

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Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/21/2012	6/21/2012
Trichloroethene	ND	µg/L	0.5	6/21/2012	6/21/2012
Trichlorofloуromethane	ND	µg/L	0.5	6/21/2012	6/21/2012
Vinyl acetate	ND	µg/L	0.5	6/21/2012	6/21/2012
Vinyl Chloride	ND	µg/L	0.5	6/21/2012	6/21/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

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Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Sample Number 120620034-001 **Sampling Date** 6/18/2012 **Date/Time Received** 6/19/2012 4:15 PM
Client Sample ID DIBE **Sampling Time** 8:45 AM
Matrix Drinking Water **Sample Location** W2F0427-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/28/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/25/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/25/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/25/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/25/2012	MAH	EPA 515.3	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.26	ug/L	5	85.2	70-130	6/25/2012	6/25/2012
Pentachlorophenol	5.65	ug/L	5	113.0	70-130	6/25/2012	6/25/2012
Dinoseb	5.02	ug/L	5	100.4	70-130	6/25/2012	6/25/2012
Dicamba	5.39	ug/L	5	107.8	70-130	6/25/2012	6/25/2012
Dalapon	5.42	ug/L	5	108.4	70-130	6/25/2012	6/25/2012
2,4-DB	5.02	ug/L	5	100.4	70-130	6/25/2012	6/25/2012
2,4-D	5.18	ug/L	5	103.6	70-130	6/25/2012	6/25/2012
2,4,5-TP (Silvex)	4.68	ug/L	5	93.6	70-130	6/25/2012	6/25/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120620003-004	Picloram	ND	4.28	ug/L	5	85.6	70-130	6/25/2012	6/25/2012
120620003-004	Pentachlorophenol	ND	5.63	ug/L	5	112.6	70-130	6/25/2012	6/25/2012
120620003-004	Dinoseb	ND	4.90	ug/L	5	98.0	70-130	6/25/2012	6/25/2012
120620003-004	Dicamba	ND	5.45	ug/L	5	109.0	70-130	6/25/2012	6/25/2012
120620003-004	Dalapon	ND	6.26	ug/L	5	125.2	70-130	6/25/2012	6/25/2012
120620003-004	2,4-DB	ND	4.88	ug/L	5	97.6	70-130	6/25/2012	6/25/2012
120620003-004	2,4-D	ND	5.13	ug/L	5	102.6	70-130	6/25/2012	6/25/2012
120620003-004	2,4,5-TP (Silvex)	ND	4.68	ug/L	5	93.6	70-130	6/25/2012	6/25/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.16	ug/L	5	83.2	2.8	0-25	6/25/2012	6/25/2012
Pentachlorophenol	5.43	ug/L	5	108.6	3.6	0-25	6/25/2012	6/25/2012
Dinoseb	4.81	ug/L	5	96.2	1.9	0-25	6/25/2012	6/25/2012
Dicamba	5.27	ug/L	5	105.4	3.4	0-25	6/25/2012	6/25/2012
Dalapon	6.01	ug/L	5	120.2	4.1	0-25	6/25/2012	6/25/2012
2,4-DB	4.84	ug/L	5	96.8	0.8	0-25	6/25/2012	6/25/2012
2,4-D	5.05	ug/L	5	101.0	1.6	0-25	6/25/2012	6/25/2012
2,4,5-TP (Silvex)	4.52	ug/L	5	90.4	3.5	0-25	6/25/2012	6/25/2012

Comments:

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120620034
Project Name: SVL #W2F0427

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	6/25/2012
2,4-D	ND	ug/L	0.1	6/25/2012	6/25/2012
2,4-DB	ND	ug/L	0.1	6/25/2012	6/25/2012
Dalapon	ND	ug/L	0.1	6/25/2012	6/25/2012
Dicamba	ND	ug/L	0.1	6/25/2012	6/25/2012
Dinoseb	ND	ug/L	0.1	6/25/2012	6/25/2012
Pentachlorophenol	ND	ug/L	0.08	6/25/2012	6/25/2012
Picloram	ND	ug/L	0.1	6/25/2012	6/25/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120620034
Order Date: 6/20/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0427

Comment:

Sample #: 120620034-001 **Customer Sample #:** DIBE

Recv'd: ☑ **Collector:** **Date Collected:** 6/18/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/19/2012 4:15:00 P
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	6/29/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	6/29/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	6/29/2012	***Normal (6-10 Days)***

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	5.6
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	No
Labels and chain agree?	Yes

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Sample Number 120621031-001 **Sampling Date** 6/19/2012 **Date/Time Received** 6/21/2012 11:50 AM
Client Sample ID ALPWS **Sampling Time** 10:20 AM
Matrix Drinking Water **Sample Location** W2F0456-01
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
2,2-Dichloropropane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Sample Number 120621031-001
Client Sample ID ALPWS
Matrix Drinking Water
Comments

Sampling Date 6/19/2012
Sampling Time 10:20 AM
Sample Location W2F0456-01

Date/Time Received 6/21/2012 11:50 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromochloromethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
n-Propylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Sample Number	120621031-001	**Sampling Date**	6/19/2012	**Date/Time Received**	6/21/2012	11:50 AM
Client Sample ID	ALPWS	**Sampling Time**	10:20 AM			
Matrix	Drinking Water	**Sample Location**	W2F0456-01			
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	6/28/2012	SAT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	9.72	µg/L	10	97.2	70-130	6/28/2012	6/28/2012
Toluene	10.0	µg/L	10	100.0	70-130	6/28/2012	6/28/2012
Tetrachloroethene	9.31	µg/L	10	93.1	70-130	6/28/2012	6/28/2012
o-Xylene	9.84	µg/L	10	98.4	70-130	6/28/2012	6/28/2012
Ethylbenzene	9.67	µg/L	10	96.7	70-130	6/28/2012	6/28/2012
Chlorobenzene	9.71	µg/L	10	97.1	70-130	6/28/2012	6/28/2012
Benzene	10.2	µg/L	10	102.0	70-130	6/28/2012	6/28/2012
1,1-Dichloroethene	9.75	µg/L	10	97.5	70-130	6/28/2012	6/28/2012

Lab Control Sample Duplicate

Parameter	LCSD Result	Units	LCSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Trichloroethene	10.2	µg/L	10	102.0	4.8	0-20	6/28/2012	6/28/2012
Toluene	10.5	µg/L	10	105.0	4.9	0-20	6/28/2012	6/28/2012
Tetrachloroethene	9.63	µg/L	10	96.3	3.4	0-20	6/28/2012	6/28/2012
Ethylbenzene	9.82	µg/L	10	98.2	1.5	0-20	6/28/2012	6/28/2012
Chlorobenzene	9.99	µg/L	10	99.9	2.8	0-20	6/28/2012	6/28/2012
Benzene	10.6	µg/L	10	106.0	3.8	0-20	6/28/2012	6/28/2012
1,1-Dichloroethene	10.4	µg/L	10	104.0	6.5	0-20	6/28/2012	6/28/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120622018-001	Trichloroethene	ND	5.13	µg/L	5	102.6	70-130	6/28/2012	6/28/2012
120622018-001	Toluene	ND	4.66	µg/L	5	93.2	70-130	6/28/2012	6/28/2012
120622018-001	Tetrachloroethene	ND	4.91	µg/L	5	98.2	70-130	6/28/2012	6/28/2012
120622018-001	o-Xylene	ND	2.34	µg/L	5	46.8	70-130	6/28/2012	6/28/2012
120622018-001	Ethylbenzene	ND	4.46	µg/L	5	89.2	70-130	6/28/2012	6/28/2012
120622018-001	Chlorobenzene	ND	5.10	µg/L	5	102.0	70-130	6/28/2012	6/28/2012
120622018-001	Benzene	ND	5.30	µg/L	5	106.0	70-130	6/28/2012	6/28/2012
120622018-001	1,1-Dichloroethene	ND	5.32	µg/L	5	106.4	70-130	6/28/2012	6/28/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,1-Dichloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,1-Dichloroethene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,1-dichloropropene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2,4-Trimethylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2-Dibromoethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2-Dichloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,2-Dichloropropane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,3-Dichloropropane	ND	µg/L	0.5	6/28/2012	6/28/2012
1,3-Dichloropropene	ND	µg/L	0.5	6/28/2012	6/28/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
1-Methylnaphthalene	ND	µg/L	0.5	6/28/2012	6/28/2012
2,2-Dichloropropane	ND	µg/L	0.5	6/28/2012	6/28/2012
2-Butanone	ND	µg/L	0.5	6/28/2012	6/28/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	6/28/2012	6/28/2012
2-Chlorotoluene	ND	µg/L	0.5	6/28/2012	6/28/2012
2-Methylnaphthalene	ND	µg/L	0.5	6/28/2012	6/28/2012
4-Bromofluorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
4-Chlorotoluene	ND	µg/L	0.5	6/28/2012	6/28/2012
Acrolein	ND	µg/L	0.5	6/28/2012	6/28/2012
Acrylonitrile	ND	µg/L	0.5	6/28/2012	6/28/2012
Benzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Bromobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Bromochloromethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Bromodichloromethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Bromoform	ND	µg/L	0.5	6/28/2012	6/28/2012

Comments:

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Bromomethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Carbon disulfide	ND	µg/L	0.5	6/28/2012	6/28/2012
Carbon Tetrachloride	ND	µg/L	0.5	6/28/2012	6/28/2012
Chlorobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Chloroethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Chloroform	ND	µg/L	0.5	6/28/2012	6/28/2012
Chloromethane	ND	µg/L	0.5	6/28/2012	6/28/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	6/28/2012	6/28/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	6/28/2012	6/28/2012
Dibromochloromethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Dibromomethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Dichlorodifluoromethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Diethyl ether	ND	µg/L	0.5	6/28/2012	6/28/2012
Ethylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Hexachlorobutadiene	ND	µg/L	0.5	6/28/2012	6/28/2012
Iodomethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Isopropylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
m+p-Xylene	ND	µg/L	0.5	6/28/2012	6/28/2012
Methylene chloride	ND	µg/L	0.5	6/28/2012	6/28/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	6/28/2012	6/28/2012
Naphthalene	ND	µg/L	0.5	6/28/2012	6/28/2012
n-Butylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Nitrobenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
n-Propylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
o-Xylene	ND	µg/L	0.5	6/28/2012	6/28/2012
p-isopropyltoluene	ND	µg/L	0.5	6/28/2012	6/28/2012
sec-Butylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Styrene	ND	µg/L	0.5	6/28/2012	6/28/2012
tert-Butylbenzene	ND	µg/L	0.5	6/28/2012	6/28/2012
Tetrachloroethene	ND	µg/L	0.5	6/28/2012	6/28/2012
Toluene	ND	µg/L	0.5	6/28/2012	6/28/2012
Total Xylene	ND	µg/L	0.5	6/28/2012	6/28/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	6/28/2012	6/28/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	6/28/2012	6/28/2012
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	6/28/2012	6/28/2012
Trichloroethene	ND	µg/L	0.5	6/28/2012	6/28/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Trichloroflouromethane	ND	µg/L	0.5	6/28/2012	6/28/2012
Vinyl acetate	ND	µg/L	0.5	6/28/2012	6/28/2012
Vinyl Chloride	ND	µg/L	0.5	6/28/2012	6/28/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Sample Number	120621031-001	**Sampling Date**	6/19/2012	**Date/Time Received**	6/21/2012 11:50 AM
Client Sample ID	ALPWS	**Sampling Time**	10:20 AM		
Matrix	Drinking Water	**Sample Location**	W2F0456-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.5	6/28/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	6/26/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	6/26/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	6/26/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	6/26/2012	MAH	EPA 515.3	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.26	ug/L	5	85.2	70-130	6/25/2012	6/25/2012
Pentachlorophenol	5.65	ug/L	5	113.0	70-130	6/25/2012	6/25/2012
Dinoseb	5.02	ug/L	5	100.4	70-130	6/25/2012	6/25/2012
Dicamba	5.39	ug/L	5	107.8	70-130	6/25/2012	6/25/2012
Dalapon	5.42	ug/L	5	108.4	70-130	6/25/2012	6/25/2012
2,4-DB	5.02	ug/L	5	100.4	70-130	6/25/2012	6/25/2012
2,4-D	5.18	ug/L	5	103.6	70-130	6/25/2012	6/25/2012
2,4,5-TP (Silvex)	4.68	ug/L	5	93.6	70-130	6/25/2012	6/25/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120620003-004	Picloram	ND	4.28	ug/L	5	85.6	70-130	6/25/2012	6/25/2012
120620003-004	Pentachlorophenol	ND	5.63	ug/L	5	112.6	70-130	6/25/2012	6/25/2012
120620003-004	Dinoseb	ND	4.90	ug/L	5	98.0	70-130	6/25/2012	6/25/2012
120620003-004	Dicamba	ND	5.45	ug/L	5	109.0	70-130	6/25/2012	6/25/2012
120620003-004	Dalapon	ND	6.26	ug/L	5	125.2	70-130	6/25/2012	6/25/2012
120620003-004	2,4-DB	ND	4.88	ug/L	5	97.6	70-130	6/25/2012	6/25/2012
120620003-004	2,4-D	ND	5.13	ug/L	5	102.6	70-130	6/25/2012	6/25/2012
120620003-004	2,4,5-TP (Silvex)	ND	4.68	ug/L	5	93.6	70-130	6/25/2012	6/25/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.16	ug/L	5	83.2	2.8	0-25	6/25/2012	6/25/2012
Pentachlorophenol	5.43	ug/L	5	108.6	3.6	0-25	6/25/2012	6/25/2012
Dinoseb	4.81	ug/L	5	96.2	1.9	0-25	6/25/2012	6/25/2012
Dicamba	5.27	ug/L	5	105.4	3.4	0-25	6/25/2012	6/25/2012
Dalapon	6.01	ug/L	5	120.2	4.1	0-25	6/25/2012	6/25/2012
2,4-DB	4.84	ug/L	5	96.8	0.8	0-25	6/25/2012	6/25/2012
2,4-D	5.05	ug/L	5	101.0	1.6	0-25	6/25/2012	6/25/2012
2,4,5-TP (Silvex)	4.52	ug/L	5	90.4	3.5	0-25	6/25/2012	6/25/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120621031
Project Name: SVL #W2F0456

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/25/2012	6/25/2012
2,4-D	ND	ug/L	0.1	6/25/2012	6/25/2012
2,4-DB	ND	ug/L	0.1	6/25/2012	6/25/2012
Dalapon	ND	ug/L	0.1	6/25/2012	6/25/2012
Dicamba	ND	ug/L	0.1	6/25/2012	6/25/2012
Dinoseb	ND	ug/L	0.1	6/25/2012	6/25/2012
Pentachlorophenol	ND	ug/L	0.08	6/25/2012	6/25/2012
Picloram	ND	ug/L	0.1	6/25/2012	6/25/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120621031
Order Date: 6/21/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0456

Comment:

Sample #: 120621031-001 **Customer Sample #:** ALPWS

Recv'd: ☑ **Collector:** **Date Collected:** 6/19/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/21/2012 11:50:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	7/3/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	7/3/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	7/3/2012	***Normal (6-10 Days)***

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	4.9
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	No
Labels and chain agree?	Yes

Anatek Labs, Inc.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Sample Number 120628018-001
Client Sample ID HWY54
Matrix Drinking Water
Comments

Sampling Date 6/26/2012
Sampling Time 10:40 AM
Sample Location W2F0654-01

Date/Time Received 6/28/2012 11:44 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	ug/L	0.1	7/5/2012	TGT	EPA 8151A	
2,4,5-T	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
2,4,5-TP (Silvex)	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
2,4-D	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
2,4-DB	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
Bentazon	ND	ug/L	0.5	7/4/2012	MAH	EPA 515.3	
Dacthal	ND	ug/L	0.02	7/4/2012	MAH	EPA 515.3	
Dalapon	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
Dicamba	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
Dinoseb	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.04	7/4/2012	MAH	EPA 515.3	
Picloram	ND	ug/L	0.1	7/4/2012	MAH	EPA 515.3	
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,1,1-Trichloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,1,2-Trichloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,1-Dichloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,1-Dichloroethene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,1-dichloropropene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2,3-Trichloropropane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2-Dibromoethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2-Dichlorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2-Dichloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,2-Dichloropropane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,3-Dichlorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,3-Dichloropropane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,3-Dichloropropene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1,4-Dichlorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
1-Methylnaphthalene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Sample Number 120628018-001
Client Sample ID HWY54
Matrix Drinking Water
Comments

Sampling Date 6/26/2012
Sampling Time 10:40 AM
Sample Location W2F0654-01

Date/Time Received 6/28/2012 11:44 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,2-Dichloropropane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
2-Butanone	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
2-Chlorotoluene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
2-Methylnaphthalene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
4-Bromofluorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
4-Chlorotoluene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Acrolein	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Acrylonitrile	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Benzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Bromobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Bromochloromethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Bromodichloromethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Bromoform	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Bromomethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Carbon disulfide	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Carbon Tetrachloride	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Chlorobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Chloroethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Chloroform	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Chloromethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
cis-1,2-dichloroethene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
cis-1,3-Dichloropropene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Dibromochloromethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Dibromomethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Dichlorodifluoromethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Diethyl ether	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Ethylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Hexachlorobutadiene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Iodomethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Isopropylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
m+p-Xylene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Methylene chloride	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Naphthalene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
n-Butylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Nitrobenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Sample Number	120628018-001	**Sampling Date**	6/26/2012	**Date/Time Received**	6/28/2012 11:44 AM
Client Sample ID	HWY54	**Sampling Time**	10:40 AM		
Matrix	Drinking Water	**Sample Location**	W2F0654-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
n-Propylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
o-Xylene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
p-isopropyltoluene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
sec-Butylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Styrene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
tert-Butylbenzene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Tetrachloroethene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Toluene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Total Xylene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
trans-1,2-Dichloroethene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
trans-1,3-Dichloropropene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Trichloroethene	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Trichloroflouromethane	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Vinyl acetate	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	
Vinyl Chloride	ND	µg/L	0.5	7/10/2012	SAT	EPA 524.2	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.69	ug/L	5	93.8	70-130	6/29/2012	7/4/2012
Pentachlorophenol	4.74	ug/L	5	94.8	70-130	6/29/2012	7/4/2012
Dinoseb	4.46	ug/L	5	89.2	70-130	6/29/2012	7/4/2012
Dicamba	4.53	ug/L	5	90.6	70-130	6/29/2012	7/4/2012
Dalapon	4.38	ug/L	5	87.6	70-130	6/29/2012	7/4/2012
2,4-DB	4.12	ug/L	5	82.4	70-130	6/29/2012	7/4/2012
2,4-D	4.40	ug/L	5	88.0	70-130	6/29/2012	7/4/2012
2,4,5-TP (Silvex)	4.28	ug/L	5	85.6	70-130	6/29/2012	7/4/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120627038-001	Picloram	ND	4.50	ug/L	5	90.0	70-130	6/29/2012	7/4/2012
120627038-001	Pentachlorophenol	ND	2.51	ug/L	5	50.2	70-130	6/29/2012	7/4/2012
120627038-001	Dinoseb	ND	2.71	ug/L	5	54.2	70-130	6/29/2012	7/4/2012
120627038-001	Dicamba	ND	4.40	ug/L	5	88.0	70-130	6/29/2012	7/4/2012
120627038-001	Dalapon	ND	3.77	ug/L	5	75.4	70-130	6/29/2012	7/4/2012
120627038-001	2,4-DB	ND	1.20	ug/L	5	24.0	70-130	6/29/2012	7/4/2012
120627038-001	2,4-D	ND	5.23	ug/L	5	104.6	70-130	6/29/2012	7/4/2012
120627038-001	2,4,5-TP (Silvex)	ND	3.65	ug/L	5	73.0	70-130	6/29/2012	7/4/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.17	ug/L	5	83.4	7.6	0-25	6/29/2012	7/4/2012
Pentachlorophenol	2.99	ug/L	5	59.8	17.5	0-25	6/29/2012	7/4/2012
Dinoseb	3.18	ug/L	5	63.6	16.0	0-25	6/29/2012	7/4/2012
Dicamba	4.55	ug/L	5	91.0	3.4	0-25	6/29/2012	7/4/2012
Dalapon	3.78	ug/L	5	75.6	0.3	0-25	6/29/2012	7/4/2012
2,4-DB	1.26	ug/L	5	25.2	4.9	0-25	6/29/2012	7/4/2012
2,4-D	5.27	ug/L	5	105.4	0.8	0-25	6/29/2012	7/4/2012
2,4,5-TP (Silvex)	3.89	ug/L	5	77.8	6.4	0-25	6/29/2012	7/4/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-TP (Silvex)	ND	ug/L	0.1	6/29/2012	7/4/2012
2,4-D	ND	ug/L	0.1	6/29/2012	7/4/2012
2,4-DB	ND	ug/L	0.1	6/29/2012	7/4/2012
Dalapon	ND	ug/L	0.1	6/29/2012	7/4/2012
Dicamba	ND	ug/L	0.1	6/29/2012	7/4/2012
Dinoseb	ND	ug/L	0.1	6/29/2012	7/4/2012
Pentachlorophenol	ND	ug/L	0.08	6/29/2012	7/4/2012
Picloram	ND	ug/L	0.1	6/29/2012	7/4/2012

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	10.3	µg/L	10	103.0	70-130	7/10/2012	7/10/2012
Toluene	9.78	µg/L	10	97.8	70-130	7/10/2012	7/10/2012
Tetrachloroethene	10.3	µg/L	10	103.0	70-130	7/10/2012	7/10/2012
o-Xylene	9.68	µg/L	10	96.8	70-130	7/10/2012	7/10/2012
Ethylbenzene	9.77	µg/L	10	97.7	70-130	7/10/2012	7/10/2012
Chlorobenzene	9.52	µg/L	10	95.2	70-130	7/10/2012	7/10/2012
Benzene	9.92	µg/L	10	99.2	70-130	7/10/2012	7/10/2012
1,1-Dichloroethene	10.5	µg/L	10	105.0	70-130	7/10/2012	7/10/2012

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
120628025-002	Trichloroethene	ND	5.17	µg/L	5	103.4	70-130	7/10/2012	7/10/2012
120628025-002	Toluene	ND	3.21	µg/L	5	64.2	70-130	7/10/2012	7/10/2012
120628025-002	Tetrachloroethene	ND	4.60	µg/L	5	92.0	70-130	7/10/2012	7/10/2012
120628025-002	o-Xylene	ND	0.22	µg/L	5	4.4	70-130	7/10/2012	7/10/2012
120628025-002	Ethylbenzene	ND	3.27	µg/L	5	65.4	70-130	7/10/2012	7/10/2012
120628025-002	Chlorobenzene	ND	5.06	µg/L	5	101.2	70-130	7/10/2012	7/10/2012
120628025-002	Benzene	ND	5.28	µg/L	5	105.6	70-130	7/10/2012	7/10/2012
120628025-002	1,1-Dichloroethene	ND	3.92	µg/L	5	78.4	70-130	7/10/2012	7/10/2012

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Trichloroethene	4.98	µg/L	5	99.6	3.7	0-20	7/10/2012	7/10/2012
Toluene	2.58	µg/L	5	51.6	21.8	0-20	7/10/2012	7/10/2012
Tetrachloroethene	4.37	µg/L	5	87.4	5.1	0-20	7/10/2012	7/10/2012
o-Xylene	0.09	µg/L	5	1.8	83.9	0-20	7/10/2012	7/10/2012
Ethylbenzene	2.68	µg/L	5	53.6	19.8	0-20	7/10/2012	7/10/2012
Chlorobenzene	4.67	µg/L	5	93.4	8.0	0-20	7/10/2012	7/10/2012
Benzene	5.03	µg/L	5	100.6	4.8	0-20	7/10/2012	7/10/2012
1,1-Dichloroethene	4.97	µg/L	5	99.4	23.6	0-20	7/10/2012	7/10/2012

Method Blank

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Quality Control Data

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,1,1-Trichloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,1,2-Trichloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,1-Dichloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,1-Dichloroethene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,1-dichloropropene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2,3-Trichlorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2,3-Trichloropropane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2,4-Trichlorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2,4-Trimethylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2-Dibromoethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2-Dichlorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2-Dichloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,2-Dichloropropane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,3,5-Trimethylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,3-Dichlorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,3-Dichloropropane	ND	µg/L	0.5	7/10/2012	7/10/2012
1,3-Dichloropropene	ND	µg/L	0.5	7/10/2012	7/10/2012
1,4-Dichlorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
1-Methylnaphthalene	ND	µg/L	0.5	7/10/2012	7/10/2012
2,2-Dichloropropane	ND	µg/L	0.5	7/10/2012	7/10/2012
2-Butanone	ND	µg/L	0.5	7/10/2012	7/10/2012
2-Chloroethyl vinyl ether	ND	µg/L	0.5	7/10/2012	7/10/2012
2-Chlorotoluene	ND	µg/L	0.5	7/10/2012	7/10/2012
2-Methylnaphthalene	ND	µg/L	0.5	7/10/2012	7/10/2012
4-Bromofluorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
4-Chlorotoluene	ND	µg/L	0.5	7/10/2012	7/10/2012
Acrolein	ND	µg/L	0.5	7/10/2012	7/10/2012
Acrylonitrile	ND	µg/L	0.5	7/10/2012	7/10/2012
Benzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Bromobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Bromochloromethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Bromodichloromethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Bromoform	ND	µg/L	0.5	7/10/2012	7/10/2012
Bromomethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Carbon disulfide	ND	µg/L	0.5	7/10/2012	7/10/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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Client: IDEQ
Address: 2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814
Attn: GARY STEVENS

Batch #: 120628018
Project Name: SVL #W2F0654

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Carbon Tetrachloride	ND	µg/L	0.5	7/10/2012	7/10/2012
Chlorobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Chloroethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Chloroform	ND	µg/L	0.5	7/10/2012	7/10/2012
Chloromethane	ND	µg/L	0.5	7/10/2012	7/10/2012
cis-1,2-dichloroethene	ND	µg/L	0.5	7/10/2012	7/10/2012
cis-1,3-Dichloropropene	ND	µg/L	0.5	7/10/2012	7/10/2012
Dibromochloromethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Dibromomethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Dichlorodifluoromethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Diethyl ether	ND	µg/L	0.5	7/10/2012	7/10/2012
Ethylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Hexachlorobutadiene	ND	µg/L	0.5	7/10/2012	7/10/2012
Iodomethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Isopropylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
m+p-Xylene	ND	µg/L	0.5	7/10/2012	7/10/2012
Methylene chloride	ND	µg/L	0.5	7/10/2012	7/10/2012
methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	7/10/2012	7/10/2012
Naphthalene	ND	µg/L	0.5	7/10/2012	7/10/2012
n-Butylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Nitrobenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
n-Propylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
o-Xylene	ND	µg/L	0.5	7/10/2012	7/10/2012
p-isopropyltoluene	ND	µg/L	0.5	7/10/2012	7/10/2012
sec-Butylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Styrene	ND	µg/L	0.5	7/10/2012	7/10/2012
tert-Butylbenzene	ND	µg/L	0.5	7/10/2012	7/10/2012
Tetrachloroethene	ND	µg/L	0.5	7/10/2012	7/10/2012
Toluene	ND	µg/L	0.5	7/10/2012	7/10/2012
Total Xylene	ND	µg/L	0.5	7/10/2012	7/10/2012
trans-1,2-Dichloroethene	ND	µg/L	0.5	7/10/2012	7/10/2012
trans-1,3-Dichloropropene	ND	µg/L	0.5	7/10/2012	7/10/2012
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	7/10/2012	7/10/2012
Trichloroethene	ND	µg/L	0.5	7/10/2012	7/10/2012
Trichlorofloуromethane	ND	µg/L	0.5	7/10/2012	7/10/2012
Vinyl acetate	ND	µg/L	0.5	7/10/2012	7/10/2012
Vinyl Chloride	ND	µg/L	0.5	7/10/2012	7/10/2012

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	IDEQ	**Batch #:**	120628018
Address:	2110 IRONWOOD PARKWAY	**Project Name:**	SVL #W2F0654
	COEUR D'ALENE, ID 83814		
Attn:	GARY STEVENS		

Analytical Results Report

Quality Control Data

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Login Report

Customer Name: IDEQ
2110 IRONWOOD PARKWAY
COEUR D'ALENE ID 83814

Order ID: 120628018
Order Date: 6/28/2012

Contact Name: GARY STEVENS
Project Name: SVL #W2F0654

Comment:

Sample #: 120628018-001 **Customer Sample #:** HWY54

Recv'd: ☑ **Collector:** **Date Collected:** 6/26/2012
Quantity: 3 **Matrix:** Drinking Water **Date Received:** 6/28/2012 11:44:00 A
Comment:

Test	Lab	Method	Due Date	Priority
HERBICIDE MISC	M	EPA 8151A	7/11/2012	***Normal (6-10 Days)***
HERBICIDES 515.3	M	EPA 515.3	7/11/2012	***Normal (6-10 Days)***
VOLATILES 524.2	M	EPA 524.2	7/11/2012	***Normal (6-10 Days)***

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	3.0
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	No
Labels and chain agree?	Yes

ENERGY LABORATORIES
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ANALYTICAL SUMMARY REPORT

July 16, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12060691

Project Name: 2F0236 Rathdrum PAGW Investigation

Energy Laboratories, Inc. Casper WY received the following 10 samples for SVL Analytical on 6/15/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12060691-001	PF #9	06/11/12 7:25	06/15/12	Groundwater	Radium 226, Total Radium 228, Total
C12060691-002	PFSP	06/11/12 8:08	06/15/12	Groundwater	Same As Above
C12060691-003	PF #6	06/11/12 9:00	06/15/12	Groundwater	Same As Above
C12060691-004	RPSY	06/11/12 10:23	06/15/12	Groundwater	Same As Above
C12060691-005	EGA #1	06/11/12 11:45	06/15/12	Groundwater	Same As Above
C12060691-006	EGA #2	06/11/12 12:15	06/15/12	Groundwater	Same As Above
C12060691-007	HLWA #1	06/11/12 13:05	06/15/12	Groundwater	Same As Above
C12060691-008	SL #4	06/11/12 14:08	06/15/12	Groundwater	Same As Above
C12060691-009	RATH G	06/11/12 15:05	06/15/12	Groundwater	Same As Above
C12060691-010	DUPLICATE #1	06/11/12 16:30	06/15/12	Groundwater	Same As Above

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Kathryn Hamre
Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2012.07.16 12:04:29 -06:00

CLIENT: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Sample Delivery Group: C12060691

Report Date: 07/16/12

CASE NARRATIVE

RA226 ANALYSIS
USNRC Regulatory Guide 4.14 provides guidance on Minimum Detectable Concentrations (MDC) that should be achieved in samples for this radionuclide. The sample-specific MDC for this sample was not achieved. Please consult with your local regulatory agency prior to using these results for compliance purposes.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-001
Client Sample ID: PF #9

Report Date: 07/16/12
Collection Date: 06/11/12 07:25
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.02	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.14	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.25	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	0.58	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	1.0	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.7	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-002
Client Sample ID: PFSP

Report Date: 07/16/12
Collection Date: 06/11/12 08:08
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.1	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.12	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.26	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	-0.7	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.99	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.7	pCi/L				RA-05	07/06/12 14:38 / gb

- See Case Narrative regarding Ra226 analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-003
Client Sample ID: PF #6

Report Date: 07/16/12
Collection Date: 06/11/12 09:00
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.1	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.1	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.24	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	0.52	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.98	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.6	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-004
Client Sample ID: RPSY

Report Date: 07/16/12
Collection Date: 06/11/12 10:23
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.06	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.15	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.25	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	-0.3	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.98	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.7	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-005
Client Sample ID: EGA #1

Report Date: 07/16/12
Collection Date: 06/11/12 11:45
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.06	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.11	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.22	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	-0.5	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.87	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.5	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-006
Client Sample ID: EGA #2

Report Date: 07/16/12
Collection Date: 06/11/12 12:15
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.03	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.12	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.23	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	0.21	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.93	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.5	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-007
Client Sample ID: HLWA #1

Report Date: 07/16/12
Collection Date: 06/11/12 13:05
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.03	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.13	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.23	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	0.63	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.94	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.5	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-008
Client Sample ID: SL #4

Report Date: 07/16/12
Collection Date: 06/11/12 14:08
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.01	pCi/L	U			E903.0	07/11/12 07:04 / lbb
Radium 226 precision (±)	0.12	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 226 MDC	0.22	pCi/L				E903.0	07/11/12 07:04 / lbb
Radium 228	0.38	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.90	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.5	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-009
Client Sample ID: RATH G

Report Date: 07/16/12
Collection Date: 06/11/12 15:05
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.01	pCi/L	U			E903.0	07/11/12 08:38 / lbb
Radium 226 precision (±)	0.13	pCi/L				E903.0	07/11/12 08:38 / lbb
Radium 226 MDC	0.23	pCi/L				E903.0	07/11/12 08:38 / lbb
Radium 228	-0.2	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.93	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.6	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0236 Rathdrum PAGW Investigation
Lab ID: C12060691-010
Client Sample ID: DUPLICATE #1

Report Date: 07/16/12
Collection Date: 06/11/12 16:30
DateReceived: 06/15/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.1	pCi/L	U			E903.0	07/11/12 08:38 / lbb
Radium 226 precision (±)	0.08	pCi/L				E903.0	07/11/12 08:38 / lbb
Radium 226 MDC	0.21	pCi/L				E903.0	07/11/12 08:38 / lbb
Radium 228	0.58	pCi/L	U			RA-05	07/06/12 14:38 / gb
Radium 228 precision (±)	0.87	pCi/L				RA-05	07/06/12 14:38 / gb
Radium 228 MDC	1.4	pCi/L				RA-05	07/06/12 14:38 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/16/12
Project: 2F0236 Rathdrum PAGW Investigation
Work Order: C12060691

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-6055
Sample ID: LCS-RA226-6055		Laboratory Control Sample				Run: BERTHOLD 770-2_120622D				07/11/12 07:04
Radium 226		8.9	pCi/L		89	80	120			
Sample ID: C12060710-004AMS		Sample Matrix Spike				Run: BERTHOLD 770-2_120622D				07/11/12 08:38
Radium 226		23	pCi/L		96	70	130			
Sample ID: C12060710-004AMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_120622D				07/11/12 08:38
Radium 226		24	pCi/L		105	70	130	5.4	24.4	
Sample ID: MB-RA226-6055	3	Method Blank				Run: BERTHOLD 770-2_120622D				07/11/12 10:54
Radium 226		-0.09	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/16/12
Project: 2F0236 Rathdrum PAGW Investigation
Work Order: C12060691

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-4139
Sample ID: MB-RA226-6055	3	Method Blank				Run: TENNELEC-3_120622D				07/06/12 14:38
Radium 228		-0.6	pCi/L							U
Radium 228 precision (±)		0.9	pCi/L							
Radium 228 MDC		2	pCi/L							
Sample ID: C12060722-001EMS		Sample Matrix Spike				Run: TENNELEC-3_120622D				07/06/12 16:12
Radium 228		11	pCi/L		99	70	130			
Sample ID: C12060722-001EMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120622D				07/06/12 16:12
Radium 228		11	pCi/L		96	70	130	3.7	59	
Sample ID: LCS-228-RA226-6055		Laboratory Control Sample				Run: TENNELEC-3_120622D				07/06/12 14:38
Radium 228		4.5	pCi/L		86	80	120			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical — C12060691

Login completed by: Tracy Judge
Date Received: 6/15/2012
Reviewed by: BL2000\alynch
Received by: th
Reviewed Date: 6/21/2012
Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	12.4°C Blue Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	Not Applicable ☐

Contact and Corrective Action Comments:

Confirmed analysis for Total 226 and 228 w/Chris @ 13:25 on 6/15/12 KLM

CHAIN OF CUSTODY RECORD

Page 1 of 1

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY
SVL JOB #
TEMP on Receipt: 2F02236

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other

Report to Company: SVL ANALYTICAL
Contact: Chris Meyer
Address: 1 Government Gulch
Kellogg Id 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To:
Contact: SAme
Address:
Phone Number:
FAX Number:
PO#: 12460

Project Name: Panhandle Prairie Aquifer Groundwater Investigation
Sampler's Signature:

Indicate State of sample origination: ID USACE? ☐ Yes ☐ No

	Sample ID (Please take care to distinguish between: 1 and I, 2 and Z, 5 and S, Ø and O. Thanks!)	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO_3 Filtered	HNO_3 Unfiltered	HCl	H_2SO_4	NaOH	Other (Specify)	Analyses Required RAD 226 RAD 228	Rush Instructions (Days)	Comments
1	PF#9	6/11/12	725	GS	2	2	X									Please include Ra
2	PFSP		808													Call C. Meyer
3	PF#6		900													with Questions
4	RPSY		1023													
5	EGA#1		1145													
6	EGA#2		1315													
7	HLWA#1		1305													
8	SL#4		1408													
9	RATH G		1505													
10	DUPLICATE #1		1630													C12060691

Relinquished by: [signature] Date: 6-12-12 Time: 13:30 Received by:
Relinquished by: Date: Time: Received by: T. Houghtelling Date: 6/5-12 Time: 930

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY SVL-COC 9/05

12.4°E Blue Ice

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ANALYTICAL SUMMARY REPORT

July 24, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12060708

Project Name: 2F0287 Rathdrum PAGWI

Energy Laboratories, Inc. Casper WY received the following 8 samples for SVL Analytical on 6/18/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12060708-001	C4SW	06/12/12 8:05	06/18/12	Groundwater	Radium 226, Total Radium 228, Total
C12060708-002	CHOW	06/12/12 8:35	06/18/12	Groundwater	Same As Above
C12060708-003	CLAW	06/12/12 9:45	06/18/12	Groundwater	Same As Above
C12060708-004	USFS NUR	06/12/12 10:30	06/18/12	Groundwater	Same As Above
C12060708-005	LAAW	06/12/12 11:20	06/18/12	Groundwater	Same As Above
C12060708-006	FSP3	06/12/12 13:15	06/18/12	Groundwater	Same As Above
C12060708-007	ATH2	06/12/12 14:35	06/18/12	Groundwater	Same As Above
C12060708-008	Duplicate #2	06/12/12 15:35	06/18/12	Groundwater	Same As Above

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2012.07.24 07:49:34 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-001
Client Sample ID: C4SW

Report Date: 07/24/12
Collection Date: 06/12/12 08:05
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.05	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.06	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	2.6	pCi/L				RA-05	07/05/12 17:41 / gb
Radium 228 precision (±)	0.74	pCi/L				RA-05	07/05/12 17:41 / gb
Radium 228 MDC	1.0	pCi/L				RA-05	07/05/12 17:41 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-002
Client Sample ID: CHOW

Report Date: 07/24/12
Collection Date: 06/12/12 08:35
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.03	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.06	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	0.18	pCi/L	U			RA-05	07/05/12 17:41 / gb
Radium 228 precision (±)	1.3	pCi/L				RA-05	07/05/12 17:41 / gb
Radium 228 MDC	2.1	pCi/L				RA-05	07/05/12 17:41 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-003
Client Sample ID: CLAW

Report Date: 07/24/12
Collection Date: 06/12/12 09:45
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.09	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.09	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	-0.009	pCi/L	U			RA-05	07/05/12 17:41 / gb
Radium 228 precision (±)	0.62	pCi/L				RA-05	07/05/12 17:41 / gb
Radium 228 MDC	1.0	pCi/L				RA-05	07/05/12 17:41 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-004
Client Sample ID: USFS NUR

Report Date: 07/24/12
Collection Date: 06/12/12 10:30
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.02	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.08	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	-0.09	pCi/L	U			RA-05	07/05/12 17:41 / gb
Radium 228 precision (±)	0.62	pCi/L				RA-05	07/05/12 17:41 / gb
Radium 228 MDC	1.1	pCi/L				RA-05	07/05/12 17:41 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-005
Client Sample ID: LAAW

Report Date: 07/24/12
Collection Date: 06/12/12 11:20
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.03	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.08	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	-0.1	pCi/L	U			RA-05	07/05/12 17:41 / gb
Radium 228 precision (±)	0.68	pCi/L				RA-05	07/05/12 17:41 / gb
Radium 228 MDC	1.2	pCi/L				RA-05	07/05/12 17:41 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-006
Client Sample ID: FSP3

Report Date: 07/24/12
Collection Date: 06/12/12 13:15
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.07	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.05	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	-0.4	pCi/L	U			RA-05	07/05/12 19:28 / gb
Radium 228 precision (±)	0.77	pCi/L				RA-05	07/05/12 19:28 / gb
Radium 228 MDC	1.3	pCi/L				RA-05	07/05/12 19:28 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-007
Client Sample ID: ATH2

Report Date: 07/24/12
Collection Date: 06/12/12 14:35
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.03	pCi/L	U			E903.0	07/23/12 13:09 / trs
Radium 226 precision (±)	0.06	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 13:09 / trs
Radium 228	5.6	pCi/L				RA-05	07/05/12 19:28 / gb
Radium 228 precision (±)	1.0	pCi/L				RA-05	07/05/12 19:28 / gb
Radium 228 MDC	1.3	pCi/L				RA-05	07/05/12 19:28 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0287 Rathdrum PAGWI
Lab ID: C12060708-008
Client Sample ID: Duplicate #2

Report Date: 07/24/12
Collection Date: 06/12/12 15:35
DateReceived: 06/18/12
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.12	pCi/L	U			E903.0	07/23/12 14:40 / trs
Radium 226 precision (±)	0.1	pCi/L				E903.0	07/23/12 14:40 / trs
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 14:40 / trs
Radium 228	-0.3	pCi/L	U			RA-05	07/05/12 19:28 / gb
Radium 228 precision (±)	0.73	pCi/L				RA-05	07/05/12 19:28 / gb
Radium 228 MDC	1.3	pCi/L				RA-05	07/05/12 19:28 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/24/12
Project: 2F0287 Rathdrum PAGWI
Work Order: C12060708

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-6107	
Sample ID: C12060640-021AMS		Sample Matrix Spike				Run: BERTHOLD 770-1_120716B			07/23/12 11:37	
Radium 226		14	pCi/L		94	70	130			
Sample ID: C12060640-021AMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_120716B			07/23/12 11:37	
Radium 226		13	pCi/L		88	70	130	6.2	24.8	
Sample ID: MB-RA226-6107	3	Method Blank				Run: BERTHOLD 770-1_120716B			07/23/12 14:40	
Radium 226		-0.03	pCi/L							U
Radium 226 precision (±)		0.06	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Sample ID: LCS-RA226-6107		Laboratory Control Sample				Run: BERTHOLD 770-1_120716B			07/23/12 14:40	
Radium 226		6.3	pCi/L		100	80	120			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/24/12
Project: 2F0287 Rathdrum PAGWI
Work Order: C12060708

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-4135
Sample ID: LCS-228-RA226-6052		Laboratory Control Sample				Run: TENNELEC-3_120621C				07/05/12 17:41
Radium 228		3.9	pCi/L		62	80	120			S
- LCS response is outside of the acceptance range for this analysis. Since the MB, MS, and MSD are acceptable the batch is approved.										
Sample ID: MB-RA226-6052	3	Method Blank				Run: TENNELEC-3_120621C				07/05/12 17:41
Radium 228		0.2	pCi/L							U
Radium 228 precision (±)		0.5	pCi/L							
Radium 228 MDC		0.9	pCi/L							
Sample ID: C12060625-001GMS		Sample Matrix Spike				Run: TENNELEC-3_120621C				07/05/12 17:41
Radium 228		12.1	pCi/L		104	70	130			
Sample ID: C12060625-001GMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120621C				07/05/12 17:41
Radium 228		10.5	pCi/L		88	70	130	14	39.9	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical

C12060708

Login completed by: Tracy Judge

Date Received: 6/18/2012

Reviewed by: BL2000\kgisse

Received by: km

Reviewed Date: 6/19/2012

Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	18.4°C No Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	Not Applicable ☐

Contact and Corrective Action Comments:

Samples received with a pH of 7:Added 2 mLs of HNO3 for a final pH of 2.

CHAIN OF CUSTODY RECORD

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Page 1 of 1

FOR SVL USE ONLY
SVL JOB #

TEMP on Receipt: 2F0287

Report to Company: SVL Analytical
Contact: Chris Meyer
Address: 1 Government Gulch
Kellogg Id 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To:
Contact: Same
Address:
Phone Number:
FAX Number:
PO#: 12464

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other

Project Name: Rathdrum PA GWI
Sampler's Signature:

Indicate State of sample origination: ID USACE? ☐ Yes ☐ No

Analyses Required: RAD 226, RAD 228

Comments: Call C. Meyer With Questions

Sample ID — Please take care to distinguish between: 1 and I, 2 and Z, 5 and S, Ø and O. Thanks!

	Sample ID	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required	Rush Instructions (Days)	Comments
1	C4SW	6/12/12	805	GS	2	2	2									
2	CHOW		835													
3	CLAW		945													
4	USFS NUR		1030													
5	LAAW		1120													
6	FSP3		1315													
7	AT H2		1435													
8	Duplicate #2		1535													
9																
10																

C12060708

Relinquished by: [signature] Date: 6-13-12 Time: 13:00 Received by: [signature] Miller Date: 6/18/12 Time: 9:15
Relinquished by: Date: Time: Received by: Date: Time:

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY SVL-COC 9/05

No Seals Blue Ice 18.4
LDS-B

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ANALYTICAL SUMMARY REPORT

July 17, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12060775

Project Name: 2F0326 RPAGWI

Energy Laboratories, Inc. Casper WY received the following 7 samples for SVL Analytical on 6/19/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12060775-001	MVT #1	06/13/12 7:25	06/19/12	Groundwater	Radium 226, Total Radium 228, Total
C12060775-002	Hay #2	06/13/12 8:25	06/19/12	Groundwater	Same As Above
C12060775-003	MDLA	06/13/12 9:15	06/19/12	Groundwater	Same As Above
C12060775-004	TLWS	06/13/12 9:35	06/19/12	Groundwater	Same As Above
C12060775-005	EASA	06/13/12 10:37	06/19/12	Groundwater	Same As Above
C12060775-006	CHSA	06/13/12 11:35	06/19/12	Groundwater	Same As Above
C12060775-007	OHMA	06/13/12 12:25	06/19/12	Groundwater	Same As Above

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Kathryn Hamre
Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2012.07.17 17:16:25 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-001
Client Sample ID: MVT #1

Report Date: 07/17/12
Collection Date: 06/13/12 07:25
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	-0.06	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.3	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-002
Client Sample ID: Hay #2

Report Date: 07/17/12
Collection Date: 06/13/12 08:25
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	-0.08	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-003
Client Sample ID: MDLA

Report Date: 07/17/12
Collection Date: 06/13/12 09:15
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	-0.2	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-004
Client Sample ID: TLWS

Report Date: 07/17/12
Collection Date: 06/13/12 09:35
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	-0.4	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-005
Client Sample ID: EASA

Report Date: 07/17/12
Collection Date: 06/13/12 10:37
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	0.3	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-006
Client Sample ID: CHSA

Report Date: 07/17/12
Collection Date: 06/13/12 11:35
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	-0.2	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.3	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI
Lab ID: C12060775-007
Client Sample ID: OHMA

Report Date: 07/17/12
Collection Date: 06/13/12 12:25
DateReceived: 06/19/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228	0.2	pCi/L	U		5	A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/17/12 17:12 / kbh
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/17/12 17:12 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI

Report Date: 07/13/12
Work Order: C12060775

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-6060
Sample ID: C12060737-001EMS		Sample Matrix Spike				Run: BERTHOLD 770-2_120626B				07/10/12 08:47
Radium 226		18	pCi/L		89	70	130			
Sample ID: C12060737-001EMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_120626B				07/10/12 08:47
Radium 226		18	pCi/L		88	70	130	0.7	24.3	
Sample ID: MB-RA226-6060	3	Method Blank				Run: BERTHOLD 770-2_120626B				07/10/12 11:59
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-6060		Laboratory Control Sample				Run: BERTHOLD 770-2_120626B				07/10/12 11:59
Radium 226		9.9	pCi/L		98	80	120			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0326 RPAGWI

Report Date: 07/13/12
Work Order: C12060775

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-4140
Sample ID: LCS-228-RA226-6060		Laboratory Control Sample				Run: TENNELEC-3_120626C			07/05/12 11:01	
Radium 228		5.08	pCi/L		84	80	120			
Sample ID: MB-RA226-6060	3	Method Blank				Run: TENNELEC-3_120626C			07/05/12 11:01	
Radium 228		0.09	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C12060737-002EMS		Sample Matrix Spike				Run: TENNELEC-3_120626C			07/05/12 11:01	
Radium 228		10.7	pCi/L		90	70	130			
Sample ID: C12060737-002EMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120626C			07/05/12 11:01	
Radium 228		10.3	pCi/L		87	70	130	3.9	48.4	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical

C12060775

Login completed by: Tracy Judge
Date Received: 6/19/2012

Reviewed by: BL2000\kgisse
Received by: th

Reviewed Date: 6/20/2012
Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	20.4°C Blue Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

CHAIN OF CUSTODY RECORD

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Page 1 of 1

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SVL JOB #

TEMP on Receipt: 2F6326

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other

Report to Company: SVL Analytical
Contact: Chris Meyer
Address: 1 Government Gulch
Kellogg Id 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To:
Contact: Same
Address:
Phone Number:
FAX Number:
PO#: 12466

Project Name: RPAGWI
Sampler's Signature:

Indicate State of sample origination: _____ USACE? ☐ Yes ☐ No

	Sample ID (Please take care to distinguish between: 1 and I, 2 and Z, 5 and S, Ø and O. Thanks!)	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO_3 Filtered	HNO_3 Unfiltered	HCl	H_2SO_4	NaOH	Other (Specify)	Analyses Required: RAD 226/228	Rush Instructions (Days)	Comments: Please include QC. Call C. Meyer with Questions
1	MVT #1	6/13/12	725	CS	2	2	X									
2	HAY #2	↓	805	↓	↓	↓	↓							↓		
3	MDLA	↓	915	↓	↓	↓	↓							↓		
4	TLWS	↓	935	↓	↓	↓	↓							↓		
5	EASA	↓	1037	↓	↓	↓	↓							↓		
6	CHSA	↓	1135	↓	↓	↓	↓							↓		
7	OHMA	↓	1225	↓	↓	↓	↓							↓		
8																
9																
10																C12060775

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	6-14-12	12:30			
Relinquished by:	Date:	Time:	Received by: T. Houghtelling	Date: 6-19-12	Time: 915

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 9/05

ups-G 20.4°
Blue ICE

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ANALYTICAL SUMMARY REPORT

July 30, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12060899

Project Name: 2F0365 RPAG WI

Energy Laboratories, Inc. Casper WY received the following 3 samples for SVL Analytical on 6/21/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12060899-001	HVWS	06/14/12 8:10	06/21/12	Groundwater	Radium 226 + Radium 228 Radium 226, Total Radium 228, Total
C12060899-002	BTRE	06/14/12 9:10	06/21/12	Groundwater	Same As Above
C12060899-003	RAES	06/14/12 11:45	06/21/12	Groundwater	Same As Above

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Kathryn Hamre
Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2012.07.30 12:21:23 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0365 RPAG WI
Lab ID: C12060899-001
Client Sample ID: HVWS

Report Date: 07/30/12
Collection Date: 06/14/12 08:10
DateReceived: 06/21/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.04	pCi/L	U			E903.0	07/20/12 16:39 / trs
Radium 226 precision (±)	0.09	pCi/L				E903.0	07/20/12 16:39 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	07/20/12 16:39 / trs
Radium 228	-0.6	pCi/L	U			RA-05	07/12/12 21:19 / gb
Radium 228 precision (±)	0.98	pCi/L				RA-05	07/12/12 21:19 / gb
Radium 228 MDC	1.7	pCi/L				RA-05	07/12/12 21:19 / gb
Radium 226 + Radium 228	-0.6	pCi/L	U			A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 precision (±)	1	pCi/L				A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 MDC	1.7	pCi/L				A7500-RA	07/24/12 14:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0365 RPAG WI
Lab ID: C12060899-002
Client Sample ID: BTRE

Report Date: 07/30/12
Collection Date: 06/14/12 09:10
DateReceived: 06/21/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.14	pCi/L	U			E903.0	07/20/12 16:39 / trs
Radium 226 precision (±)	0.13	pCi/L				E903.0	07/20/12 16:39 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	07/20/12 16:39 / trs
Radium 228	0.16	pCi/L	U			RA-05	07/12/12 21:19 / gb
Radium 228 precision (±)	1.1	pCi/L				RA-05	07/12/12 21:19 / gb
Radium 228 MDC	1.8	pCi/L				RA-05	07/12/12 21:19 / gb
Radium 226 + Radium 228	0.3	pCi/L	U			A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 precision (±)	1.1	pCi/L				A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 MDC	1.8	pCi/L				A7500-RA	07/24/12 14:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0365 RPAG WI
Lab ID: C12060899-003
Client Sample ID: RAES

Report Date: 07/30/12
Collection Date: 06/14/12 11:45
DateReceived: 06/21/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.02	pCi/L	U			E903.0	07/20/12 16:39 / trs
Radium 226 precision (±)	0.11	pCi/L				E903.0	07/20/12 16:39 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	07/20/12 16:39 / trs
Radium 228	-0.4	pCi/L	U			RA-05	07/12/12 21:19 / gb
Radium 228 precision (±)	1.1	pCi/L				RA-05	07/12/12 21:19 / gb
Radium 228 MDC	1.9	pCi/L				RA-05	07/12/12 21:19 / gb
Radium 226 + Radium 228	-0.3	pCi/L	U			A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 precision (±)	1.1	pCi/L				A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 MDC	1.9	pCi/L				A7500-RA	07/24/12 14:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: 2F0365 RPAG WI
Work Order: C12060899

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-6122
Sample ID: C12060924-001EMS		Sample Matrix Spike				Run: BERTHOLD 770-1_120703A			07/20/12 18:12	
Radium 226		16	pCi/L		123	70	130			
Sample ID: C12060924-001EMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_120703A			07/20/12 18:12	
Radium 226		18	pCi/L		138	70	130	11	25.9	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the MS are acceptable the batch is approved.										
Sample ID: MB-RA226-6077	3	Method Blank				Run: BERTHOLD 770-1_120703A			07/20/12 19:45	
Radium 226		-0.03	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-6077		Laboratory Control Sample				Run: BERTHOLD 770-1_120703A			07/20/12 19:45	
Radium 226		7.1	pCi/L		114	80	120			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: 2F0365 RPAG WI
Work Order: C12060899

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-4146
Sample ID: LCS-228-RA226-6077		Laboratory Control Sample				Run: TENNELEC-3_120703E				07/12/12 21:18
Radium 228		5.6	pCi/L		103	80	120			
Sample ID: MB-RA226-6077	3	Method Blank				Run: TENNELEC-3_120703E				07/12/12 21:18
Radium 228		0.6	pCi/L							U
Radium 228 precision (±)		1	pCi/L							
Radium 228 MDC		2	pCi/L							
Sample ID: C12060924-003EMS		Sample Matrix Spike				Run: TENNELEC-3_120703E				07/12/12 21:19
Radium 228		14	pCi/L		90	70	130			
Sample ID: C12060924-003EMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120703E				07/12/12 21:19
Radium 228		13	pCi/L		78	70	130	7.9	45.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical

C12060899

Login completed by: Tracy Judge
Date Received: 6/21/2012

Reviewed by: BL2000\alynch
Received by: bhc

Reviewed Date: 6/21/2012
Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	3.8°C Blue Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

CHAIN OF CUSTODY RECORD

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FOR SVL USE ONLY
SVL JOB #

TEMP on Receipt: 2F0965

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other_____

Report to Company: SVL Analytical
Contact: Chris Meyer
Address: 1 Government Gulch
Kellogg ID 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To:
Contact: SAme
Address:
Phone Number:
FAX Number:
PO#: 12473

Project Name: RPAG WI
Sampler's Signature:

Indicate State of sample origination: ID **USACE?** ☐ Yes ☐ No

Sample ID (Please take care to distinguish between: 1 and I, 2 and Z, 5 and S, ø and O. Thanks!)	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO_3 Filtered	HNO_3 Unfiltered	HCl	H_2SO_4	NaOH	Other (Specify)	Analyses Required: RAO 226 | 228	Rush Instructions (Days)	Comments
1 HUWS	6/14/12	810	GS	2	2	X							X		Please include QC
2 BTRE		910													Call C. Meyer with Questions
3 RAES		1145													
4															
5															
6															
7															
8															
9															
10															

C120 60899

Relinquished by: _____ Date: 6-18-12 Time: 12:30 Received by: _____
Relinquished by: _____ Date: _____ Time: _____ Received by: Bcody Date: 6.21.12 Time: 9:30

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 9/05

UPS-G client

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ANALYTICAL SUMMARY REPORT

July 30, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12060956

Project Name: W2F0427 RPAG WI

Energy Laboratories, Inc. Casper WY received the following 1 sample for SVL Analytical on 6/22/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12060956-001	DIBE	06/18/12 8:45	06/22/12	Groundwater	Radium 226 + Radium 228 Radium 226, Total Radium 228, Total

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Kathryn Hamre
Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2012.07.30 12:37:40 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: W2F0427 RPAG WI
Lab ID: C12060956-001
Client Sample ID: DIBE

Report Date: 07/30/12
Collection Date: 06/18/12 08:45
DateReceived: 06/22/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.05	pCi/L	U			E903.0	07/20/12 19:45 / trs
Radium 226 precision (±)	0.11	pCi/L				E903.0	07/20/12 19:45 / trs
Radium 226 MDC	0.19	pCi/L				E903.0	07/20/12 19:45 / trs
Radium 228	-0.3	pCi/L	U			RA-05	07/12/12 22:55 / gb
Radium 228 precision (±)	1.3	pCi/L				RA-05	07/12/12 22:55 / gb
Radium 228 MDC	2.1	pCi/L				RA-05	07/12/12 22:55 / gb
Radium 226 + Radium 228	-0.2	pCi/L	U			A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 precision (±)	1.3	pCi/L				A7500-RA	07/24/12 14:02 / kbh
Radium 226 + Radium 228 MDC	2.1	pCi/L				A7500-RA	07/24/12 14:02 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: W2F0427 RPAG WI
Work Order: C12060956

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-6122	
Sample ID: C12060924-001EMS		Sample Matrix Spike				Run: BERTHOLD 770-1_120703A			07/20/12 18:12	
Radium 226		16	pCi/L		123	70	130			
Sample ID: C12060924-001EMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_120703A			07/20/12 18:12	
Radium 226		18	pCi/L		138	70	130	11	25.9	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the MS are acceptable the batch is approved.										
Sample ID: MB-RA226-6077	3	Method Blank				Run: BERTHOLD 770-1_120703A			07/20/12 19:45	
Radium 226		-0.03	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-6077		Laboratory Control Sample				Run: BERTHOLD 770-1_120703A			07/20/12 19:45	
Radium 226		7.1	pCi/L		114	80	120			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
U - Not detected at minimum detectable concentration
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: W2F0427 RPAG WI
Work Order: C12060956

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-4146
Sample ID: LCS-228-RA226-6077		Laboratory Control Sample				Run: TENNELEC-3_120703E				07/12/12 21:18
Radium 228		5.6	pCi/L		103	80	120			
Sample ID: MB-RA226-6077	3	Method Blank				Run: TENNELEC-3_120703E				07/12/12 21:18
Radium 228		0.6	pCi/L							U
Radium 228 precision (±)		1	pCi/L							
Radium 228 MDC		2	pCi/L							
Sample ID: C12060924-003EMS		Sample Matrix Spike				Run: TENNELEC-3_120703E				07/12/12 21:19
Radium 228		14	pCi/L		90	70	130			
Sample ID: C12060924-003EMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120703E				07/12/12 21:19
Radium 228		13	pCi/L		78	70	130	7.9	45.6	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical — C12060956

Login completed by: Kathryn (Kate) L. Miller
Date Received: 6/22/2012
Reviewed by: BL2000\kgisse
Received by: th
Reviewed Date: 6/25/2012
Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	8.8°C Blue Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for Ra226 and Ra228 were received at pH of 7. 2 mLs of nitric acid were added to preserve to pH <2.

SVL ANALYTICAL

CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Page 1 of 1

FOR SVL USE ONLY
SVL JOB #
W2F0427
TEMP on Receipt: ~~W2F0247~~ 6/19/12

Table 1. – Matrix Type
1 = Surface Water, 2 Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other

Report to Company: SVL ANALYTICAL
Contact: CHRIS MEYER
Address: 1 GOVERNMENT GULCH
KELLOGG ID 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To:
Contact: SAME
Address:
Phone Number:
FAX Number:
PO#: 12486

Project Name: RPAGWI
Sampler's Signature:

Indicate State of sample origination: _____ USACE? ☐ Yes ☐ No

	Sample ID	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required RAD226/228	Rush Instructions (Days)	Comments
1	DIBE	6/18/12	8:45	GS	2	2	X							X		PLEASE INCLUDE QC. CALL CHRIS MEYER WITH QUESTIONS
2																
3																
4																
5																
6																
7																
8																
9																
10																

Relinquished by: [signature] Date: 6-19-12 Time: 13:00 Received by: Date: Time:
Relinquished by: Date: Time: Received by: T. Houghteling Date: 6-22-12 Time: 930

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 9/05

UPS-G 8.8°C Blue ICE

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ANALYTICAL SUMMARY REPORT

July 30, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12061005

Project Name: W2F0456 RPAGWI

Energy Laboratories, Inc. Casper WY received the following 1 sample for SVL Analytical on 6/25/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12061005-001	ALPWS	06/19/12 10:20	06/25/12	Groundwater	Radium 226 + Radium 228 Radium 226, Total Radium 228, Total

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Kathryn Hamre
Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2012.07.30 12:48:44 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: W2F0456 RPAGWI
Lab ID: C12061005-001
Client Sample ID: ALPWS

Report Date: 07/30/12
Collection Date: 06/19/12 10:20
DateReceived: 06/25/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	-0.05	pCi/L	U			E903.0	07/18/12 13:25 / trs
Radium 226 precision (±)	0.09	pCi/L				E903.0	07/18/12 13:25 / trs
Radium 226 MDC	0.18	pCi/L				E903.0	07/18/12 13:25 / trs
Radium 228	0.87	pCi/L	U			RA-05	07/13/12 11:21 / plj
Radium 228 precision (±)	0.77	pCi/L				RA-05	07/13/12 11:21 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	07/13/12 11:21 / plj
Radium 226 + Radium 228	0.8	pCi/L	U			A7500-RA	07/30/12 12:44 / kbh
Radium 226 + Radium 228 precision (±)	0.8	pCi/L				A7500-RA	07/30/12 12:44 / kbh
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/30/12 12:44 / kbh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: W2F0456 RPAGWI
Work Order: C12061005

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA226-6078	
Sample ID: C12060984-003EMS		Sample Matrix Spike				Run: BERTHOLD 770-2_120703B			07/18/12 11:36	
Radium 226		23	pCi/L		75	70	130			
Sample ID: C12060984-003EMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-2_120703B			07/18/12 11:36	
Radium 226		26	pCi/L		98	70	130	12	21.3	
Sample ID: MB-RA226-6078	3	Method Blank				Run: BERTHOLD 770-2_120703B			07/18/12 17:13	
Radium 226		-0.1	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Sample ID: LCS-RA226-6078		Laboratory Control Sample				Run: BERTHOLD 770-2_120703B			07/18/12 17:13	
Radium 226		5.8	pCi/L		95	80	120			

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: W2F0456 RPAGWI
Work Order: C12061005

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: RA228-4147	
Sample ID: LCS-228-RA226-6078		Laboratory Control Sample				Run: TENNELEC-3_120703A			07/13/12 11:21	
Radium 228		7.0	pCi/L		104	80	120			
Sample ID: MB-RA226-6078	3	Method Blank				Run: TENNELEC-3_120703A			07/13/12 11:21	
Radium 228		0.7	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C12060984-006EMS		Sample Matrix Spike				Run: TENNELEC-3_120703A			07/13/12 11:21	
Radium 228		14.6	pCi/L		106	70	130			
Sample ID: C12060984-006EMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120703A			07/13/12 11:21	
Radium 228		13.6	pCi/L		100	70	130	6.8	38.3	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as -dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical

C12061005

Login completed by: Kathryn (Kate) L. Miller
Date Received: 6/25/2012

Reviewed by: BL2000\kgisse
Received by: km

Reviewed Date: 6/25/2012
Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	22.2°C Blue Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	Not Applicable ☐

Contact and Corrective Action Comments:

Samples for Radium 226 and Radium 228 were received at a pH of 7. 2 mLs of nitric acid were added to preserve to pH <2.

CHAIN OF CUSTODY RECORD

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FOR SVL USE ONLY
SVL JOB # W2F0456
TEMP on Receipt:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other_____

Report to Company: SVL ANALYTICAL
Contact: CHRIS MEYER
Address: 1 GOVERNMENT GULCH KELLOGG, ID 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To: SAME
Contact:
Address:
Phone Number:
FAX Number:
PO#: 12491

Project Name: RPAGWI
Sampler's Signature:

Indicate State of sample origination: _____ **USACE?** ☐ Yes ☐ No

Please take care to distinguish between:
1 and I
2 and Z
5 and S
ø and O
Thanks!

	Sample ID	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO_3 Filtered	HNO_3 Unfiltered	HCl	H_2SO_4	NaOH	Other (Specify)	Analyses Required: RAD 226/228	Rush Instructions (Days)	Comments
1	ALPWS	6/19/12	10:30	GS	2	2	X							X		C1206005
2																
3																
4																
5																
6																
7																
8																
9																
10																

Relinquished by: _____ Date: 6-20-12 Time: 13:30 Received by: Kate Miller
Relinquished by: _____ Date: _____ Time: _____ Received by: _____
Date: 6/26/12 Time: 9:20
Date: _____ Time: _____

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 9/05

no seals blue ice 22.2°C UPS-G

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ANALYTICAL SUMMARY REPORT

July 30, 2012

SVL Analytical
1 Government Gulch
Kellogg, ID 83837

Workorder No.: C12070013

Project Name: 2F0654 RPAGWI

Energy Laboratories, Inc. Casper WY received the following 1 sample for SVL Analytical on 7/2/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C12070013-001	HWY 54	06/26/12 10:40	07/02/12	Groundwater	Radium 226, Total Radium 228, Total

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Kathryn Hamre
Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2012.07.30 18:18:44 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0654 RPAGWI
Lab ID: C12070013-001
Client Sample ID: HWY 54

Report Date: 07/30/12
Collection Date: 06/26/12 10:40
DateReceived: 07/02/12
Matrix: Groundwater

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226	0.02	pCi/L	U			E903.0	07/23/12 23:57 / lbb
Radium 226 precision (±)	0.08	pCi/L				E903.0	07/23/12 23:57 / lbb
Radium 226 MDC	0.13	pCi/L				E903.0	07/23/12 23:57 / lbb
Radium 228	0.94	pCi/L	U			RA-05	07/17/12 23:23 / gb
Radium 228 precision (±)	0.90	pCi/L				RA-05	07/17/12 23:23 / gb
Radium 228 MDC	1.4	pCi/L				RA-05	07/17/12 23:23 / gb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Report Date: 07/30/12
Project: 2F0654 RPAGWI
Work Order: C12070013

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-6099
Sample ID: LCS-RA226-6099		Laboratory Control Sample				Run: BERTHOLD 770-1_120711A				07/23/12 21:09
Radium 226		5.8	pCi/L		94	80	120			
Sample ID: C12070039-001GMS		Sample Matrix Spike				Run: BERTHOLD 770-1_120711A				07/23/12 23:57
Radium 226		15.0	pCi/L		100	70	130			
Sample ID: C12070039-001GMSD		Sample Matrix Spike Duplicate				Run: BERTHOLD 770-1_120711A				07/23/12 23:57
Radium 226		14.2	pCi/L		95	70	130	5.6	23.8	
Sample ID: MB-RA226-6099	3	Method Blank				Run: BERTHOLD 770-1_120711A				07/24/12 01:47
Radium 226		0.01	pCi/L							U
Radium 226 precision (±)		0.07	pCi/L							
Radium 226 MDC		0.1	pCi/L							

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: SVL Analytical
Project: 2F0654 RPAGWI

Report Date: 07/30/12
Work Order: C12070013

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-4159
Sample ID: LCS-228-RA226-6099		Laboratory Control Sample				Run: TENNELEC-3_120711B				07/17/12 21:49
Radium 228		5.6	pCi/L		112	80	120			
Sample ID: MB-RA226-6099	3	Method Blank				Run: TENNELEC-3_120711B				07/17/12 21:49
Radium 228		0.2	pCi/L							U
Radium 228 precision (±)		0.7	pCi/L							
Radium 228 MDC		1	pCi/L							
Sample ID: C12070041-001GMS		Sample Matrix Spike				Run: TENNELEC-3_120711B				07/17/12 21:49
Radium 228		9.9	pCi/L		97	70	130			
Sample ID: C12070041-001GMSD		Sample Matrix Spike Duplicate				Run: TENNELEC-3_120711B				07/17/12 21:49
Radium 228		10	pCi/L		104	70	130	6.2	47.7	

Qualifiers:

RL - Analyte reporting limit.
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

SVL Analytical — C12070013

Login completed by: Timothy I.. Houghteling
Date Received: 7/2/2012

Reviewed by: BL2000\cwagner
Received by: th

Reviewed Date: 7/6/2012
Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Container/Temp Blank temperature:	26.4°C Blue Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY
SVL JOB #

TEMP on Receipt: 2F0684

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other_____

Report to Company: SVL Analytical
Contact: Chris Meyer
Address: 1 Government Gulch
Kellogg Id 83837
Phone Number: 208-784-1258
FAX Number: 208-783-0891
E-mail:

Invoice Sent To:
Contact: Same
Address:
Phone Number:
FAX Number:
PO#: 12506

Project Name: RPAGWI
Sampler's Signature:

Indicate State of sample origination: WA
USACE? ☐ Yes ☐ No

Sample ID (Please take care to distinguish between: 1 and I, 2 and Z, 5 and S, ø and o. Thanks!)	Collection Date	Collection Time	Collected by: (Init.)	Misc. Matrix Type (From Table 1)	Misc. No. of Containers	Preservative(s) Unpreserved	HNO_3 Filtered	HNO_3 Unfiltered	HCl	H_2SO_4	NaOH	Other (Specify)	Analyses Required RAD 224	Analyses Required RAD 228	Rush Instructions (Days)	Comments
1 HWY 54	6/22/12	1040	GS	2	2	X							X	X		
2																
3																
4																
5																
6																
7																
8																
9																
10																

Please include QC
Call C. Meyer with Questions

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	6-27-12	1315			
			T. Houghtaling	7-2-12	925

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY SVL-COC 9/05

UPS-G 26.4°C/1

Idaho Stable Isotopes Laboratory
University of Idaho

Method for H and O isotopic analysis of water:

Instrumentation:
Samples in 2 mL vials are loaded into a GC-PAL autosampler connected to a Picarro Model L1102-i Cavity Ringdown Spectrometer. Each sample is analyzed six times to eliminate memory effects. The value of the sixth analysis is reported.

Oxygen Standards:
Three or more replicates of two internal standards are used to bracket the samples and provide a two-point normalization of the data. All standards have been calibrated to 3 IAEA international reference standards:

VSMOW2*	0 ‰
SLAP2*	-55.5 ‰
GISP	-24.78 ‰

Hydrogen Standards:
Three or more replicates of two internal standards are used to bracket the samples and provide a two-point normalization of the data. All standards have been calibrated to 3 IAEA international reference standards:

VSMOW2*	0 ‰
SLAP2*	-428 ‰
GISP	-189.73 ‰

**All of our water standards have been calibrated using reference materials VSMOW2 and SLAP2 which were produced to replace the exhausted reference materials, VSMOW and SLAP. However, all isotopic data are still reported on the VSMOW/ SLAP scale.*

Quality control standards:
At least three replicates of a known QC standard are run blindly with the samples to test the normalization of your data. The normalized values and true values for these QC standards are provided in the attached excel spreadsheet.

PO Box 441133 Moscow, ID 83844-1133 Phone 208-885-6512 Fax 208-885-6564
Contact: Margaret Keefe mward@uidaho.edu

Quality Control Data

$\delta^{18}O$ standards	$\delta^{18}O_{VSMOW}$ (‰)	SD $\delta^{18}O_{VSMOW}$ (‰)	N
CAS	-7.69	0.10	3
EAG	-30.66	0.14	3
normalization equation:	***1.01x+12.41***		

$\delta^{2}H$ standards	$\delta^{2}H_{VSMOW}$ (‰)	SD $\delta^{2}H_{VSMOW}$ (‰)	N
CAS	-33.82	0.29	3
EAG	-15.08	0.51	3
normalization equation:	***0.98x+288.07***		

***QC CHECK*: DDI water was used as a check of the normalization:**

DDI	$\delta^{18}O_{VSMOW}$	$\delta^{2}H_{VSMOW}$
Observed	-14.79	-123.76
TRUE	*-14.67*	*-122.65*
Δ	-0.12	-1.11
Observed	-14.62	-123.87
TRUE	*-14.67*	*-122.65*
Δ	0.05	-1.22
Observed	-14.87	-123.35
TRUE	*-14.67*	*-122.65*
Δ	-0.20	-0.70
Observed	-14.78	-124.01
TRUE	*-14.67*	*-122.65*
Δ	-0.11	-1.36

Idaho Stable Isotopes Laboratory
College of Natural Resources

University of Idaho
A LEGACY OF LEADING

Client: Gary Stevens
Project: RPA GWI water
Date: 7/2/2012

delta values were calculated with a two-point normalization using CAS and EAG waters.

SampleID	$\delta^{18}O_{VSMOW}$	$\delta^{2}H_{VSMOW}$
ALPWS	-15.07	-111.89
ATH2	-15.77	-121.47
BTRE	-14.77	-110.13
C4SW	-14.48	-110.77
CHOW	-14.85	-111.56
CHSA	-15.11	-112.02
CLAW	-13.72	-107.43
DIBE	-15.28	-114.31
Duplicate#1	-14.60	-110.49
Duplicate#2	-15.81	-120.50
EASA	-13.83	-106.41
EGA#1	-14.41	-109.51
EGA#2	-14.45	-110.08
FSP3	-15.89	-120.50
HAY#2	-11.81	-95.93
HLWA#1	-14.15	-107.94
HVWS	-15.21	-115.09
HWY54	-15.85	-121.35
LAAW	-12.01	-96.36
LCDA	-15.01	-111.36
LHAY	-12.17	-96.91
LPDO	-16.18	-123.24
MDLA	-14.96	-113.60
MVT#1	-14.70	-110.89
OHMA	-14.91	-111.57
PF#6	-14.60	-110.19
PF#9	-14.67	-110.31
PFSP	-14.81	-112.20
RAES	-15.11	-111.32
RATHG	-13.89	-106.79
RPSY	-14.42	-108.96
SL#4	-13.49	-105.04
TLWS	-14.30	-109.25
USFS Nur	-14.71	-110.30
Precip #1	-14.15	-109.48

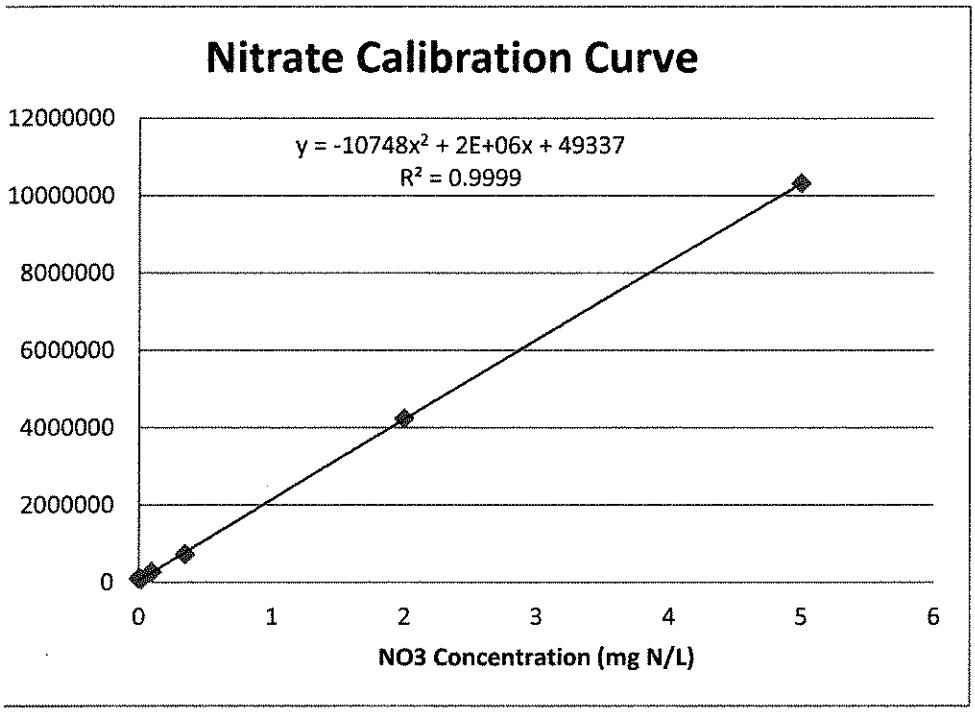
Sample	Date	Position in run	NO3 Conc. (mg N/L)	Volume (ml)	Peak Area (V/s)	Peak Ampl (mV)	$\delta^{15}N_{Air}$ (‰)	$\delta^{18}O_{VSMOW}$ (‰)
ATH2	25Jun12	24	1.31	0.61	40.92	7689	6.43	-6.87
ATH2	25Jun12	25	1.31	0.61	39.83	7611	6.35	-6.87
PF#9	25Jun12	5	1.17	0.68	48.44	9180	4.32	-4.22
PF#6	25Jun12	8	0.64	1.25	46.12	8588	4.63	-7.07
EGA#2	25Jun12	11	1.89	0.42	42.48	8158	1.91	-2.33
HLWA#1	25Jun12	12	1.05	0.76	44.54	8607	6.39	-4.51
RATHG	25Jun12	15	1.41	0.57	43.97	8112	4.60	-5.06
Duplicate #1	25Jun12	16	0.61	1.30	44.40	8378	5.09	-6.37
C4SW	25Jun12	17	1.00	0.80	28.25	5455	5.00	-6.08
CHOW	25Jun12	18	0.75	1.07	30.65	5775	5.20	-5.68
USFS Nur	25Jun12	20	0.53	1.52	38.21	7522	4.32	-6.19
LAAW	25Jun12	21	0.56	1.44	39.89	7501	4.23	-5.02
ALPWS	27Jun12	5	1.12	0.71	29.84	5741	5.09	-5.67
ALPWS	27Jun12	6	1.12	0.71	22.06	4288	5.25	-5.38
Duplicate #2	25Jun12	26	1.24	0.65	42.18	8033	6.58	-6.35
HAY#2	25Jun12	28	0.20	3.93	37.96	7548	2.54	-5.97
MDLA	25Jun12	29	0.65	1.23	39.66	7907	2.80	-1.08
TLWS	25Jun12	30	0.29	2.79	41.44	7893	4.41	-6.15
EASA	25Jun12	31	0.23	3.51	42.89	8124	3.88	-7.19
HVWS	25Jun12	35	1.75	0.46	38.76	7282	2.06	-2.23
BTRE	25Jun12	36	0.54	1.48	36.92	7085	1.67	-5.31
RAES	25Jun12	37	0.77	1.04	39.53	7520	4.61	-6.95
DIBE	25Jun12	38	1.02	0.78	37.80	7476	3.15	-3.51
PFSP	02Jul12	5	0.20	3.99	43.07	8188	6.16	-8.81
PFSP	02Jul12	6	0.20	3.99	44.28	8387	5.94	-8.62
RPSY	02Jul12	7	0.69	1.15	38.85	7574	3.77	-7.54
EGA#1	02Jul12	9	1.92	0.42	38.77	7515	2.25	-3.65
SL#4	02Jul12	11	0.35	2.27	40.82	8016	4.44	-6.91
CLAW	02Jul12	14	1.53	0.52	43.11	8068	5.41	-4.88
MVT#1	02Jul12	16	1.41	0.57	35.63	6933	4.89	-4.36
CHSA	02Jul12	18	0.57	1.41	29.48	5546	5.20	-5.58
OHMA	02Jul12	20	1.44	0.55	38.02	7185	5.34	-5.02
FSP3	27Jun12	7	0.12	6.00	41.69	8216	4.18	-8.71
		Min	**0.12**	**0.42**	**22.06**	**4288**	**1.67**	**-8.81**
		Max	**1.92**	**6.00**	**48.44**	**9180**	**6.58**	**-1.08**
Drift Standards								
IAEA-NO3	25Jun12	1	1.00	0.80	46.38	8582	4.42	26.05
IAEA-NO3	25Jun12	23	1.00	0.80	42.50	8159	4.42	26.05
IAEA-NO3	25Jun12	42	1.00	0.80	34.32	6592	4.42	26.05
IAEA-NO3	27Jun12	1	1.00	0.80	38.73	7489	4.84	24.99
IAEA-NO3	27Jun12	13	1.00	0.80	36.44	7014	4.58	24.70
IAEA-NO3	27Jun12	23	1.00	0.80	26.06	5043	4.91	25.89
IAEA-NO3	27Jun12	32	1.00	0.80	33.84	6512	4.48	24.69
IAEA-NO3	27Jun12	42	1.00	0.80	34.54	6505	4.66	25.06
IAEA-NO3	02Jul12	1	1.00	0.80	25.02	4804	4.54	24.96
IAEA-NO3	02Jul12	13	1.00	0.80	43.45	8297	4.54	25.07
IAEA-NO3	02Jul12	23	1.00	0.80	10.68	1987	4.53	24.82
IAEA-NO3	02Jul12	32	1.00	0.80	28.10	5394	4.35	25.10
IAEA-NO3	02Jul12	42	1.00	0.80	30.97	5801	4.63	24.95
						avg	**4.56**	**25.26**
						stdev	**0.17**	**0.54**
Isotope Standards								

27.7 per mil	25Jun12	2	1.00	0.80	46.18	9047	27.70	-19.13
27.7 per mil	27Jun12	2	1.00	0.80	37.66	7032	27.31	-19.95
27.7 per mil	27Jun12	39	1.00	0.80	15.40	3023	28.08	-18.76
27.7 per mil	02Jul12	39	1.00	0.80	35.34	6848	27.70	-20.10
						avg	**27.70**	**-19.49**
						stdev	**0.31**	**0.65**
USGS32	27Jun12	22	1.00	0.80	36.86	6896	180.96	25.82
USGS34	25Jun12	41	1.00	0.80	31.30	6189	-1.80	-27.90
USGS34	27Jun12	4	1.00	0.80	36.47	7098	-1.76	-28.09
USGS34	27Jun12	41	1.00	0.80	34.40	6619	-1.83	-27.71
USGS34	02Jul12	4	1.00	0.80	46.77	8835	-1.79	-27.65
USGS34	02Jul12	41	1.00	0.80	18.82	3711	-1.81	-28.15
						avg	**-1.80**	**-27.90**
						stdev	**0.02**	**0.22**
USGS35	25Jun12	40	1.00	0.80	35.27	6884	3.45	57.50
USGS35	27Jun12	3	1.00	0.80	37.58	6915	3.53	57.52
USGS35	27Jun12	40	1.00	0.80	32.35	6291	3.56	57.48
USGS35	02Jul12	3	1.00	0.80	45.48	8711	3.67	57.47
USGS35	02Jul12	40	1.00	0.80	29.57	5635	3.67	57.53
						avg	**N/A**	**57.50**
						stdev	**N/A**	**0.03**
Linearity Standards								
IAEA-NO3	27Jun12	35	1.00	0.20	6.11	1189	4.41	23.19
IAEA-NO3	27Jun12	36	1.00	0.40	16.03	3183	4.39	24.97
IAEA-NO3	27Jun12	37	1.00	0.50	21.19	4172	4.26	24.92
IAEA-NO3	27Jun12	38	1.00	0.90	37.33	7385	4.23	24.93
						avg	**4.32**	**24.51**
						stdev	**0.09**	**0.88**

Sample ID	Sample Type	Cup Number	Sampling Date	Unit	Result/Peak Area Nitrate + Nitrite	Expected NO3 Value
KNO3 A 5.00	CalStd	1	22-Jun-12	uv-s	10316032.00	
KNO3 B 2.00	CalStd	2	22-Jun-12	uv-s	4237248.00	
KNO3 C 0.35	CalStd	3	22-Jun-12	uv-s	724166.00	
KNO3 D 0.10	CalStd	4	22-Jun-12	uv-s	272275.00	
KNO3 E 0.02	CalStd	5	22-Jun-12	uv-s	81062.00	
KNO3 F 0.00	CalStd	6	22-Jun-12	uv-s	95347.00	
NO3 A	standard	1	22-Jun-12	mg N/L	4.88	5.00
K	standard	2	22-Jun-12	mg N/L	1.90	2.00
PF#9	sample	3	22-Jun-12	mg N/L	1.17	
PF#9	dup sam	4	22-Jun-12	mg N/L	1.17	
PFSP	sample	5	22-Jun-12	mg N/L	0.20	
PF#6	sample	6	22-Jun-12	mg N/L	0.64	
RPSY	sample	7	22-Jun-12	mg N/L	0.69	
EGA#1	sample	8	22-Jun-12	mg N/L	1.92	
EGA#2	sample	9	22-Jun-12	mg N/L	1.89	
HLWA#1	sample	10	22-Jun-12	mg N/L	1.05	
SL#4	sample	11	22-Jun-12	mg N/L	0.35	
RATHG	sample	12	22-Jun-12	mg N/L	1.41	
Duplicate #1	sample	13	22-Jun-12	mg N/L	0.61	
C4SW	sample	14	22-Jun-12	mg N/L	1.00	
CHOW	sample	15	22-Jun-12	mg N/L	0.75	
NO3 B	standard	16	22-Jun-12	mg N/L	2.03	2.00
Q	standard	17	22-Jun-12	mg N/L	0.36	0.35
CLAW	sample	18	22-Jun-12	mg N/L	1.53	
CLAW	dup sam	19	22-Jun-12	mg N/L	1.53	
USFS Nur	sample	20	22-Jun-12	mg N/L	0.53	
LAAW	sample	21	22-Jun-12	mg N/L	0.56	
FSP3	sample	22	22-Jun-12	mg N/L	0.12	
ATH2	sample	23	22-Jun-12	mg N/L	1.31	
Duplicate #2	sample	24	22-Jun-12	mg N/L	1.24	
MVT#1	sample	25	22-Jun-12	mg N/L	1.41	
HAY#2	sample	26	22-Jun-12	mg N/L	0.20	
MDLA	sample	27	22-Jun-12	mg N/L	0.65	
TLWS	sample	28	22-Jun-12	mg N/L	0.29	
EASA	sample	29	22-Jun-12	mg N/L	0.23	
CHSA	sample	30	22-Jun-12	mg N/L	0.57	
NO3 C	standard	31	22-Jun-12	mg N/L	0.35	0.35
K	standard	32	22-Jun-12	mg N/L	1.93	2.00
OHMA	sample	33	22-Jun-12	mg N/L	1.44	
OHMA	dup sam	34	22-Jun-12	mg N/L	1.46	
HVWS	sample	35	22-Jun-12	mg N/L	1.75	
BTRE	sample	36	22-Jun-12	mg N/L	0.54	
RAES	sample	37	22-Jun-12	mg N/L	0.77	
DIBE	sample	38	22-Jun-12	mg N/L	1.02	
ALPWS	sample	39	22-Jun-12	mg N/L	1.12	
Q	standard	40	22-Jun-12	mg N/L	0.36	0.35
NO3 A	standard	41	22-Jun-12	mg N/L	5.08	5.00
NO3 B	standard	42	22-Jun-12	mg N/L	2.02	2.00
NO3 C	standard	43	22-Jun-12	mg N/L	0.34	0.35

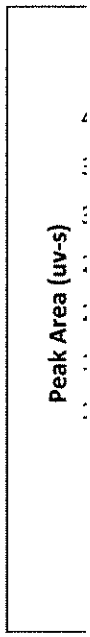
Peak Area (uv-s)

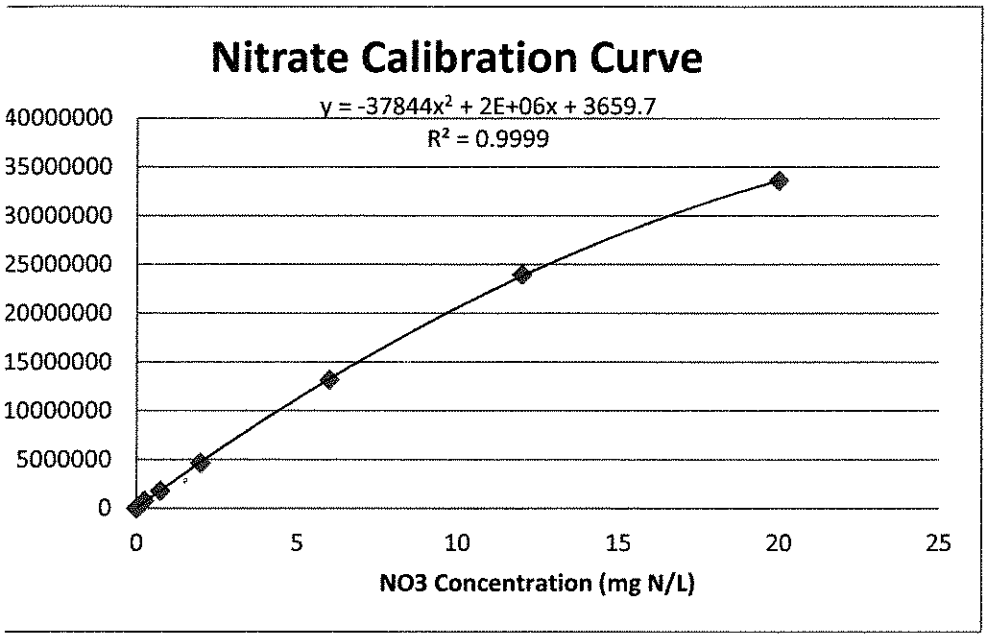
NO3 D	standard	44	22-Jun-12	mg N/L	0.08	0.10
NO3 E	standard	45	22-Jun-12	mg N/L	0.02	0.02
NO3 F	standard	46	22-Jun-12	mg N/L	0.01	0.00


Nitrate Calibration Curve
y = -10748x² + 2E+06x + 49337
R² = 0.9999
12000000
10000000
8000000
6000000
4000000
2000000
0
0
1
2
3
4
5
6
NO3 Concentration (mg N/L)

Sample	Date	Position in run	NO3 Conc. (mg N/L)	Volume (ml)	Peak Area (V/s)	Peak Ampl (mV)	$\delta^{15}N_{Air}$ (‰)	$\delta^{18}O_{VSMOW}$ (‰)
HWY 54	18Jul12	5	0.22	3.64	29.24	5541	4.41	-10.54
HWY 54	18Jul12	6	0.22	3.64	43.89	8450	4.58	-10.23
Drift Standards								
IAEA-NO3	18Jul12	1	1.00	0.80	21.18	4146	4.83	25.31
IAEA-NO3	18Jul12	32	1.00	0.80	39.07	7571	4.42	25.01
IAEA-NO3	18Jul12	42	1.00	0.80	20.71	4012	4.83	25.19
						avg	**4.69**	**25.17**
						stdev	**0.23**	**0.15**
Isotope Standards								
27.7 per mil	18Jul12	2	1.00	0.80	19.38	3674	27.73	-19.00
27.7 per mil	18Jul12	39	1.00	0.80	35.53	6985	27.67	-20.21
						avg	**27.70**	**-19.60**
						stdev	**0.04**	**0.86**
USGS34	18Jul12	4	1.00	0.80	45.83	8597	-1.74	-27.68
USGS34	18Jul12	41	1.00	0.80	34.97	6747	-1.86	-28.12
						avg	**-1.80**	**-27.90**
						stdev	**0.09**	**0.31**
USGS35	18Jul12	3	1.00	0.80	45.65	8803	3.77	57.92
USGS35	18Jul12	40	1.00	0.80	35.22	6590	3.54	57.08
						avg	**N/A**	**57.50**
						stdev	**N/A**	**0.59**
Linearity Standards								
IAEA-NO3	18Jul12	35	1.00	0.20	9.02	1773	4.52	24.87
IAEA-NO3	18Jul12	36	1.00	0.40	14.17	2788	5.03	25.83
IAEA-NO3	18Jul12	37	1.00	0.50	23.71	4595	4.53	24.90
IAEA-NO3	18Jul12	38	1.00	1.10	48.12	9099	4.72	25.24
						avg	**4.70**	**25.21**
						stdev	**0.24**	**0.45**

Sample ID	Sample Type	Cup Number	Sampling Date	Unit	Result/Peak Area Nitrate + Nitrite	Expected NO3 Value
NO3 A 20.00	CalStd	1	12-Jul-12	uv-s	33606092.00	
NO3 B 12.00	CalStd	2	12-Jul-12	uv-s	23936238.00	
NO3 C 6.00	CalStd	3	12-Jul-12	uv-s	13178970.00	
NO3 D 2.00	CalStd	4	12-Jul-12	uv-s	4635290.00	
NO3 E 0.75	CalStd	5	12-Jul-12	uv-s	1756883.00	
NO3 F 0.25	CalStd	6	12-Jul-12	uv-s	758541.00	
NO3 G 0.05	CalStd	7	12-Jul-12	uv-s	139405.00	
NO3 H 0.00	CalStd	8	12-Jul-12	uv-s	0.00	
HWY54	sample	3	12-Jul-12	mg N/L	0.21	
HWY54	dup sam	4	12-Jul-12	mg N/L	0.22	
I	standard	2	12-Jul-12	mg N/L	7.82	8.00
I	standard	32	12-Jul-12	mg N/L	7.88	8.00
I	standard	45	12-Jul-12	mg N/L	7.92	8.00
NO3 A	standard	47	12-Jul-12	mg N/L	19.99	20.00
NO3 B	standard	1	12-Jul-12	mg N/L	12.01	12.00
NO3 B	standard	48	12-Jul-12	mg N/L	12.10	12.00
NO3 C	standard	16	12-Jul-12	mg N/L	6.18	6.00
NO3 C	standard	49	12-Jul-12	mg N/L	6.17	6.00
NO3 D	standard	31	12-Jul-12	mg N/L	1.97	2.00
NO3 D	standard	50	12-Jul-12	mg N/L	1.97	2.00
NO3 E	standard	51	12-Jul-12	mg N/L	0.71	0.75
NO3 F	standard	52	12-Jul-12	mg N/L	0.30	0.25
NO3 G	standard	53	12-Jul-12	mg N/L	0.05	0.05
NO3 H	standard	54	12-Jul-12	mg N/L	0.00	0.00
O	standard	17	12-Jul-12	mg N/L	0.51	0.50
O	standard	46	12-Jul-12	mg N/L	0.50	0.50




Nitrate Calibration Curve
y = -37844x² + 2E+06x + 3659.7
R² = 0.9999
40000000
35000000
30000000
25000000
20000000
15000000
10000000
5000000
0
0
5
10
15
20
25
NO3 Concentration (mg N/L)

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
PF #9	W2I0570-01	Ground Water	24-Sep-12 07:26	GS	24-Sep-2012
PFSP	W2I0570-02	Ground Water	24-Sep-12 08:46	GS	24-Sep-2012
PF #6	W2I0570-03	Ground Water	24-Sep-12 09:40	GS	24-Sep-2012
EGA #1	W2I0570-04	Ground Water	24-Sep-12 12:45	GS	24-Sep-2012
EGA #2	W2I0570-05	Ground Water	24-Sep-12 13:32	GS	24-Sep-2012
HLW #1	W2I0570-06	Ground Water	24-Sep-12 14:25	GS	24-Sep-2012
SL #4	W2I0570-07	Ground Water	24-Sep-12 15:30	GS	24-Sep-2012
Dup #1	W2I0570-08	Ground Water	24-Sep-12 16:50	GS	24-Sep-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **PF #9**
SVL Sample ID: **W2I0570-01 (Ground Water)**

Sampled: 24-Sep-12 07:26
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	27.6	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:16	
EPA 200.7	**Magnesium**	13.2	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:16	
EPA 200.7	**Potassium**	1.98	mg/L	0.50	0.08		W239143	TJK	10/05/12 12:16	
EPA 200.7	**Sodium**	2.80	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:16	
EPA 200.8	**Arsenic**	0.0045	mg/L	0.0030	0.0003	2.5	W240042	DT	10/04/12 17:30	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	119	mg/L	1.0			W239156	DKS	09/26/12 10:28	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 10:28	
SM 2320B/2310B	**Total Alkalinity**	119	mg/L	1.0			W239156	DKS	09/26/12 10:28	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 12:47	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 17:59	
EPA 300.0	**Chloride**	3.85	mg/L	0.20	0.03		W240152	AEW	10/02/12 17:59	
EPA 300.0	**Sulfate as SO4**	9.76	mg/L	0.30	0.05		W240152	AEW	10/02/12 17:59	

Cation/Anion Balance and TDS Ratios

Cation Sum: 2.64 meq/L Anion Sum: 2.69 meq/L C/A Balance: -1.00 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **PFSP**
SVL Sample ID: **W2I0570-02 (Ground Water)**

Sampled: 24-Sep-12 08:46
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	10.5	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:27	
EPA 200.7	**Magnesium**	2.97	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:27	
EPA 200.7	**Potassium**	0.95	mg/L	0.50	0.08		W239143	TJK	10/05/12 12:27	
EPA 200.7	**Sodium**	2.34	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:27	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240042	DT	10/04/12 17:32	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	42.9	mg/L	1.0			W239156	DKS	09/26/12 10:33	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 10:33	
SM 2320B/2310B	**Total Alkalinity**	42.9	mg/L	1.0			W239156	DKS	09/26/12 10:33	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 12:58	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 18:27	
EPA 300.0	**Chloride**	1.38	mg/L	0.20	0.03		W240152	AEW	10/02/12 18:27	
EPA 300.0	**Sulfate as SO4**	3.92	mg/L	0.30	0.05		W240152	AEW	10/02/12 18:27	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 0.89 meq/L Anion Sum: 0.98 meq/L C/A Balance: -4.44 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **PF #6**
SVL Sample ID: **W2I0570-03 (Ground Water)**

Sampled: 24-Sep-12 09:40
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	20.5	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:31	
EPA 200.7	**Magnesium**	5.90	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:31	
EPA 200.7	**Potassium**	1.52	mg/L	0.50	0.08		W239143	TJK	10/05/12 12:31	
EPA 200.7	**Sodium**	2.36	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:31	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240042	DT	10/04/12 17:36	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	76.0	mg/L	1.0			W239156	DKS	09/26/12 10:48	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 10:48	
SM 2320B/2310B	**Total Alkalinity**	76.0	mg/L	1.0			W239156	DKS	09/26/12 10:48	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 13:08	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 18:37	
EPA 300.0	**Chloride**	4.37	mg/L	0.20	0.03		W240152	AEW	10/02/12 18:37	
EPA 300.0	**Sulfate as SO4**	5.02	mg/L	0.30	0.05		W240152	AEW	10/02/12 18:37	

Cation/Anion Balance and TDS Ratios

Cation Sum: 1.65 meq/L Anion Sum: 1.75 meq/L C/A Balance: -2.83 %

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **EGA #1**
SVL Sample ID: **W2I0570-04 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 24-Sep-12 12:45
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	35.8	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:35	
EPA 200.7	**Magnesium**	17.6	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:35	
EPA 200.7	**Potassium**	2.39	mg/L	0.50	0.08		W239143	TJK	10/05/12 12:35	
EPA 200.7	**Sodium**	3.10	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:35	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	160	mg/L	1.0			W239156	DKS	09/26/12 10:53	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 10:53	
SM 2320B/2310B	**Total Alkalinity**	160	mg/L	1.0			W239156	DKS	09/26/12 10:53	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 13:19	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 18:46	
EPA 300.0	**Sulfate as SO4**	14.6	mg/L	0.30	0.05		W240152	AEW	10/02/12 18:46	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **EGA #2**
SVL Sample ID: **W2I0570-05 (Ground Water)**

Sampled: 24-Sep-12 13:32
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	34.1	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:39	
EPA 200.7	**Magnesium**	17.4	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:39	
EPA 200.7	**Potassium**	2.18	mg/L	0.50	0.08		W239143	TJK	10/05/12 12:39	
EPA 200.7	**Sodium**	2.91	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:39	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240042	DT	10/04/12 17:38	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	158	mg/L	1.0			W239156	DKS	09/26/12 11:02	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 11:02	
SM 2320B/2310B	**Total Alkalinity**	158	mg/L	1.0			W239156	DKS	09/26/12 11:02	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W239247	SM	09/28/12 14:24	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 18:55	
EPA 300.0	**Chloride**	2.11	mg/L	0.20	0.03		W240152	AEW	10/02/12 18:55	
EPA 300.0	**Sulfate as SO4**	8.81	mg/L	0.30	0.05		W240152	AEW	10/02/12 18:55	

Cation/Anion Balance and TDS Ratios

Cation Sum: 3.32 meq/L Anion Sum: 3.40 meq/L C/A Balance: -1.25 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **HLW #1**
SVL Sample ID: **W2I0570-06 (Ground Water)**

Sampled: 24-Sep-12 14:25
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	56.6	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:42	
EPA 200.7	**Magnesium**	9.56	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:42	
EPA 200.7	**Potassium**	2.21	mg/L	0.50	0.08		W239143	TJK	10/05/12 12:42	
EPA 200.7	**Sodium**	4.58	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:42	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	190	mg/L	1.0			W239156	DKS	09/26/12 11:08	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 11:08	
SM 2320B/2310B	**Total Alkalinity**	190	mg/L	1.0			W239156	DKS	09/26/12 11:08	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W239247	SM	09/28/12 14:33	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 19:05	
EPA 300.0	**Sulfate as SO4**	5.10	mg/L	0.30	0.05		W240152	AEW	10/02/12 19:05	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **SL #4**
SVL Sample ID: **W2I0570-07 (Ground Water)**

Sampled: 24-Sep-12 15:30
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	17.9	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:53	
EPA 200.7	**Magnesium**	4.58	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:53	
EPA 200.7	**Potassium**	1.20	mg/L	0.50	0.08		W239143	TJK	10/05/12 14:16	
EPA 200.7	**Sodium**	2.76	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:53	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	69.3	mg/L	1.0			W239156	DKS	09/26/12 11:14	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 11:14	
SM 2320B/2310B	**Total Alkalinity**	69.3	mg/L	1.0			W239156	DKS	09/26/12 11:14	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W239247	SM	09/28/12 14:43	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 19:33	
EPA 300.0	**Sulfate as SO4**	4.74	mg/L	0.30	0.05		W240152	AEW	10/02/12 19:33	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Client Sample ID: **Dup #1**
SVL Sample ID: **W2I0570-08 (Ground Water)**

Sampled: 24-Sep-12 16:50
Received: 24-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	57.8	mg/L	0.040	0.006		W239143	TJK	10/05/12 12:57	
EPA 200.7	**Magnesium**	9.76	mg/L	0.060	0.011		W239143	TJK	10/05/12 12:57	
EPA 200.7	**Potassium**	2.27	mg/L	0.50	0.08		W239143	TJK	10/05/12 14:22	
EPA 200.7	**Sodium**	4.65	mg/L	0.50	0.06		W239143	TJK	10/05/12 12:57	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240042	DT	10/04/12 17:39	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	188	mg/L	1.0			W239156	DKS	09/26/12 11:18	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239156	DKS	09/26/12 11:18	
SM 2320B/2310B	**Total Alkalinity**	188	mg/L	1.0			W239156	DKS	09/26/12 11:18	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W239247	SM	09/28/12 14:53	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 19:43	
EPA 300.0	**Chloride**	5.56	mg/L	0.20	0.03		W240152	AEW	10/02/12 19:43	
EPA 300.0	**Sulfate as SO4**	5.13	mg/L	0.30	0.05		W240152	AEW	10/02/12 19:43	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.95 meq/L Anion Sum: 4.02 meq/L C/A Balance: -0.90 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
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Project Name: RPA Ground Water Investigation
Work Order: **W210570**
Reported: 08-Oct-12 12:26

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W239143	05-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W239143	05-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W239143	05-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W239143	05-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W240042	04-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W239156	26-Sep-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W239156	26-Sep-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W239156	26-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W239247	28-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240304	04-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W240152	02-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.0	20.0	94.9	85 - 115	W239143	05-Oct-12	
EPA 200.7	Magnesium	mg/L	20.1	20.0	100	85 - 115	W239143	05-Oct-12	
EPA 200.7	Potassium	mg/L	19.9	20.0	99.7	85 - 115	W239143	05-Oct-12	
EPA 200.7	Sodium	mg/L	18.1	19.0	95.2	85 - 115	W239143	05-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0247	0.0250	98.9	85 - 115	W240042	04-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	102	97.2	105	90 - 110	W239156	26-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	30.5	34.3	88.9	80 - 120	W240304	04-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	34.7	34.3	101	80 - 120	W239247	28-Sep-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.88	3.00	96.0	90 - 110	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	3.86	4.00	96.6	90 - 110	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W240152	02-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	26.8	27.6	3.1	20	W239143	05-Oct-12	
EPA 200.7	Magnesium	mg/L	12.8	13.2	2.6	20	W239143	05-Oct-12	
EPA 200.7	Potassium	mg/L	1.94	1.98	1.8	20	W239143	05-Oct-12	
EPA 200.7	Sodium	mg/L	2.73	2.80	2.4	20	W239143	05-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	<0.0030	<RL	20	W240042	04-Oct-12	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	120	119	0.6	20	W239156	26-Sep-12	
SM 2320B/2310B	Bicarbonate	mg/L	120	119	0.6	20	W239156	26-Sep-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W239156	26-Sep-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.88	3.85	0.7	20	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	9.79	9.76	0.3	20	W240152	02-Oct-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	44.9	27.6	20.0	86.5	70 - 130	W239143	05-Oct-12	
EPA 200.7	Calcium	mg/L	84.7	67.0	20.0	88.4	70 - 130	W239143	05-Oct-12	
EPA 200.7	Magnesium	mg/L	32.6	13.2	20.0	97.0	70 - 130	W239143	05-Oct-12	
EPA 200.7	Magnesium	mg/L	60.7	40.8	20.0	99.7	70 - 130	W239143	05-Oct-12	
EPA 200.7	Potassium	mg/L	21.7	1.98	20.0	98.7	70 - 130	W239143	05-Oct-12	
EPA 200.7	Potassium	mg/L	23.1	1.26	20.0	109	70 - 130	W239143	05-Oct-12	
EPA 200.7	Sodium	mg/L	20.5	2.80	19.0	93.2	70 - 130	W239143	05-Oct-12	
EPA 200.7	Sodium	mg/L	22.1	3.64	19.0	97.0	70 - 130	W239143	05-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0249	<0.0030	0.0250	98.1	70 - 130	W240042	04-Oct-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	49.3	<1.00	50.0	97.7	75 - 125	W240304	04-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	49.2	<1.00	50.0	97.2	75 - 125	W239247	28-Sep-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	7.23	3.85	3.00	113	90 - 110	W240152	02-Oct-12	M1
EPA 300.0	Chloride	mg/L	8.82	5.56	3.00	109	90 - 110	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	4.37	<0.10	4.00	109	90 - 110	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	4.14	<0.10	4.00	103	90 - 110	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	21.3	9.76	10.0	115	90 - 110	W240152	02-Oct-12	M1
EPA 300.0	Sulfate as SO4	mg/L	16.2	5.13	10.0	110	90 - 110	W240152	02-Oct-12	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	49.3	49.2	50.0	0.3	20	W239247	28-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	49.5	49.3	50.0	0.4	20	W240304	04-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0570**
Reported: 08-Oct-12 12:26

Notes and Definitions

M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

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Page 1 of 1

W2I0570

FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 6°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail.gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

PO#:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

Project Name: Rathdrum Prairie Aquifer Ground Water Investigation

Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection			Misc.		Preservative(s)							Analyses Required								Comments
		Date	Time	Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Ca, Na, Mg, K	HCO3, Cl, SO4	Br, As	Total Organic Crabon					Standard TAT
1.	PE #9	09/24/12	7:26	GS	2	4	1		1		2			x	x	x	x					-01
2.	PFSP	09/24/12	8:46	GS	2	4	1		1		2			x	x	x	x					-02
3.	PFHG	09/24/12	9:40	GS	2	4	1		1		2			x	x	x	x					-03
4.	EGA#1	09/24/12	12:45	GS	2	4	1		1		2			x	x	x	x					-04
5.	EGA#2	09/24/12	13:35	GS	2	4	1		1		2			x	x	x	x					-05
6.	HLW#1	09/24/12	14:25	GS	2	4	1		1		2			x	x	x	x					-06
7.	SLA4	09/24/12	15:30	GS	2	4	1		1		2			x	x	x	x					-07
8.	Dup #1	09/24/12	16:50	GS	2	4	1		1		2			x	x	x	x					-08
9.		09/24/12		GS	2	4	1		1		2			x	x	x	x					
10.		09/24/12		GS	2	4	1		1		2			x	x	x	x					

Relinquished by: Gary Stevens	Date: 9/24/2012	Time: 17:50	Received by:	Date: 09/24/12	Time: 1750-1650
Relinquished by:	Date: 09/25/12	Time: 1650 0800	Received by:	Date: 9/25/12	Time: 9:10

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 09/24/12 **By:** Johann Drinking Water

SVL Work No: W2I0570

RPA Grond Water Investig. ~~RPA Phosphorus~~

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				09/24/12 @ 1650
3	Received by	✓				Johann
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				X
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				cool pres HNO_3 by client H_2SO_4 pre. pres VOA used by client
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Klg: Metals Ca, Na, Mg, K, As, HCO_3 Cl, SO_4, Br TOC. 8 samples
18	Shipper's air bill				✓	

V- Verified **VC- Verified Corrections Made** **NV-Not Verified** **NA- Not Applicable**

Additional Comments: Crystal - change analysis group: No subcontact analyses: cf

Bill Sandy Maitland Koot. Co Board of Commissioners.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
C4SW	W2I0616-01	Ground Water	25-Sep-12 07:50	GS	25-Sep-2012
CHOW	W2I0616-02	Ground Water	25-Sep-12 08:40	GS	25-Sep-2012
CLAW	W2I0616-03	Ground Water	25-Sep-12 10:10	GS	25-Sep-2012
USFS NUR	W2I0616-04	Ground Water	25-Sep-12 11:15	GS	25-Sep-2012
LAAW	W2I0616-05	Ground Water	25-Sep-12 12:15	GS	25-Sep-2012
FSP3	W2I0616-06	Ground Water	25-Sep-12 15:20	GS	25-Sep-2012
ATH2	W2I0616-07	Ground Water	25-Sep-12 13:20	GS	25-Sep-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **C4SW**
SVL Sample ID: **W2I0616-01 (Ground Water)**

Sampled: 25-Sep-12 07:50
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	28.7	mg/L	0.040	0.006		W239146	AS	10/07/12 10:07	
EPA 200.7	**Magnesium**	13.0	mg/L	0.060	0.011		W239146	AS	10/07/12 10:07	
EPA 200.7	**Potassium**	1.94	mg/L	0.50	0.08		W239146	AS	10/07/12 10:07	
EPA 200.7	**Sodium**	3.36	mg/L	0.50	0.06		W239146	AS	10/07/12 10:07	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	122	mg/L	1.0			W239234	DKS	09/28/12 09:09	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 09:09	
SM 2320B/2310B	**Total Alkalinity**	122	mg/L	1.0			W239234	DKS	09/28/12 09:09	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/04/12 19:30	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 21:36	
EPA 300.0	**Sulfate as SO4**	8.20	mg/L	0.30	0.05		W240152	AEW	10/02/12 21:36	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **CHOW**
SVL Sample ID: **W2I0616-02 (Ground Water)**

Sampled: 25-Sep-12 08:40
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	29.7	mg/L	0.040	0.006		W239146	AS	10/07/12 10:18	
EPA 200.7	**Magnesium**	14.8	mg/L	0.060	0.011		W239146	AS	10/07/12 10:18	
EPA 200.7	**Potassium**	1.92	mg/L	0.50	0.08		W239146	AS	10/07/12 10:18	
EPA 200.7	**Sodium**	3.00	mg/L	0.50	0.06		W239146	AS	10/07/12 10:18	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	137	mg/L	1.0			W239234	DKS	09/28/12 09:17	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 09:17	
SM 2320B/2310B	**Total Alkalinity**	137	mg/L	1.0			W239234	DKS	09/28/12 09:17	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 13:29	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 21:45	
EPA 300.0	**Sulfate as SO4**	9.51	mg/L	0.30	0.05		W240152	AEW	10/02/12 21:45	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **CLAW**
SVL Sample ID: **W2I0616-03 (Ground Water)**

Sampled: 25-Sep-12 10:10
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	35.4	mg/L	0.040	0.006		W239146	AS	10/07/12 10:22	
EPA 200.7	**Magnesium**	19.7	mg/L	0.060	0.011		W239146	AS	10/07/12 10:22	
EPA 200.7	**Potassium**	2.33	mg/L	0.50	0.08		W239146	AS	10/07/12 10:22	
EPA 200.7	**Sodium**	4.40	mg/L	0.50	0.06		W239146	AS	10/07/12 10:22	
EPA 200.8	**Arsenic**	0.0045	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:13	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	161	mg/L	1.0			W239234	DKS	09/28/12 09:24	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 09:24	
SM 2320B/2310B	**Total Alkalinity**	161	mg/L	1.0			W239234	DKS	09/28/12 09:24	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 13:39	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 21:54	
EPA 300.0	**Chloride**	9.67	mg/L	0.20	0.03		W240152	AEW	10/02/12 21:54	
EPA 300.0	**Sulfate as SO4**	14.8	mg/L	0.30	0.05		W240152	AEW	10/02/12 21:54	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **USFS NUR**
SVL Sample ID: **W2I0616-04 (Ground Water)**

Sampled: 25-Sep-12 11:15
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	32.2	mg/L	0.040	0.006		W239146	AS	10/07/12 10:26	
EPA 200.7	**Magnesium**	7.24	mg/L	0.060	0.011		W239146	AS	10/07/12 10:26	
EPA 200.7	**Potassium**	2.66	mg/L	0.50	0.08		W239146	AS	10/07/12 10:26	
EPA 200.7	**Sodium**	3.19	mg/L	0.50	0.06		W239146	AS	10/07/12 10:26	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	107	mg/L	1.0			W239234	DKS	09/28/12 09:34	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 09:34	
SM 2320B/2310B	**Total Alkalinity**	107	mg/L	1.0			W239234	DKS	09/28/12 09:34	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 14:12	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 22:04	
EPA 300.0	**Sulfate as SO4**	6.65	mg/L	0.30	0.05		W240152	AEW	10/02/12 22:04	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **LAAW**
SVL Sample ID: **W2I0616-05 (Ground Water)**

Sampled: 25-Sep-12 12:15
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	28.5	mg/L	0.040	0.006		W239146	AS	10/07/12 10:30	
EPA 200.7	**Magnesium**	9.20	mg/L	0.060	0.011		W239146	AS	10/07/12 10:30	
EPA 200.7	**Potassium**	1.65	mg/L	0.50	0.08		W239146	AS	10/07/12 10:30	
EPA 200.7	**Sodium**	2.62	mg/L	0.50	0.06		W239146	AS	10/07/12 10:30	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	115	mg/L	1.0			W239234	DKS	09/28/12 09:41	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 09:41	
SM 2320B/2310B	**Total Alkalinity**	115	mg/L	1.0			W239234	DKS	09/28/12 09:41	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 14:23	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 22:13	
EPA 300.0	**Sulfate as SO4**	4.53	mg/L	0.30	0.05		W240152	AEW	10/02/12 22:13	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **FSP3**
SVL Sample ID: **W2I0616-06 (Ground Water)**

Sampled: 25-Sep-12 15:20
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.5	mg/L	0.040	0.006		W239146	AS	10/07/12 10:33	
EPA 200.7	**Magnesium**	14.0	mg/L	0.060	0.011		W239146	AS	10/07/12 10:33	
EPA 200.7	**Potassium**	2.00	mg/L	0.50	0.08		W239146	AS	10/07/12 10:33	
EPA 200.7	**Sodium**	3.09	mg/L	0.50	0.06		W239146	AS	10/07/12 10:33	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	141	mg/L	1.0			W239234	DKS	09/28/12 10:06	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 10:06	
SM 2320B/2310B	**Total Alkalinity**	141	mg/L	1.0			W239234	DKS	09/28/12 10:06	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 14:33	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 22:23	
EPA 300.0	**Sulfate as SO4**	13.7	mg/L	0.30	0.05		W240152	AEW	10/02/12 22:23	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Client Sample ID: **ATH2**
SVL Sample ID: **W2I0616-07 (Ground Water)**

Sampled: 25-Sep-12 13:20
Received: 25-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.8	mg/L	0.040	0.006		W239146	AS	10/07/12 10:45	
EPA 200.7	**Magnesium**	14.7	mg/L	0.060	0.011		W239146	AS	10/07/12 10:45	
EPA 200.7	**Potassium**	1.98	mg/L	0.50	0.08		W239146	AS	10/07/12 10:45	
EPA 200.7	**Sodium**	3.44	mg/L	0.50	0.06		W239146	AS	10/07/12 10:45	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	139	mg/L	1.0			W239234	DKS	09/28/12 10:14	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239234	DKS	09/28/12 10:14	
SM 2320B/2310B	**Total Alkalinity**	139	mg/L	1.0			W239234	DKS	09/28/12 10:14	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240304	NCS	10/04/12 14:44	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240152	AEW	10/02/12 22:32	
EPA 300.0	**Sulfate as SO4**	15.0	mg/L	0.30	0.05		W240152	AEW	10/02/12 22:32	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W239146	07-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W239146	07-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W239146	07-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W239146	07-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W240078	09-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W239234	28-Sep-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W239234	28-Sep-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W239234	28-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240304	04-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240323	04-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W240152	02-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.7	20.0	98.3	85 - 115	W239146	07-Oct-12	
EPA 200.7	Magnesium	mg/L	20.8	20.0	104	85 - 115	W239146	07-Oct-12	
EPA 200.7	Potassium	mg/L	20.2	20.0	101	85 - 115	W239146	07-Oct-12	
EPA 200.7	Sodium	mg/L	18.2	19.0	95.9	85 - 115	W239146	07-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0248	0.0250	99.3	85 - 115	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	101	97.2	104	90 - 110	W239234	28-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	30.5	34.3	88.9	80 - 120	W240304	04-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	31.6	34.3	92.2	80 - 120	W240323	04-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.88	3.00	96.0	90 - 110	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	3.86	4.00	96.6	90 - 110	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W240152	02-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	28.5	28.7	0.5	20	W239146	07-Oct-12	
EPA 200.7	Magnesium	mg/L	13.0	13.0	0.2	20	W239146	07-Oct-12	
EPA 200.7	Potassium	mg/L	1.98	1.94	2.2	20	W239146	07-Oct-12	
EPA 200.7	Sodium	mg/L	3.41	3.36	1.6	20	W239146	07-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0691	0.0659	4.7	20	W240078	09-Oct-12	

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IDEQ Coeur d'Alene Regional Office
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Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	124	122	1.5	20	W239234	28-Sep-12	
SM 2320B/2310B	Bicarbonate	mg/L	124	122	1.5	20	W239234	28-Sep-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W239234	28-Sep-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.88	3.85	0.7	20	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	9.79	9.76	0.3	20	W240152	02-Oct-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	47.4	28.7	20.0	93.9	70 - 130	W239146	07-Oct-12	
EPA 200.7	Calcium	mg/L	52.3	33.8	20.0	92.6	70 - 130	W239146	07-Oct-12	
EPA 200.7	Magnesium	mg/L	34.2	13.0	20.0	106	70 - 130	W239146	07-Oct-12	
EPA 200.7	Magnesium	mg/L	34.8	14.7	20.0	101	70 - 130	W239146	07-Oct-12	
EPA 200.7	Potassium	mg/L	22.3	1.94	20.0	102	70 - 130	W239146	07-Oct-12	
EPA 200.7	Potassium	mg/L	22.3	1.98	20.0	102	70 - 130	W239146	07-Oct-12	
EPA 200.7	Sodium	mg/L	21.9	3.36	19.0	97.6	70 - 130	W239146	07-Oct-12	
EPA 200.7	Sodium	mg/L	21.6	3.44	19.0	95.8	70 - 130	W239146	07-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0930	0.0659	0.0250	108	70 - 130	W240078	09-Oct-12	
EPA 200.8	Arsenic	mg/L	0.184	0.156	0.0250	110	70 - 130	W240078	09-Oct-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	49.3	<1.00	50.0	97.7	75 - 125	W240304	04-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	49.7	<1.00	50.0	98.7	75 - 125	W240323	04-Oct-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	7.23	3.85	3.00	113	90 - 110	W240152	02-Oct-12	M1
EPA 300.0	Chloride	mg/L	8.82	5.56	3.00	109	90 - 110	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	4.37	<0.10	4.00	109	90 - 110	W240152	02-Oct-12	
EPA 300.0	Bromide	mg/L	4.14	<0.10	4.00	103	90 - 110	W240152	02-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	21.3	9.76	10.0	115	90 - 110	W240152	02-Oct-12	M1
EPA 300.0	Sulfate as SO4	mg/L	16.2	5.13	10.0	110	90 - 110	W240152	02-Oct-12	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	49.5	49.3	50.0	0.4	20	W240304	04-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	51.8	49.7	50.0	4.3	20	W240323	05-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0616**
Reported: 09-Oct-12 13:04

Notes and Definitions

M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

W2I0616

CHAIN OF CUSTODY RECORD

Page 1 of 1

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FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 5°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required: Ca, Na, Mg, K	HCO3, SO4	Br,	Total Organic Crabon	As (Arsenic)	Cl (chloride)			Comments: Standard TAT
1.	C4SW	09/25/12	7:50	GS	2	4	1		1		2			x	x	x	x					
2.	CHOW	09/25/12	8:40	GS	2	4	1		1		2			x	x	x	x					
3.	CLAW	09/25/12	10:10	GS	2	4	1		1		2			x	x	x	x	X	X			
4.	USFS Nur	09/25/12	11:15	GS	2	4	1		1		2			x	x	x	x					
5.	LAAW	09/25/12	12:15	GS	2	4	1		1		2			x	x	x	x					
6.	FSP3 1520	09/25/12	15:20	GS	2	4	1		1		2			x	x	x	x					
7.	ATH2 1380	09/25/12	13:20	GS	2	4	1		1		2			x	x	x	x					
8.		09/25/12		GS	2	4	1		1		2			x	x	x	x					
9.		09/25/12		GS	2	4	1		1		2			x	x	x	x					
10.		09/25/12		GS	2	4	1		1		2			x	x	x	x					

Relinquished by: Gary Stevens	Date: 9/25/2012	Time: 1637	Received by:	Date: 09/25/12	Time: 1637
Relinquished by:	Date: 9/26/12	Time: 0815	Received by:	Date: 09/26/12	Time: 8

9/26/12 10:00

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 02/25/12 **By:** Upham

SVL Work No: W2I0616

RPA GW Investigation

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ COR Gary Stevens
2	Date and time of receipt at lab	✓				02/25/12 @ 1637
3	Received by	✓				Upham
4	Temperature blank or cooler temperature	✓				Temp. 5 °C.
5	Were the sample(s) received on ice	✓				X
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				H_2SO_4 pres VOAs used for TOC HNO_3 pres by client for metals raw-cool
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Kellogg: Ca, Na, Mg, K, HCO_3; Seven samples one sample As SO_4, Br (seven samples) one sample Cl TOC - Seven samples
18	Shipper's air bill				✓	

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Crystal Note change in Analysis group

Bill Sandy Maitland
Foot to Board of Commissioners

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
MVT #1	W2I0669-01	Ground Water	26-Sep-12 08:20	GS	26-Sep-2012
HAY #2	W2I0669-02	Ground Water	26-Sep-12 09:25	GS	26-Sep-2012
MDLA	W2I0669-03	Ground Water	26-Sep-12 10:30	GS	26-Sep-2012
TLWS	W2I0669-04	Ground Water	26-Sep-12 11:55	GS	26-Sep-2012
EASA	W2I0669-05	Ground Water	26-Sep-12 12:25	GS	26-Sep-2012
CHSA	W2I0669-06	Ground Water	26-Sep-12 13:35	GS	26-Sep-2012
OHMA	W2I0669-07	Ground Water	26-Sep-12 14:20	GS	26-Sep-2012
DUP #2	W2I0669-08	Ground Water	26-Sep-12 15:15	GS	26-Sep-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **MVT #1**
SVL Sample ID: **W2I0669-01 (Ground Water)**

Sampled: 26-Sep-12 08:20
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	32.7	mg/L	0.040	0.006		W239277	AS	10/08/12 13:05	
EPA 200.7	**Magnesium**	15.3	mg/L	0.060	0.011		W239277	AS	10/08/12 13:05	
EPA 200.7	**Potassium**	2.38	mg/L	0.50	0.08		W239277	AS	10/08/12 13:05	
EPA 200.7	**Sodium**	3.26	mg/L	0.50	0.06		W239277	AS	10/08/12 13:05	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	143	mg/L	1.0			W239281	DKS	09/28/12 10:32	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 10:32	
SM 2320B/2310B	**Total Alkalinity**	143	mg/L	1.0			W239281	DKS	09/28/12 10:32	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/04/12 19:51	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 18:37	
EPA 300.0	**Sulfate as SO4**	11.1	mg/L	0.30	0.05		W240235	AEW	10/03/12 18:37	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **HAY #2**
SVL Sample ID: **W2I0669-02 (Ground Water)**

Sampled: 26-Sep-12 09:25
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	18.7	mg/L	0.040	0.006		W239277	AS	10/08/12 13:22	
EPA 200.7	**Magnesium**	3.19	mg/L	0.060	0.011		W239277	AS	10/08/12 13:22	
EPA 200.7	**Potassium**	1.18	mg/L	0.50	0.08		W239277	AS	10/08/12 13:22	
EPA 200.7	**Sodium**	2.11	mg/L	0.50	0.06		W239277	AS	10/08/12 13:22	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	66.2	mg/L	1.0			W239281	DKS	09/28/12 10:37	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 10:37	
SM 2320B/2310B	**Total Alkalinity**	66.2	mg/L	1.0			W239281	DKS	09/28/12 10:37	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 10:32	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 18:49	
EPA 300.0	**Sulfate as SO4**	1.88	mg/L	0.30	0.05		W240235	AEW	10/03/12 18:49	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **MDLA**
SVL Sample ID: **W2I0669-03 (Ground Water)**

Sampled: 26-Sep-12 10:30
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	32.4	mg/L	0.040	0.006		W239277	AS	10/08/12 13:27	
EPA 200.7	**Magnesium**	15.4	mg/L	0.060	0.011		W239277	AS	10/08/12 13:27	
EPA 200.7	**Potassium**	1.85	mg/L	0.50	0.08		W239277	AS	10/08/12 13:27	
EPA 200.7	**Sodium**	3.24	mg/L	0.50	0.06		W239277	AS	10/08/12 13:27	
EPA 200.8	**Arsenic**	0.0037	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:15	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	143	mg/L	1.0			W239281	DKS	09/28/12 10:41	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 10:41	
SM 2320B/2310B	**Total Alkalinity**	143	mg/L	1.0			W239281	DKS	09/28/12 10:41	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 10:42	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 19:00	
EPA 300.0	**Chloride**	1.68	mg/L	0.20	0.03		W240235	AEW	10/03/12 19:00	
EPA 300.0	**Sulfate as SO4**	15.9	mg/L	0.30	0.05		W240235	AEW	10/03/12 19:00	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **TLWS**
SVL Sample ID: **W2I0669-04 (Ground Water)**

Sampled: 26-Sep-12 11:55
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	24.2	mg/L	0.040	0.006		W239277	AS	10/08/12 13:32	
EPA 200.7	**Magnesium**	7.46	mg/L	0.060	0.011		W239277	AS	10/08/12 13:32	
EPA 200.7	**Potassium**	1.41	mg/L	0.50	0.08		W239277	AS	10/08/12 13:32	
EPA 200.7	**Sodium**	2.83	mg/L	0.50	0.06		W239277	AS	10/08/12 13:32	
EPA 200.8	**Arsenic**	0.0063	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:16	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	94.3	mg/L	1.0			W239281	DKS	09/28/12 10:47	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 10:47	
SM 2320B/2310B	**Total Alkalinity**	94.3	mg/L	1.0			W239281	DKS	09/28/12 10:47	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 10:53	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 19:34	
EPA 300.0	**Chloride**	2.10	mg/L	0.20	0.03		W240235	AEW	10/03/12 19:34	
EPA 300.0	**Sulfate as SO4**	6.89	mg/L	0.30	0.05		W240235	AEW	10/03/12 19:34	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **EASA**
SVL Sample ID: **W2I0669-05 (Ground Water)**

Sampled: 26-Sep-12 12:25
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	19.3	mg/L	0.040	0.006		W239277	AS	10/08/12 13:38	
EPA 200.7	**Magnesium**	7.32	mg/L	0.060	0.011		W239277	AS	10/08/12 13:38	
EPA 200.7	**Potassium**	1.31	mg/L	0.50	0.08		W239277	AS	10/08/12 13:38	
EPA 200.7	**Sodium**	2.72	mg/L	0.50	0.06		W239277	AS	10/08/12 13:38	
EPA 200.8	**Arsenic**	0.0069	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:17	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	82.2	mg/L	1.0			W239281	DKS	09/28/12 10:51	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 10:51	
SM 2320B/2310B	**Total Alkalinity**	82.2	mg/L	1.0			W239281	DKS	09/28/12 10:51	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 11:03	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 20:09	
EPA 300.0	**Chloride**	2.30	mg/L	0.20	0.03		W240235	AEW	10/03/12 20:09	
EPA 300.0	**Sulfate as SO4**	5.20	mg/L	0.30	0.05		W240235	AEW	10/03/12 20:09	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **CHSA**
SVL Sample ID: **W2I0669-06 (Ground Water)**

Sampled: 26-Sep-12 13:35
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	35.5	mg/L	0.040	0.006		W239277	AS	10/08/12 13:54	
EPA 200.7	**Magnesium**	6.01	mg/L	0.060	0.011		W239277	AS	10/08/12 13:54	
EPA 200.7	**Potassium**	2.29	mg/L	0.50	0.08		W239277	AS	10/08/12 13:54	
EPA 200.7	**Sodium**	4.35	mg/L	0.50	0.06		W239277	AS	10/08/12 13:54	
EPA 200.8	**Arsenic**	0.0044	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:19	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	115	mg/L	1.0			W239281	DKS	09/28/12 11:00	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 11:00	
SM 2320B/2310B	**Total Alkalinity**	115	mg/L	1.0			W239281	DKS	09/28/12 11:00	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 11:14	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 20:20	
EPA 300.0	**Chloride**	12.4	mg/L	1.00	0.16	5	W240235	AEW	10/04/12 13:13	D2
EPA 300.0	**Sulfate as SO4**	3.99	mg/L	0.30	0.05		W240235	AEW	10/03/12 20:20	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **OHMA**
SVL Sample ID: **W2I0669-07 (Ground Water)**

Sampled: 26-Sep-12 14:20
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	77.3	mg/L	0.040	0.006		W239277	AS	10/08/12 13:59	
EPA 200.7	**Magnesium**	14.0	mg/L	0.060	0.011		W239277	AS	10/08/12 13:59	
EPA 200.7	**Potassium**	4.25	mg/L	0.50	0.08		W239277	AS	10/08/12 13:59	
EPA 200.7	**Sodium**	4.75	mg/L	0.50	0.06		W239277	AS	10/08/12 13:59	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:23	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	246	mg/L	1.0			W239281	DKS	09/28/12 11:05	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 11:05	
SM 2320B/2310B	**Total Alkalinity**	246	mg/L	1.0			W239281	DKS	09/28/12 11:05	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 11:24	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 20:31	
EPA 300.0	**Chloride**	22.5	mg/L	1.00	0.16	5	W240235	AEW	10/04/12 13:23	D2
EPA 300.0	**Sulfate as SO4**	7.44	mg/L	0.30	0.05		W240235	AEW	10/03/12 20:31	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Client Sample ID: **DUP #2**
SVL Sample ID: **W2I0669-08 (Ground Water)**

Sampled: 26-Sep-12 15:15
Received: 26-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	32.4	mg/L	0.040	0.006		W239277	AS	10/08/12 14:05	
EPA 200.7	**Magnesium**	15.2	mg/L	0.060	0.011		W239277	AS	10/08/12 14:05	
EPA 200.7	**Potassium**	2.37	mg/L	0.50	0.08		W239277	AS	10/08/12 14:05	
EPA 200.7	**Sodium**	3.20	mg/L	0.50	0.06		W239277	AS	10/08/12 14:05	
EPA 200.8	**Arsenic**	0.0062	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:25	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	142	mg/L	1.0			W239281	DKS	09/28/12 11:12	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W239281	DKS	09/28/12 11:12	
SM 2320B/2310B	**Total Alkalinity**	142	mg/L	1.0			W239281	DKS	09/28/12 11:12	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240323	SM	10/05/12 11:35	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240235	AEW	10/03/12 20:54	
EPA 300.0	**Chloride**	4.13	mg/L	0.20	0.03		W240235	AEW	10/03/12 20:54	
EPA 300.0	**Sulfate as SO4**	11.1	mg/L	0.30	0.05		W240235	AEW	10/03/12 20:54	

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Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W239277	08-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W239277	08-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W239277	08-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W239277	08-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W240078	09-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W239281	28-Sep-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W239281	28-Sep-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W239281	28-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240323	04-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W240235	03-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W240235	03-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W240235	03-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.1	20.0	95.4	85 - 115	W239277	08-Oct-12	
EPA 200.7	Magnesium	mg/L	19.4	20.0	97.1	85 - 115	W239277	08-Oct-12	
EPA 200.7	Potassium	mg/L	19.4	20.0	96.8	85 - 115	W239277	08-Oct-12	
EPA 200.7	Sodium	mg/L	18.3	19.0	96.2	85 - 115	W239277	08-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0248	0.0250	99.3	85 - 115	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	99.3	97.2	102	90 - 110	W239281	28-Sep-12	
SM 5310B	Total Organic Carbon	mg/L	31.6	34.3	92.2	80 - 120	W240323	04-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.75	3.00	91.8	90 - 110	W240235	03-Oct-12	
EPA 300.0	Bromide	mg/L	3.93	4.00	98.2	90 - 110	W240235	03-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W240235	03-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	32.7	32.7	0.0	20	W239277	08-Oct-12	
EPA 200.7	Magnesium	mg/L	15.3	15.3	0.0	20	W239277	08-Oct-12	
EPA 200.7	Potassium	mg/L	2.37	2.38	0.1	20	W239277	08-Oct-12	
EPA 200.7	Sodium	mg/L	3.26	3.26	0.1	20	W239277	08-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0691	0.0659	4.7	20	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	141	143	1.4	20	W239281	28-Sep-12	
SM 2320B/2310B	Bicarbonate	mg/L	141	143	1.4	20	W239281	28-Sep-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W239281	28-Sep-12	

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Project Name: RPA Ground Water Investigation
Work Order: **W210669**
Reported: 09-Oct-12 13:14

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	1.67	1.68	0.7	20	W240235	03-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	UDL	20	W240235	03-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	15.8	15.9	0.6	20	W240235	03-Oct-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	51.2	32.7	20.0	92.5	70 - 130	W239277	08-Oct-12	
EPA 200.7	Magnesium	mg/L	34.1	15.3	20.0	94.1	70 - 130	W239277	08-Oct-12	
EPA 200.7	Potassium	mg/L	21.9	2.38	20.0	97.5	70 - 130	W239277	08-Oct-12	
EPA 200.7	Sodium	mg/L	21.7	3.26	19.0	96.8	70 - 130	W239277	08-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0930	0.0659	0.0250	108	70 - 130	W240078	09-Oct-12	
EPA 200.8	Arsenic	mg/L	0.184	0.156	0.0250	110	70 - 130	W240078	09-Oct-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	49.7	<1.00	50.0	98.7	75 - 125	W240323	04-Oct-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.65	1.68	3.00	99.1	90 - 110	W240235	03-Oct-12	
EPA 300.0	Chloride	mg/L	25.2	22.5	3.00	91.0	90 - 110	W240235	04-Oct-12	D2
EPA 300.0	Bromide	mg/L	4.15	<0.10	4.00	104	90 - 110	W240235	03-Oct-12	
EPA 300.0	Bromide	mg/L	4.33	<0.10	4.00	107	90 - 110	W240235	03-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	27.0	15.9	10.0	111	90 - 110	W240235	03-Oct-12	M1
EPA 300.0	Sulfate as SO4	mg/L	18.4	7.44	10.0	109	90 - 110	W240235	03-Oct-12	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.8	49.7	50.0	4.3	20	W240323	05-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0669**
Reported: 09-Oct-12 13:14

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

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Page 1 of 1

W2I0667

FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 6°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collection: Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	Preservative(s): HNO3 Filtered	Preservative(s): HNO3 Unfiltered	Preservative(s): HCl	Preservative(s): H2SO4	Preservative(s): NaOH	Preservative(s): Other (Specify)	Analyses Required: Total Phosphorus	Analyses Required: Ortho-Phosphorus	Comments: Standard TAT
1.	MYTH1	09/26/12	9:20	GS	2	2	1				1			x	x	
2.	HAY#2	09/26/12	9:25	GS	2	2	1				1			x	x	
3.	Dup #2	09/26/12	15:20	GS	2	2	1				1			x	x	
4.		09/26/12		GS	2	2	1				1			x	x	
5.		09/26/12		GS	2	2	1				1			x	x	
6.		09/26/12		GS	2	2	1				1			x	x	
7.		09/26/12		GS	2	2	1				1			x	x	
8.		09/26/12		GS	2	2	1				1			x	x	
9.		09/26/12		GS	2	2	1				1			x	x	
10.		09/26/12		GS	2	2	1				1			x	x	

Relinquished by: Gary Stevens		Date: 9/26/2012	Time: 15:10	Received by:		Date: 09/26/2012	Time: 1910
Relinquished by:		Date: 09/27/12	Time: 0815	Received by:	09/27/12 8:15	Date:	Time:

9-27-12 9:15

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 9/26/12 **By:** Jpham

SVL Work No: W2I0667

RPA Phosphorus
~~RPG~~ RPGWI

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ, CDA Gary Stevens
2	Date and time of receipt at lab	✓				09/26/12 @ 1510
3	Received by	✓				Jpham
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				H_2SO_4 pres by client cool
12	Did an SVL employee preserve sample(s) upon receipt	✓				
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Klg: Total Phosphorus LL } 3 samples O-Phos LL }
18	Shipper's air bill				✓	

V- Verified **VC- Verified Corrections Made** **NV-Not Verified** **NA- Not Applicable**

Additional Comments: Bill Sandy Maitland
Koot-Co Board of Commissioners

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0699**
Reported: 10-Oct-12 09:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
RAES	W2I0699-01	Ground Water	27-Sep-12 09:40	GS	27-Sep-2012
DIBE	W2I0699-02	Ground Water	27-Sep-12 13:20	GS	27-Sep-2012
ALPWS	W2I0699-03	Ground Water	27-Sep-12 14:20	GS	27-Sep-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0699**
Reported: 10-Oct-12 09:14

Client Sample ID: **RAES**
SVL Sample ID: **W2I0699-01 (Ground Water)**

Sampled: 27-Sep-12 09:40
Received: 27-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	39.7	mg/L	0.040	0.006		W239327	AS	10/08/12 17:23	
EPA 200.7	**Magnesium**	21.0	mg/L	0.060	0.011		W239327	AS	10/08/12 17:23	
EPA 200.7	**Potassium**	1.83	mg/L	0.50	0.08		W239327	AS	10/08/12 17:23	
EPA 200.7	**Sodium**	2.19	mg/L	0.50	0.06		W239327	AS	10/08/12 17:23	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:26	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	186	mg/L	1.0			W240108	DKS	10/03/12 10:57	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240108	DKS	10/03/12 10:57	
SM 2320B/2310B	**Total Alkalinity**	186	mg/L	1.0			W240108	DKS	10/03/12 10:57	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 12:30	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240377	AEW	10/05/12 14:15	
EPA 300.0	**Chloride**	3.03	mg/L	0.20	0.03		W240377	AEW	10/05/12 14:15	
EPA 300.0	**Sulfate as SO4**	9.27	mg/L	0.30	0.05		W240377	AEW	10/05/12 14:15	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0699**
Reported: 10-Oct-12 09:14

Client Sample ID: **DIBE**
SVL Sample ID: **W2I0699-02 (Ground Water)**

Sampled: 27-Sep-12 13:20
Received: 27-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.0	mg/L	0.040	0.006		W239327	AS	10/08/12 17:29	
EPA 200.7	**Magnesium**	20.6	mg/L	0.060	0.011		W239327	AS	10/08/12 17:29	
EPA 200.7	**Potassium**	2.08	mg/L	0.50	0.08		W239327	AS	10/08/12 17:29	
EPA 200.7	**Sodium**	2.42	mg/L	0.50	0.06		W239327	AS	10/08/12 17:29	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:27	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	173	mg/L	1.0			W240108	DKS	10/03/12 11:04	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240108	DKS	10/03/12 11:04	
SM 2320B/2310B	**Total Alkalinity**	173	mg/L	1.0			W240108	DKS	10/03/12 11:04	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 12:41	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240377	AEW	10/05/12 14:46	
EPA 300.0	**Chloride**	1.57	mg/L	0.20	0.03		W240377	AEW	10/05/12 14:46	
EPA 300.0	**Sulfate as SO4**	16.9	mg/L	0.30	0.05		W240377	AEW	10/05/12 14:46	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0699**
Reported: 10-Oct-12 09:14

Client Sample ID: **ALPWS**
SVL Sample ID: **W2I0699-03 (Ground Water)**

Sampled: 27-Sep-12 14:20
Received: 27-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	42.9	mg/L	0.040	0.006		W239327	AS	10/08/12 17:35	
EPA 200.7	**Magnesium**	9.18	mg/L	0.060	0.011		W239327	AS	10/08/12 17:35	
EPA 200.7	**Potassium**	2.40	mg/L	0.50	0.08		W239327	AS	10/08/12 17:35	
EPA 200.7	**Sodium**	2.50	mg/L	0.50	0.06		W239327	AS	10/08/12 17:35	
EPA 200.8	**Arsenic**	0.0037	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:29	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	150	mg/L	1.0			W240108	DKS	10/03/12 11:11	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240108	DKS	10/03/12 11:11	
SM 2320B/2310B	**Total Alkalinity**	150	mg/L	1.0			W240108	DKS	10/03/12 11:11	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 12:51	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W240377	AEW	10/05/12 15:18	
EPA 300.0	**Chloride**	4.18	mg/L	0.20	0.03		W240377	AEW	10/05/12 15:18	
EPA 300.0	**Sulfate as SO4**	4.52	mg/L	0.30	0.05		W240377	AEW	10/05/12 15:18	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0699**
Reported: 10-Oct-12 09:14

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W239327	08-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W239327	08-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W239327	08-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W239327	08-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W240078	09-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W240108	03-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W240108	03-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W240108	03-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240325	05-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W240377	05-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W240377	05-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W240377	05-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.1	20.0	95.4	85 - 115	W239327	08-Oct-12	
EPA 200.7	Magnesium	mg/L	19.1	20.0	95.6	85 - 115	W239327	08-Oct-12	
EPA 200.7	Potassium	mg/L	19.3	20.0	96.6	85 - 115	W239327	08-Oct-12	
EPA 200.7	Sodium	mg/L	18.2	19.0	95.6	85 - 115	W239327	08-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0248	0.0250	99.3	85 - 115	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	103	97.2	106	90 - 110	W240108	03-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	32.9	34.3	95.9	80 - 120	W240325	05-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.96	3.00	98.6	90 - 110	W240377	05-Oct-12	
EPA 300.0	Bromide	mg/L	4.02	4.00	100	90 - 110	W240377	05-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W240377	05-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	66.5	66.7	0.4	20	W239327	08-Oct-12	
EPA 200.7	Magnesium	mg/L	95.5	95.4	0.2	20	W239327	08-Oct-12	
EPA 200.7	Potassium	mg/L	12.0	12.0	0.5	20	W239327	08-Oct-12	
EPA 200.7	Sodium	mg/L	10.1	10.0	0.6	20	W239327	08-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0691	0.0659	4.7	20	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	192	186	2.7	20	W240108	03-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	192	186	2.7	20	W240108	03-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W240108	03-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0699**
Reported: 10-Oct-12 09:14

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	3.03	3.03	0.2	20	W240377	05-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	<0.10	<RL	20	W240377	05-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	9.15	9.27	1.3	20	W240377	05-Oct-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	85.8	66.7	20.0	95.5	70 - 130	W239327	08-Oct-12	
EPA 200.7	Calcium	mg/L	89.1	70.5	20.0	92.8	70 - 130	W239327	08-Oct-12	
EPA 200.7	Magnesium	mg/L	116	95.4	20.0	105	70 - 130	W239327	08-Oct-12	M3
EPA 200.7	Magnesium	mg/L	122	103	20.0	98.3	70 - 130	W239327	08-Oct-12	M3
EPA 200.7	Potassium	mg/L	32.3	12.0	20.0	102	70 - 130	W239327	08-Oct-12	
EPA 200.7	Potassium	mg/L	32.9	12.8	20.0	101	70 - 130	W239327	08-Oct-12	
EPA 200.7	Sodium	mg/L	29.0	10.0	19.0	100	70 - 130	W239327	08-Oct-12	
EPA 200.7	Sodium	mg/L	29.2	10.5	19.0	98.4	70 - 130	W239327	08-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0930	0.0659	0.0250	108	70 - 130	W240078	09-Oct-12	
EPA 200.8	Arsenic	mg/L	0.184	0.156	0.0250	110	70 - 130	W240078	09-Oct-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.4	<1.00	50.0	102	75 - 125	W240325	05-Oct-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	6.33	3.03	3.00	110	90 - 110	W240377	05-Oct-12	
EPA 300.0	Chloride	mg/L	7.37	4.18	3.00	106	90 - 110	W240377	05-Oct-12	
EPA 300.0	Bromide	mg/L	4.48	<0.10	4.00	111	90 - 110	W240377	05-Oct-12	M1
EPA 300.0	Bromide	mg/L	4.34	<0.10	4.00	107	90 - 110	W240377	05-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	20.5	9.27	10.0	112	90 - 110	W240377	05-Oct-12	M1
EPA 300.0	Sulfate as SO4	mg/L	15.5	4.52	10.0	110	90 - 110	W240377	05-Oct-12	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.2	51.4	50.0	0.3	20	W240325	05-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W210699**
Reported: 10-Oct-12 09:14

Notes and Definitions

M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

W2T0699

Page 1 of 1

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FOR SVL USE ONLY
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TEMP ON RECEIPT: 5°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State: ID** **USACE? No**

	Sample ID	Collection: Date	Collection: Time	Collection: Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	Preservative(s): HNO3 Filtered	Preservative(s): HNO3 Unfiltered	Preservative(s): HCl	Preservative(s): H2SO4	Preservative(s): NaOH	Preservative(s): Other (Specify)	Analyses Required: Ca, Na, Mg, K	Analyses Required: HCO3, Cl, SO4	Analyses Required: Br, As	Analyses Required: Total Organic Crabon	Comments: Standard TAT
1.	RAES	09/27/12	9:40	GS	2	4	1		1		2			x	x	x	x	
2.	DIBE	09/27/12	13:20	GS	2	4	1		1		2			x	x	x	x	
3.	ALPWS	09/27/12	14:20	GS	2	4	1		1		2			x	x	x	x	
4.		09/27/12		GS	2	4	1		1		2			x	x	x	x	
5.		09/27/12		GS	2	4	1		1		2			x	x	x	x	
6.		09/27/12		GS	2	4	1		1		2			x	x	x	x	
7.		09/27/12		GS	2	4	1		1		2			x	x	x	x	
8.		09/27/12		GS	2	4	1		1		2			x	x	x	x	
9.		09/27/12		GS	2	4	1		1		2			x	x	x	x	
10.		09/27/12		GS	2	4	1		1		2			x	x	x	x	

Relinquished by: Gary Stevens	Date: 9/27/2012	Time: 15:50	Received by:	Date: 09/27/12	Time: 1550
Relinquished by:	Date: 09/28/12	Time: 7:52	Received by:	Date: 9/28/12	Time: 9:20

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 9/27/12 By: Johann

SVL Work No: W2I0699 DW RPG WJ

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				JDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				09/27/12 @ 1550
3	Received by	✓				Johann
4	Temperature blank or cooler temperature	✓				Temp. 5 °C.
5	Were the sample(s) received on ice	✓				
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				HNO_3 pres by client H_2SO_4 VOAs pre-pres. used by client.
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				~~Cat~~: Ca, Mg, Na, K, As, HCO_3 Cl, SO_4, Br TOC
18	Shipper's air bill				✓	

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Maitland
Koot Co Board of ~~Commiss~~ Commissioners

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0718**
Reported: 11-Oct-12 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
HWY54	W2I0718-01	Ground Water	28-Sep-12 09:15	GS	28-Sep-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0718**
Reported: 11-Oct-12 11:23

Client Sample ID: **HWY54**
SVL Sample ID: **W2I0718-01 (Ground Water)**

Sampled: 28-Sep-12 09:15
Received: 28-Sep-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.4	mg/L	0.040	0.006		W239325	TJK	10/10/12 15:16	
EPA 200.7	**Magnesium**	12.6	mg/L	0.060	0.011		W239325	TJK	10/10/12 15:16	
EPA 200.7	**Potassium**	1.41	mg/L	0.50	0.08		W239325	TJK	10/10/12 15:16	
EPA 200.7	**Sodium**	2.87	mg/L	0.50	0.06		W239325	TJK	10/10/12 15:16	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240078	KWH	10/09/12 10:42	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	140	mg/L	1.0			W240108	DKS	10/03/12 11:16	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240108	DKS	10/03/12 11:16	
SM 2320B/2310B	**Total Alkalinity**	140	mg/L	1.0			W240108	DKS	10/03/12 11:16	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 13:02	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W241067	AEW	10/08/12 15:30	
EPA 300.0	**Chloride**	1.28	mg/L	0.20	0.03		W241067	AEW	10/08/12 15:30	
EPA 300.0	**Sulfate as SO4**	12.4	mg/L	0.30	0.05		W241067	AEW	10/08/12 15:30	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0718**
Reported: 11-Oct-12 11:23

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W239325	10-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W239325	10-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W239325	10-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W239325	10-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W240078	09-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W240108	03-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W240108	03-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W240108	03-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240325	05-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W241067	08-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.6	20.0	98.0	85 - 115	W239325	10-Oct-12	
EPA 200.7	Magnesium	mg/L	19.4	20.0	96.9	85 - 115	W239325	10-Oct-12	
EPA 200.7	Potassium	mg/L	19.7	20.0	98.3	85 - 115	W239325	10-Oct-12	
EPA 200.7	Sodium	mg/L	18.1	19.0	95.1	85 - 115	W239325	10-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0248	0.0250	99.3	85 - 115	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	103	97.2	106	90 - 110	W240108	03-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	32.9	34.3	95.9	80 - 120	W240325	05-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.90	3.00	96.8	90 - 110	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	3.94	4.00	98.4	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W241067	08-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	3.79	3.88	2.4	20	W239325	10-Oct-12	
EPA 200.7	Magnesium	mg/L	0.171	0.176	2.5	20	W239325	10-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	<0.50	<RL	20	W239325	10-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	<0.50	<RL	20	W239325	10-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0691	0.0659	4.7	20	W240078	09-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	192	186	2.7	20	W240108	03-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	192	186	2.7	20	W240108	03-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W240108	03-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0718**
Reported: 11-Oct-12 11:23

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	1.28	1.28	0.2	20	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	0.26	<0.10	<RL	20	W241067	08-Oct-12	R1
EPA 300.0	Sulfate as SO4	mg/L	12.4	12.4	0.2	20	W241067	08-Oct-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	23.5	3.88	20.0	98.1	70 - 130	W239325	10-Oct-12	
EPA 200.7	Calcium	mg/L	36.1	16.5	20.0	98.2	70 - 130	W239325	10-Oct-12	
EPA 200.7	Magnesium	mg/L	19.0	0.176	20.0	94.1	70 - 130	W239325	10-Oct-12	
EPA 200.7	Magnesium	mg/L	18.9	0.112	20.0	94.0	70 - 130	W239325	10-Oct-12	
EPA 200.7	Potassium	mg/L	19.1	<0.50	20.0	93.2	70 - 130	W239325	10-Oct-12	
EPA 200.7	Potassium	mg/L	19.1	<0.50	20.0	93.2	70 - 130	W239325	10-Oct-12	
EPA 200.7	Sodium	mg/L	17.3	<0.50	19.0	90.7	70 - 130	W239325	10-Oct-12	
EPA 200.7	Sodium	mg/L	17.3	<0.50	19.0	90.8	70 - 130	W239325	10-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0930	0.0659	0.0250	108	70 - 130	W240078	09-Oct-12	
EPA 200.8	Arsenic	mg/L	0.184	0.156	0.0250	110	70 - 130	W240078	09-Oct-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.4	<1.00	50.0	102	75 - 125	W240325	05-Oct-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.34	1.28	3.00	102	90 - 110	W241067	08-Oct-12	
EPA 300.0	Chloride	mg/L	5.03	1.86	3.00	106	90 - 110	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	4.25	<0.10	4.00	105	90 - 110	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	4.33	<0.10	4.00	107	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	23.3	12.4	10.0	109	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	16.3	5.24	10.0	110	90 - 110	W241067	08-Oct-12	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.2	51.4	50.0	0.3	20	W240325	05-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2I0718**
Reported: 11-Oct-12 11:23

Notes and Definitions

R1	RPD exceeded the method acceptance limit.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

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Page 1 of 1

FOR SVL USE ONLY
SVL JOB # W2I0718
TEMP ON RECEIPT: 6 °C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collection: Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	Preservative(s): HNO3 Filtered	Preservative(s): HNO3 Unfiltered	Preservative(s): HCl	Preservative(s): H2SO4	Preservative(s): NaOH	Preservative(s): Other (Specify)	Analyses Required: Ca, Na, Mg, K	Analyses Required: HCO3, Cl, SO4	Analyses Required: Br, As	Analyses Required: Total Organic Crabon	Analyses Required	Analyses Required	Analyses Required	Analyses Required	Comments: Standard TAT
1.	HWY54	09/28/12	9:15	GS	2	4	1		1		2			x	x	x	x					
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

Relinquished by: Gary Stevens	Date: 9/28/2012	Time: 1105	Received by:	Date: 09/27/12	Time: ~~11~~ 1105
Relinquished by:	Date: 10/01/12	Time: 0945	Received by:	Date: 10/1/12	Time: 10:00

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following Items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 09/28/12 By: Yohan

SVL Work No: W2I0718 SW

Item	Description	V	VC	NV	NA	Comments RPA GWL
1	Client or project name	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				09/28/12 1105
3	Received by	✓				Yohan
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				HNO_3 pres by client client used pre-pres H_2SO_4 VOAs
12	Did an SVL employee preserve sample(s) upon receipt	✓				
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Klg: Ca Na, Mg, K, As, HCO_3 Cl, SO_4, Br TOC
18	Shipper's air bill				✓	

I- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Maitland. Foot.Co Board Commissioners

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
LCDA	W2J0017-01	Ground Water	01-Oct-12 09:40	GS	01-Oct-2012
LPDO	W2J0017-02	Ground Water	01-Oct-12 11:35	GS	01-Oct-2012
LHAY	W2J0017-03	Ground Water	01-Oct-12 10:25	GS	01-Oct-2012
LSPRT	W2J0017-04	Ground Water	01-Oct-12 12:30	GS	01-Oct-2012
LTWN	W2J0017-05	Ground Water	01-Oct-12 13:15	GS	01-Oct-2012
LHSR	W2J0017-06	Ground Water	01-Oct-12 13:47	GS	01-Oct-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

(Q6) SVL received the following containers outside of published EPA guidelines for preservation temperatures (0-6°C).
The guidelines do not pertain to nitric-preserved metals.

Default Cooler (Received Temperature: 7.0°C)

Labnumber	Container	Client ID	Labnumber	Container	Client ID
W2J0017-01 A	Raw HDPE	LCDA	W2J0017-01 B	Nitric HDPE	LCDA
W2J0017-02 A	Raw HDPE	LPDO	W2J0017-02 B	Nitric HDPE	LPDO
W2J0017-03 A	Raw HDPE	LHAY	W2J0017-03 B	Nitric HDPE	LHAY
W2J0017-04 A	Raw HDPE	LSPRT	W2J0017-04 B	Nitric HDPE	LSPRT
W2J0017-05 A	Raw HDPE	LTWN	W2J0017-05 B	Nitric HDPE	LTWN
W2J0017-06 A	Raw HDPE	LHSR	W2J0017-06 B	Nitric HDPE	LHSR

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Client Sample ID: **LCDA**
SVL Sample ID: **W2J0017-01 (Ground Water)**

Sampled: 01-Oct-12 09:40
Received: 01-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	4.79	mg/L	0.040	0.006		W240154	TJK	10/10/12 11:36	
EPA 200.7	**Magnesium**	1.47	mg/L	0.060	0.011		W240154	TJK	10/10/12 11:36	
EPA 200.7	**Potassium**	0.76	mg/L	0.50	0.08		W240154	TJK	10/10/12 11:36	
EPA 200.7	**Sodium**	1.60	mg/L	0.50	0.06		W240154	TJK	10/10/12 11:36	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	20.7	mg/L	1.0			W240358	DKS	10/05/12 12:44	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 12:44	
SM 2320B/2310B	**Total Alkalinity**	20.7	mg/L	1.0			W240358	DKS	10/05/12 12:44	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	0.73	mg/L	0.20	0.03		W241067	AEW	10/08/12 20:08	
EPA 300.0	**Sulfate as SO4**	3.22	mg/L	0.30	0.05		W241067	AEW	10/08/12 20:08	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Client Sample ID: **LPDO**
SVL Sample ID: **W2J0017-02 (Ground Water)**

Sampled: 01-Oct-12 11:35
Received: 01-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	20.9	mg/L	0.040	0.006		W240154	TJK	10/10/12 11:47	
EPA 200.7	**Magnesium**	6.03	mg/L	0.060	0.011		W240154	TJK	10/10/12 11:47	
EPA 200.7	**Potassium**	0.81	mg/L	0.50	0.08		W240154	TJK	10/10/12 11:47	
EPA 200.7	**Sodium**	2.27	mg/L	0.50	0.06		W240154	TJK	10/10/12 11:47	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	81.8	mg/L	1.0			W240358	DKS	10/05/12 12:47	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 12:47	
SM 2320B/2310B	**Total Alkalinity**	82.3	mg/L	1.0			W240358	DKS	10/05/12 12:47	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.01	mg/L	0.20	0.03		W241067	AEW	10/08/12 20:19	
EPA 300.0	**Sulfate as SO4**	4.73	mg/L	0.30	0.05		W241067	AEW	10/08/12 20:19	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Client Sample ID: **LHAY**
SVL Sample ID: **W2J0017-03 (Ground Water)**

Sampled: 01-Oct-12 10:25
Received: 01-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	6.28	mg/L	0.040	0.006		W240154	TJK	10/10/12 11:51	
EPA 200.7	**Magnesium**	1.98	mg/L	0.060	0.011		W240154	TJK	10/10/12 11:51	
EPA 200.7	**Potassium**	0.98	mg/L	0.50	0.08		W240154	TJK	10/10/12 11:51	
EPA 200.7	**Sodium**	1.98	mg/L	0.50	0.06		W240154	TJK	10/10/12 11:51	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	28.5	mg/L	1.0			W240358	DKS	10/05/12 12:52	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 12:52	
SM 2320B/2310B	**Total Alkalinity**	28.5	mg/L	1.0			W240358	DKS	10/05/12 12:52	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.08	mg/L	0.20	0.03		W241067	AEW	10/08/12 20:29	
EPA 300.0	**Sulfate as SO4**	1.64	mg/L	0.30	0.05		W241067	AEW	10/08/12 20:29	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Client Sample ID: **LSPRT**
SVL Sample ID: **W2J0017-04 (Ground Water)**

Sampled: 01-Oct-12 12:30
Received: 01-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	1.72	mg/L	0.040	0.006		W240154	TJK	10/10/12 11:54	
EPA 200.7	**Magnesium**	0.395	mg/L	0.060	0.011		W240154	TJK	10/10/12 11:54	
EPA 200.7	**Potassium**	0.73	mg/L	0.50	0.08		W240154	TJK	10/10/12 11:54	
EPA 200.7	**Sodium**	2.25	mg/L	0.50	0.06		W240154	TJK	10/10/12 11:54	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	9.4	mg/L	1.0			W240358	DKS	10/05/12 13:00	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 13:00	
SM 2320B/2310B	**Total Alkalinity**	9.4	mg/L	1.0			W240358	DKS	10/05/12 13:00	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	0.45	mg/L	0.20	0.03		W241067	AEW	10/08/12 20:40	
EPA 300.0	**Sulfate as SO4**	1.00	mg/L	0.30	0.05		W241067	AEW	10/08/12 20:40	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Client Sample ID: **LTWN**
SVL Sample ID: **W2J0017-05 (Ground Water)**

Sampled: 01-Oct-12 13:15
Received: 01-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	1.88	mg/L	0.040	0.006		W240154	TJK	10/10/12 11:58	
EPA 200.7	**Magnesium**	0.400	mg/L	0.060	0.011		W240154	TJK	10/10/12 11:58	
EPA 200.7	**Potassium**	0.78	mg/L	0.50	0.08		W240154	TJK	10/10/12 11:58	
EPA 200.7	**Sodium**	2.27	mg/L	0.50	0.06		W240154	TJK	10/10/12 11:58	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	10.4	mg/L	1.0			W240358	DKS	10/05/12 13:07	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 13:07	
SM 2320B/2310B	**Total Alkalinity**	10.4	mg/L	1.0			W240358	DKS	10/05/12 13:07	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	0.52	mg/L	0.20	0.03		W241067	AEW	10/08/12 20:50	
EPA 300.0	**Sulfate as SO4**	0.59	mg/L	0.30	0.05		W241067	AEW	10/08/12 20:50	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Client Sample ID: **LHSR**
SVL Sample ID: **W2J0017-06 (Ground Water)**

Sampled: 01-Oct-12 13:47
Received: 01-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	4.40	mg/L	0.040	0.006		W240154	TJK	10/10/12 12:02	
EPA 200.7	**Magnesium**	0.985	mg/L	0.060	0.011		W240154	TJK	10/10/12 12:02	
EPA 200.7	**Potassium**	1.13	mg/L	0.50	0.08		W240154	TJK	10/10/12 12:02	
EPA 200.7	**Sodium**	3.69	mg/L	0.50	0.06		W240154	TJK	10/10/12 12:02	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	22.4	mg/L	1.0			W240358	DKS	10/05/12 13:14	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 13:14	
SM 2320B/2310B	**Total Alkalinity**	22.4	mg/L	1.0			W240358	DKS	10/05/12 13:14	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.56	mg/L	0.20	0.03		W241067	AEW	10/08/12 21:22	
EPA 300.0	**Sulfate as SO4**	1.27	mg/L	0.30	0.05		W241067	AEW	10/08/12 21:22	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W240154	10-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W240154	10-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W240154	10-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W240154	10-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W240358	05-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W240358	05-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W240358	05-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W241067	08-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	18.4	20.0	92.0	85 - 115	W240154	10-Oct-12	
EPA 200.7	Magnesium	mg/L	20.1	20.0	101	85 - 115	W240154	10-Oct-12	
EPA 200.7	Potassium	mg/L	20.2	20.0	101	85 - 115	W240154	10-Oct-12	
EPA 200.7	Sodium	mg/L	18.2	19.0	95.9	85 - 115	W240154	10-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	101	97.2	104	90 - 110	W240358	05-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.90	3.00	96.8	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W241067	08-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	4.76	4.79	0.8	20	W240154	10-Oct-12	
EPA 200.7	Magnesium	mg/L	1.46	1.47	0.9	20	W240154	10-Oct-12	
EPA 200.7	Potassium	mg/L	0.77	0.76	1.1	20	W240154	10-Oct-12	
EPA 200.7	Sodium	mg/L	1.59	1.60	0.8	20	W240154	10-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	20.6	20.7	0.2	20	W240358	05-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	20.6	20.7	0.2	20	W240358	05-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W240358	05-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	1.28	1.28	0.2	20	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	12.4	12.4	0.2	20	W241067	08-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0017**
Reported: 10-Oct-12 14:57

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	23.1	4.79	20.0	91.5	70 - 130	W240154	10-Oct-12	
EPA 200.7	Calcium	mg/L	189	167	20.0	110	70 - 130	W240154	10-Oct-12	M3
EPA 200.7	Magnesium	mg/L	21.6	1.47	20.0	101	70 - 130	W240154	10-Oct-12	
EPA 200.7	Magnesium	mg/L	43.0	24.4	20.0	93.0	70 - 130	W240154	10-Oct-12	
EPA 200.7	Potassium	mg/L	20.9	0.76	20.0	100	70 - 130	W240154	10-Oct-12	
EPA 200.7	Potassium	mg/L	45.7	24.3	20.0	107	70 - 130	W240154	10-Oct-12	
EPA 200.7	Sodium	mg/L	19.6	1.60	19.0	94.8	70 - 130	W240154	10-Oct-12	
EPA 200.7	Sodium	mg/L	50.5	31.7	19.0	99.0	70 - 130	W240154	10-Oct-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.34	1.28	3.00	102	90 - 110	W241067	08-Oct-12	
EPA 300.0	Chloride	mg/L	5.03	1.86	3.00	106	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	23.3	12.4	10.0	109	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	16.3	5.24	10.0	110	90 - 110	W241067	08-Oct-12	

Notes and Definitions

M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

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Page 1 of 1

FOR SVL USE ONLY
SVL JOB # W230017
TEMP ON RECEIPT: 7°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection			Misc.		Preservative(s)							Analyses Required							Comments
		Date	Time	Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Ca, Na, Mg, K	HCO3, Cl, SO4						Standard TAT
1.	LCDA	10/01/12	9:40	GS	2	2	1		1					x	x						
2.	LPDO	10/01/12	10:35	GS	2	2	1		1					x	x						
3.	LHAY	10/01/12	10:25	GS	2	2	1		1					x	x						
4.	LSPRT	10/01/12	12:30	GS	2	2	1		1					x	x						
5.	LTWN	10/01/12	13:15	GS	2	2	1		1					x	x						
6.	LHSR	10/01/12	13:47	GS	2	2	1		1					x	x						
7.																					
8.																					
9.																					
10.																					

Relinquished by: Gary Stevens	Date: 10/01/2012	Time: 14:30	Received by:	Date: 10/1/12	Time: 1430
Relinquished by:	Date: 10/02/12	Time: 730	Received by:	Date: 10/2/12	Time: 730

10/2/12

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 10/01/12 **By:** Yohann

SVL Work No: W2J0017 ~~W2E~~ W2J0017 RP~~A~~6WI

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				DDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				10/01/12 @ 1430
3	Received by	✓				Yohann
4	Temperature blank or cooler temperature	✓				Temp. 7 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				client pres samples HNO_3
12	Did an SVL employee preserve sample(s) upon receipt	✓				
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Kellogg: Ca, Na, Mg, K, HCO_3 Cl, SO4
18	Shipper's air bill				✓	

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Maitland Koot-Co. Board of Commissioners

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
BTRE	W2J0050-01	Ground Water	02-Oct-12 08:30	GS	02-Oct-2012
HVWS	W2J0050-02	Ground Water	02-Oct-12 09:35	GS	02-Oct-2012
RATHG	W2J0050-03	Ground Water	02-Oct-12 10:15	GS	02-Oct-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

Client Sample ID: **BTRE**
SVL Sample ID: **W2J0050-01 (Ground Water)**

Sampled: 02-Oct-12 08:30
Received: 02-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	36.3	mg/L	0.040	0.006		W240256	AS	10/11/12 18:34	
EPA 200.7	**Magnesium**	11.9	mg/L	0.060	0.011		W240256	AS	10/11/12 18:34	
EPA 200.7	**Potassium**	1.81	mg/L	0.50	0.08		W240256	AS	10/11/12 18:34	
EPA 200.7	**Sodium**	2.64	mg/L	0.50	0.06		W240256	AS	10/11/12 18:34	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240275	KWH	10/17/12 07:28	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	141	mg/L	1.0			W240358	DKS	10/05/12 13:23	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 13:23	
SM 2320B/2310B	**Total Alkalinity**	141	mg/L	1.0			W240358	DKS	10/05/12 13:23	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 13:37	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W241067	AEW	10/08/12 21:32	
EPA 300.0	**Chloride**	1.86	mg/L	0.20	0.03		W241067	AEW	10/08/12 21:32	
EPA 300.0	**Sulfate as SO4**	5.24	mg/L	0.30	0.05		W241067	AEW	10/08/12 21:32	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

Client Sample ID: **HVWS**
SVL Sample ID: **W2J0050-02 (Ground Water)**

Sampled: 02-Oct-12 09:35
Received: 02-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	38.4	mg/L	0.040	0.006		W240256	AS	10/11/12 18:52	
EPA 200.7	**Magnesium**	21.7	mg/L	0.060	0.011		W240256	AS	10/11/12 18:52	
EPA 200.7	**Potassium**	2.02	mg/L	0.50	0.08		W240256	AS	10/11/12 18:52	
EPA 200.7	**Sodium**	2.57	mg/L	0.50	0.06		W240256	AS	10/11/12 18:52	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240275	KWH	10/17/12 07:33	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	164	mg/L	1.0			W240358	DKS	10/05/12 13:28	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 13:28	
SM 2320B/2310B	**Total Alkalinity**	164	mg/L	1.0			W240358	DKS	10/05/12 13:28	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 13:47	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W241067	AEW	10/08/12 21:53	
EPA 300.0	**Chloride**	1.60	mg/L	0.20	0.03		W241067	AEW	10/08/12 21:53	
EPA 300.0	**Sulfate as SO4**	20.8	mg/L	0.30	0.05		W241067	AEW	10/08/12 21:53	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

Client Sample ID: **RATHG**
SVL Sample ID: **W2J0050-03 (Ground Water)**

Sampled: 02-Oct-12 10:15
Received: 02-Oct-12
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	29.7	mg/L	0.040	0.006		W240256	AS	10/11/12 19:44	
EPA 200.7	**Magnesium**	7.21	mg/L	0.060	0.011		W240256	AS	10/11/12 19:44	
EPA 200.7	**Potassium**	1.50	mg/L	0.50	0.08		W240256	AS	10/11/12 19:44	
EPA 200.7	**Sodium**	4.05	mg/L	0.50	0.06		W240256	AS	10/11/12 19:44	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W240275	KWH	10/17/12 07:37	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	96.0	mg/L	1.0			W240358	DKS	10/05/12 13:34	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W240358	DKS	10/05/12 13:34	
SM 2320B/2310B	**Total Alkalinity**	96.0	mg/L	1.0			W240358	DKS	10/05/12 13:34	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.27		W240325	SM	10/05/12 14:03	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.02		W241067	AEW	10/08/12 22:04	
EPA 300.0	**Chloride**	7.41	mg/L	0.20	0.03		W241067	AEW	10/08/12 22:04	
EPA 300.0	**Sulfate as SO4**	4.74	mg/L	0.30	0.05		W241067	AEW	10/08/12 22:04	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Kirby Gray
Technical Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W240256	11-Oct-12	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W240256	11-Oct-12	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W240256	11-Oct-12	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W240256	11-Oct-12	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W240275	17-Oct-12	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W240358	05-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W240358	05-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W240358	05-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.27	1.00	W240325	05-Oct-12	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.03	0.20	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	<0.10	0.02	0.10	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.05	0.30	W241067	08-Oct-12	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	20.3	20.0	102	85 - 115	W240256	11-Oct-12	
EPA 200.7	Magnesium	mg/L	19.8	20.0	98.8	85 - 115	W240256	11-Oct-12	
EPA 200.7	Potassium	mg/L	19.3	20.0	96.3	85 - 115	W240256	11-Oct-12	
EPA 200.7	Sodium	mg/L	18.0	19.0	94.5	85 - 115	W240256	11-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0260	0.0250	104	85 - 115	W240275	17-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	101	97.2	104	90 - 110	W240358	05-Oct-12	
SM 5310B	Total Organic Carbon	mg/L	32.9	34.3	95.9	80 - 120	W240325	05-Oct-12	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.90	3.00	96.8	90 - 110	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	3.94	4.00	98.4	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	10.1	10.0	101	90 - 110	W241067	08-Oct-12	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	36.9	36.3	1.8	20	W240256	11-Oct-12	
EPA 200.7	Magnesium	mg/L	12.0	11.9	1.2	20	W240256	11-Oct-12	
EPA 200.7	Potassium	mg/L	1.83	1.81	1.3	20	W240256	11-Oct-12	
EPA 200.7	Sodium	mg/L	2.64	2.64	0.1	20	W240256	11-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0209	0.0210	0.5	20	W240275	17-Oct-12	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	20.6	20.7	0.2	20	W240358	05-Oct-12	
SM 2320B/2310B	Bicarbonate	mg/L	20.6	20.7	0.2	20	W240358	05-Oct-12	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W240358	05-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	1.28	1.28	0.2	20	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	0.26	<0.10	<RL	20	W241067	08-Oct-12	R1
EPA 300.0	Sulfate as SO4	mg/L	12.4	12.4	0.2	20	W241067	08-Oct-12	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	57.4	36.3	20.0	105	70 - 130	W240256	11-Oct-12	
EPA 200.7	Magnesium	mg/L	32.3	11.9	20.0	102	70 - 130	W240256	11-Oct-12	
EPA 200.7	Potassium	mg/L	21.5	1.81	20.0	98.3	70 - 130	W240256	11-Oct-12	
EPA 200.7	Sodium	mg/L	20.9	2.64	19.0	96.2	70 - 130	W240256	11-Oct-12	
EPA 200.8	Arsenic	mg/L	0.0455	0.0210	0.0250	98.1	70 - 130	W240275	17-Oct-12	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.4	<1.00	50.0	102	75 - 125	W240325	05-Oct-12	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.34	1.28	3.00	102	90 - 110	W241067	08-Oct-12	
EPA 300.0	Chloride	mg/L	5.03	1.86	3.00	106	90 - 110	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	4.25	<0.10	4.00	105	90 - 110	W241067	08-Oct-12	
EPA 300.0	Bromide	mg/L	4.33	<0.10	4.00	107	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	23.3	12.4	10.0	109	90 - 110	W241067	08-Oct-12	
EPA 300.0	Sulfate as SO4	mg/L	16.3	5.24	10.0	110	90 - 110	W241067	08-Oct-12	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.2	51.4	50.0	0.3	20	W240325	05-Oct-12	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W2J0050**
Reported: 17-Oct-12 15:01

Notes and Definitions

R1	RPD exceeded the method acceptance limit.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY
SVL JOB # W2J0050
TEMP ON RECEIPT: 5°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#: ~~RPGW~~ RPA6WL
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collection: Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	Preservative(s): HNO3 Filtered	Preservative(s): HNO3 Unfiltered	Preservative(s): HCl	Preservative(s): H2SO4	Preservative(s): NaOH	Preservative(s): Other (Specify)	Analyses Required: Ca, Na, Mg, K	Analyses Required: HCO3, Cl, SO4	Analyses Required: Br, As	Analyses Required: Total Organic Crabon	Comments: Standard TAT
1.	BTRE	10/02/12	8:30	GS	2	4	1		1		2			x	x	x	x	
2.	HVWS	10/02/12	9:35	GS	2	4	1		1		2			x	x	x	x	
3.	RATHG	10/02/12	10:15	GS	2	4	1		1		2			x	x	x	x	
4.		~~10/02/12~~		GS	2	4	1		1		2			x	x	x	~~x~~	
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

Relinquished by: Gary Stevens	Date: 10/02/2012	Time: 12:30	Received by:
Relinquished by:	Date: 10/03/12	Time: 8:12	Received by:

Date: 10/02/2012 Time: 1230
Date: 10-3-12 Time: 8:12
10-3-12 9:30

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 10/02/12 By: Graham

SVL Work No: W2J0050 GW as DW

Item	Description	V	VC	NV	NA	Comments RPA GWI
1	Client or project name	✓				IDEQ CDA Gary Stevens.
2	Date and time of receipt at lab	✓				10/02/12 @ 1230
3	Received by	✓				Graham
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				samples HNO3 pres by client. H2SO4 pres VOA's used by client for TOC
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)				✓	
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				ELG: Ca, Na, Mg, K, As HCO3, Cl, SO4 Br TOC 3 samples
18	Shipper's air bill				✓	

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Maitland Kootenai Co. Board of Commissioners

Anatek Labs, Inc.

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120925079
Project Name: AQUIFER MONITORING 9/24/12

Analytical Results Report

Sample Number 120925079-007 **Sampling Date** 9/24/2012 **Date/Time Received** 9/24/2012 4:56 PM
Client Sample ID 112 (EGA#1) **Sampling Time** 12:40 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00426	mg/L	0.001	10/3/2012	ETL	EPA 200.8	
Chloride	3.51	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	35.9	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	163	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	17.8	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	1.77	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	13.2	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Sample Number 120925079-008 **Sampling Date** 9/24/2012 **Date/Time Received** 9/24/2012 4:56 PM
Client Sample ID 132 (HLWA#1) **Sampling Time** 2:15 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00125	mg/L	0.001	10/3/2012	ETL	EPA 200.8	
Chloride	5.24	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	56.8	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	180	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	9.28	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	1.05	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	4.66	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

Anatek Labs, Inc.

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120925079
Project Name: AQUIFER MONITORING 9/24/12

Analytical Results Report

Sample Number 120925079-009
Client Sample ID 131 (SL#4)
Matrix Drinking Water
Comments

Sampling Date 9/24/2012
Sampling Time 3:25 PM
Sample Location

Date/Time Received 9/24/2012 4:56 PM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00168	mg/L	0.001	10/3/2012	ETL	EPA 200.8	
Chloride	1.06	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	17.9	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	62.7	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	4.35	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.280	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	4.34	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

Anatek Labs, Inc.

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120926071
Project Name: AQUIFER MONITORING
SEP 25, 12

Analytical Results Report

Sample Number 120926071-002 **Sampling Date** 9/25/2012 **Date/Time Received** 9/25/2012 4:52 PM
Client Sample ID 99 (C4SW) **Sampling Time** 7:45 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00243	mg/L	0.001	10/4/2012	ETL	EPA 200.8	
Chloride	7.01	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	28.3	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	125	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	13.2	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.923	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	7.32	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Sample Number 120926071-003 **Sampling Date** 9/25/2012 **Date/Time Received** 9/25/2012 4:52 PM
Client Sample ID 130 (CHOW) **Sampling Time** 8:30 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00281	mg/L	0.001	10/4/2012	ETL	EPA 200.8	
Chloride	4.806	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	29.7	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	137	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	15.2	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	0.0636	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.794	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	8.69	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120926071
Project Name: AQUIFER MONITORING
SEP 25, 12

Analytical Results Report

Sample Number 120926071-006 **Sampling Date** 9/25/2012 **Date/Time Received** 9/25/2012 4:52 PM
Client Sample ID 117 (USFS Nur) **Sampling Time** 11:10 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	ND	mg/L	0.001	10/4/2012	ETL	EPA 200.8	
Chloride	7.08	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	31.4	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	107	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	6.84	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.497	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	5.99	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Sample Number 120926071-007 **Sampling Date** 9/25/2012 **Date/Time Received** 9/25/2012 4:52 PM
Client Sample ID 125 (LAAW) **Sampling Time** 11:40 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00130	mg/L	0.001	10/4/2012	ETL	EPA 200.8	
Chloride	3.03	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	28.1	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	108	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	9.27	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.532	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	4.14	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120926071
Project Name: AQUIFER MONITORING
SEP 25, 12

Analytical Results Report

Sample Number 120926071-009 **Sampling Date** 9/25/2012 **Date/Time Received** 9/25/2012 4:52 PM
Client Sample ID 119 (ATH2) **Sampling Time** 1:50 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00261	mg/L	0.001	10/4/2012	ETL	EPA 200.8	
Chloride	3.49	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Calcium	32.9	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	143	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	14.7	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.941	mg/L	0.1	9/26/2012	JTT	EPA 300.0	
Sulfate	13.6	mg/L	0.1	9/26/2012	JTT	EPA 300.0	

Sample Number 120926071-010 **Sampling Date** 9/25/2012 **Date/Time Received** 9/25/2012 4:52 PM
Client Sample ID 118 (FSP3) **Sampling Time** 3:20 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00288	mg/L	0.001	10/4/2012	ETL	EPA 200.8	
Chloride	1.29	mg/L	0.1	9/27/2012	JTT	EPA 300.0	
Calcium	30.6	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Hardness	134	mg/L	1	10/4/2012	ETL	EPA 200.7	
Magnesium	14.0	mg/L	0.1	10/4/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/4/2012	ETL	EPA 200.7	
NO3/N	0.139	mg/L	0.1	9/27/2012	JTT	EPA 300.0	
Sulfate	12.3	mg/L	0.1	9/27/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 120927040
Project Name: AQUIFER MONITORING
SEP 26, 12

Analytical Results Report

Sample Number 120927040-001 **Sampling Date** 9/26/2012 **Date/Time Received** 9/26/2012 3:55 PM
Client Sample ID 113 (MVT#1) **Sampling Time** 9:20 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00676	mg/L	0.001	10/8/2012	JTT	EPA 200.8	
Chloride	3.99	mg/L	0.1	9/27/2012	JTT	EPA 300.0	
Calcium	31.5	mg/L	0.1	10/8/2012	ETL	EPA 200.7	
Hardness	140	mg/L	1	10/8/2012	ETL	EPA 200.7	
Magnesium	14.8	mg/L	0.1	10/8/2012	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	10/8/2012	ETL	EPA 200.7	
NO3/N	1.60	mg/L	0.1	9/27/2012	JTT	EPA 300.0	
Sulfate	9.69	mg/L	0.1	9/27/2012	JTT	EPA 300.0	

Sample Number 120927040-004 **Sampling Date** 9/26/2012 **Date/Time Received** 9/26/2012 3:55 PM
Client Sample ID 109 (HAY#2) **Sampling Time** 8:20 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	ND	mg/L	0.001	10/8/2012	JTT	EPA 200.8	
Chloride	1.23	mg/L	0.1	9/27/2012	JTT	EPA 300.0	
Calcium	17.7	mg/L	0.1	10/8/2012	ETL	EPA 200.7	
Hardness	56.6	mg/L	1	10/8/2012	ETL	EPA 200.7	
Magnesium	3.00	mg/L	0.1	10/8/2012	ETL	EPA 200.7	
Iron	0.0141	mg/L	0.01	10/8/2012	ETL	EPA 200.7	
NO3/N	ND	mg/L	0.1	9/27/2012	JTT	EPA 300.0	
Sulfate	1.81	mg/L	0.1	9/27/2012	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

Idaho Stable Isotopes Laboratory
University of Idaho

Method for H and O isotopic analysis of water:

Instrumentation:
Samples in 2 mL vials are loaded into a GC-PAL autosampler connected to a Picarro Model L1102-i Cavity Ringdown Spectrometer. Each sample is analyzed six times to eliminate memory effects. The value of the sixth analysis is reported.

Oxygen Standards:
Three or more replicates of two internal standards are used to bracket the samples and provide a two-point normalization of the data. All standards have been calibrated to 3 IAEA international reference standards:

VSMOW2*	0 ‰
SLAP2*	-55.5 ‰
GISP	-24.78 ‰

Hydrogen Standards:
Three or more replicates of two internal standards are used to bracket the samples and provide a two-point normalization of the data. All standards have been calibrated to 3 IAEA international reference standards:

VSMOW2*	0 ‰
SLAP2*	-428 ‰
GISP	-189.73 ‰

**All of our water standards have been calibrated using reference materials VSMOW2 and SLAP2 which were produced to replace the exhausted reference materials, VSMOW and SLAP. However, all isotopic data are still reported on the VSMOW/ SLAP scale.*

Quality control standards:
At least three replicates of a known QC standard are run blindly with the samples to test the normalization of your data. The normalized values and true values for these QC standards are provided in the attached excel spreadsheet.

PO Box 441133 Moscow, ID 83844-1133 Phone 208-885-6512 Fax 208-885-6564
Contact: Margaret Keefe mward@uidaho.edu

Quality Control Data

$\delta^{18}O$ standards	$\delta^{18}O_{VSMOW}$ (‰)	SD $\delta^{18}O_{VSMOW}$ (‰)	N
CAS	-7.69	0.10	4
EAG	-30.66	0.05	4
normalization equation:	***1.01x+12.52***		

$\delta^{2}H$ standards	$\delta^{2}H_{VSMOW}$ (‰)	SD $\delta^{2}H_{VSMOW}$ (‰)	N
CAS	-63.03	0.56	4
EAG	-253.05	0.47	4
normalization equation:	***0.97x+283.75***		

QC CHECK **: DDI water was used as a check of the normalization:**

DDI	$\delta^{18}O_{VSMOW}$	$\delta^{2}H_{VSMOW}$
Observed	-14.77	-124.57
TRUE	*-14.67*	*-122.65*
Δ	-0.10	-1.92
Observed	-14.66	-124.66
TRUE	*-14.67*	*-122.65*
Δ	0.01	-2.01
Observed	-14.74	-123.59
TRUE	*-14.67*	*-122.65*
Δ	-0.07	-0.94
Observed	-14.96	-123.14
TRUE	*-14.67*	*-122.65*
Δ	-0.29	-0.49

Idaho Stable Isotopes Laboratory
College of Natural Resources

University of Idaho
A LEGACY OF LEADING

Client: Gary Stevens
Project: Rathdrum Prairie Ground Water Investigation
Date: 10/8/2012

delta values were calculated with a two-point normalization using CAS and EAG waters.

SampleID	$\delta^{18}O_{VSMOW}$	$\delta^{2}H_{VSMOW}$
ALPWS	-15.10	-112.64
ATH2	-15.98	-121.64
BTRE	-14.92	-109.78
C4SW	-14.65	-110.84
CHOW	-14.66	-111.18
CHSA	-15.23	-113.12
CLAW	-13.88	-106.78
DIBE	-15.45	-114.07
Duplicate #1	-13.87	-108.11
Duplicate #2	-14.71	-112.14
EASA	-13.98	-106.96
EGA#1	-14.45	-110.38
EGA#2	-14.63	-110.26
FSP3	-15.68	-120.75
HAY#2	-12.09	-96.81
HLW#1	-13.99	-109.15
HVWS	-15.37	-114.99
HWY54	-16.08	-121.24
LAAW	-12.00	-96.39
LCDA	-14.71	-109.67
LHAY	-11.67	-95.12
LHSR	-12.35	-98.65
LPDO	-16.16	-122.71
LSPRT	-13.26	-102.70
LTWN	-12.73	-101.12
MDLA	-14.91	-114.30
MVT#1	-14.62	-111.02
OHMA	-14.80	-111.68
PF#6	-14.63	-111.22
PF#9	-14.70	-111.89
PFSP	-14.58	-110.95
RAES	-15.18	-112.33
RATHG	-13.77	-107.20
SL#4	-13.89	-105.65
TLWS	-14.21	-108.85
USFS Nur	-14.69	-110.76

University of Utah
CFC Analytical Results
September 2012 Results

Enter sample IDs and CFC concentrations on the Data&Results worksheet
For each sample, enter the salinity of the water (at the time of recharge), the recharge temperature, and the recharge elevation.
Make sure the atmospheric mixing ratios (i.e. the fractions of CFCs in dry air) are appropriate for the study area. The default values are for North America
If the default mixing ratios are not appropriate for your area, enter appropriate values on the AtmMixingRatios worksheet

The program will calculate the concentration of CFCs in air that would be in equilibrium with the sample at the temperature and elevation given.
The program then compares the equivalent air concentration with the atmospheric mixing ratios to estimate the recharge year.

Note: The atmospheric mixing ratio for CFC-11 began declining in 1994. As of 2001 it had dropped to about the same value it was in 1989.
Thus, the CFC-11 dates are not unique for the period 1989 to 2001 (as of 2001). In other words, there are two possible years that
correspond to the same concentration. When this occurs, this program will return the oldest of the two possible dates.
The same issue exists for CFC-113 starting in 1991.

SAMPLE ID	CFC-11 (pmoles/kg)	CFC-12 (pmoles/kg)	CFC-113 (pmoles/kg)	Salinity (‰)	Recharge Elev. (m)	Recharge Temp (C)	Comments	Pwater	Elev. correction	KRT_11	KRT_12	KRT_113	eq. air conc_11 (ppt)	eq. air conc_12 (ppt)	eq. air conc_113 (ppt)	CFC-11 Rech. year	CFC-12 Rech. year	CFC-113 Rech. year
ALPWS(1)	11.5520379	4.44172406	0.40555937	0	630	9		0.0113	0.916213	0.0223	0.0058	0.00694	564.55	841.29	63.81582	Contaminated	Contaminated	1988
ALPWS(2)	11.7040506	4.37165357	0.36956932	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	576.18	834.09	58.57939	Contaminated	Contaminated	1987
ALPWS(3)	12.2735642	4.59221178	0.39060664	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	604.21	876.17	61.91396	Contaminated	Contaminated	1987.5
CLAW	11.5762119	3.69771891	5.5532688	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	569.88	705.51	880.233	Contaminated	Contaminated	Contaminated
CLAW	11.4583697	3.42552714	5.66220804	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	564.08	653.57	897.5006	Contaminated	Contaminated	Contaminated
CLAW	11.172982	3.30194827	5.49545537	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	550.03	630	871.0691	Contaminated	Contaminated	Contaminated
CLAW	11.5634232	3.71346657	5.62357319	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	569.26	708.51	891.3767	Contaminated	Contaminated	Contaminated
USFS NUR	26.7540901	74.9796313	0.71730344	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	1317.1	14306	113.6977	Contaminated	Contaminated	Contaminated
USFS NUR	26.627344	72.1956944	0.69330931	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	1310.8	13775	109.8945	Contaminated	Contaminated	Contaminated
USFS NUR	27.0298192	74.9256963	0.72294585	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	1330.6	14295	114.5921	Contaminated	Contaminated	Contaminated
PF#9	17.7933619	24.1652637	11.3064501	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	875.95	4610.6	1792.153	Contaminated	Contaminated	Contaminated
PF#9	18.6433994	24.0766638	11.061519	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	917.8	4593.7	1753.33	Contaminated	Contaminated	Contaminated
PF#9	17.3929859	22.7871214	10.8495119	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	856.24	4347.7	1719.725	Contaminated	Contaminated	Contaminated
EGA#2	4.79791731	2.76284513	0.39905672	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	236.2	527.14	63.25335	1987	1995.5	1988
EGA#2	4.72723334	2.62473408	0.39668113	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	232.72	500.79	62.87681	1986.5	1991.5	1988
EGA#2	4.78497578	2.65205333	0.38440322	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	235.56	506	60.93067	1987	1991.5	1987.5
EGA#1	18.4285556	16.9553139	20.5934249	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	907.22	3235	3264.206	Contaminated	Contaminated	Contaminated
EGA#1	18.4645022	17.1974906	21.0430964	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	908.99	3281.2	3335.482	Contaminated	Contaminated	Contaminated
EGA#1	18.4854676	16.9460337	20.6530822	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	910.02	3233.2	3273.662	Contaminated	Contaminated	Contaminated
SL#4	4.31226045	2.33300622	0.29176372	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	212.29	445.13	46.24664	1984.5	1987.5	1985.5
SL#4	4.34123018	2.39975089	0.27785933	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	213.71	457.86	44.0427	1985	1988	1985
SL#4	4.32831928	2.38039531	0.27792504	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	213.08	454.17	44.05311	1985	1988	1985
PF#6	6.29724074	2.83861452	0.32835662	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	310.01	541.59	52.04688	Contaminated	Contaminated	1986
PF#6	6.20569347	2.76465246	0.32983804	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	305.5	527.48	52.2817	Contaminated	1995.5	1986.5
PF#6	6.30346254	2.81375852	0.32619688	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	310.31	536.85	51.70455	Contaminated	2012	1986
C4SW	4.38745875	2.77183455	0.30331174	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	215.99	528.85	48.07709	1985	1996	1985.5
C4SW	4.32210247	2.68663539	0.29163409	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	212.77	512.6	46.2261	1985	1992	1985.5
C4SW	4.37909344	2.74340981	0.28745	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	215.58	523.43	45.56289	1985	1994	1985
MDLA	6.66516998	4.34533455	1.00409754	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	328.12	829.07	159.1567	Super-Saturated	Super-Saturated	Super-Saturated
MDLA	6.72948545	4.50261385	1.04899967	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	331.29	859.08	166.274	Super-Saturated	Super-Saturated	Super-Saturated
MDLA	6.7792952	4.40204587	1.0171964	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	333.74	839.89	161.2329	Super-Saturated	Super-Saturated	Super-Saturated
Hwy54	7.50629062	3.99372346	0.60542414	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	369.53	761.98	95.96407	Super-Saturated	Super-Saturated	Super-Saturated
Hwy54	7.20140188	3.89978961	0.60141945	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	354.52	744.06	95.3293	Super-Saturated	Super-Saturated	Super-Saturated
Hwy54	7.32385429	3.96440513	0.61254287	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	360.55	756.39	97.09244	Super-Saturated	Super-Saturated	Super-Saturated
BTRE	9.14483574	4.3127344	0.57998473	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	450.19	822.85	91.93174	Super-Saturated	Super-Saturated	Super-Saturated
BTRE	8.90698971	4.3986187	0.62050078	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	438.48	839.24	98.35383	Super-Saturated	Super-Saturated	Super-Saturated
BTRE	8.87049013	4.26902603	0.59166495	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	436.68	814.51	93.78314	Super-Saturated	Super-Saturated	Super-Saturated
RAES	10.2832068	4.86380099	0.51654555	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	506.23	927.99	81.87618	Super-Saturated	Super-Saturated	1991.5
RAES	9.94715509	4.57661072	0.54509767	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	489.69	873.2	86.40189	Super-Saturated	Super-Saturated	Super-Saturated
RAES	10.2289222	4.51600139	0.512837	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	503.56	861.63	81.28835	Super-Saturated	Super-Saturated	1991
ATH2	7.76963745	4.6893145	1.42311397	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	382.49	894.7	225.5738	Super-Saturated	Super-Saturated	Super-Saturated
ATH2	8.10399803	4.92237834	1.49052328	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	398.95	939.17	236.2586	Super-Saturated	Super-Saturated	Super-Saturated
ATH2	8.11083908	4.89359889	1.41807567	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	399.29	933.68	224.7752	Super-Saturated	Super-Saturated	Super-Saturated
Hay#2	5.81726025	2.80622113	0.35665853	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	286.38	535.41	56.53294	Super-Saturated	1998	1987
Hay#2	5.79807216	2.79292075	0.34688486	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	285.43	532.88	54.98374	Super-Saturated	1996.5	1986.5
Hay#2	5.79287628	2.81399775	0.35342619	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	285.18	536.9	56.02059	Super-Saturated	2012	1987
RATHG	7.70679238	3.14745198	0.36705595	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	379.4	600.52	58.181	Super-Saturated	Super-Saturated	1987
RATHG	7.71276383	3.09895281	0.35804705	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	379.69	591.27	56.75303	Super-Saturated	Super-Saturated	1987
RATHG	7.64930133	3.15855218	0.36700207	0	690	9		0.0113	0.909539	0.0223	0.0058	0.00694	376.57	602.64	58.17246	Super-Saturated	Super-Saturated	1987

KA1_11	KA2_11	KA3_11
-136.2685	206.115	57.2805
KB1_11	KB2_11	KB3_11
-0.148598	0.095114	-0.0163396

KA1_12	KA2_12	KA3_12
-124.4395	185.4299	51.6383
KB1_12	KB2_12	KB3_12
-0.149779	0.094668	-0.0160043

KA1_113	KA2_113	KA3_113
-136.129	206.475	55.8957
KB1_113	KB2_113	KB3_113
-0.02754	0.006033	0

K(Henry) from Bullister et al., 2002, Deep-Sea Reseach, v. 49, 175-187.
In older version K(Henry) was from Wilhelm et al., 1977, Chemical Reviews, v. 77, 219-262.
Bullister et al., 2002, salting out effect was added.
Units of concentration fMol/L fMol = 10E-15 Moles.
Busenberg and Plummer -- Revised September 2010

Worksheet Name: Idaho, Gary Stevens

Standard used for calibration.
Scott tank SF6 in N2 104 pptv
CMDL/NOAA tank Air 5.12 pptv

Lab Temperature in °C 21.0
K_{Henry} 0.0002649 Headspace Correction
Lab Pressure in mm mercury 750.0
Salinity 0.0

	INPUT	
Enrichment	1.00	**Local SF6 enrichment factor (1.00= Northern Hemisphere)**
Meters =0; feet =1	1	**Select units of elevation**
fMol/L=0; pg/kg =1	0	**Select units of concentration**

You can change:
1) Excess air in cc at STP
2) Temperature in C
3) Elevation
4) Salinity in o/oo

Samples should be collected without headspace (HS). If a HS forms, the HS volume (column "H") is measured and a correction is applied. Since the total pressure of the HS bubble cannot be measured, the HS SF_6 concentration cannot be exactly calculated. The MAXIMUM PERCENT UNCERTAINTY in the water concentration that may be introduced by the HS bubble is given in column "AO". The uncertainty is significantly smaller in most cases.

Corrected Age Date Results

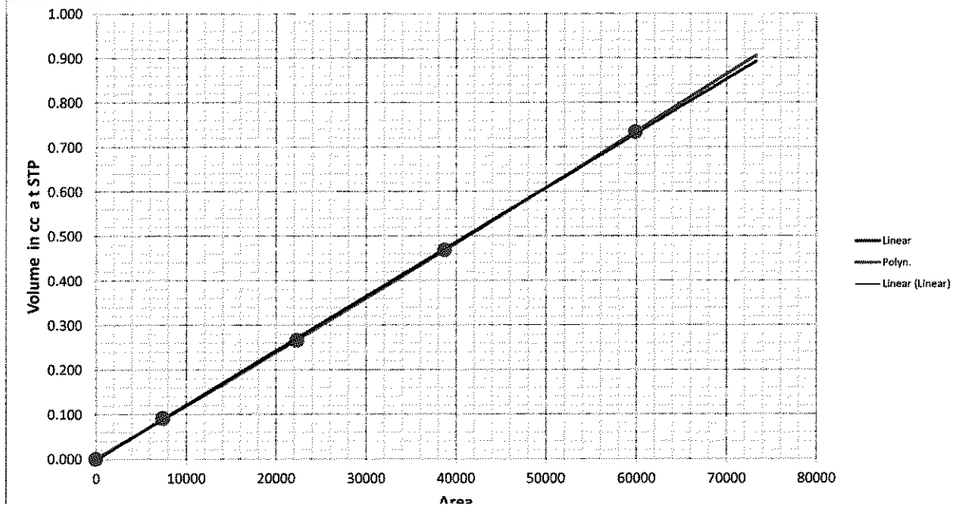
	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT									
							Recharge			*SF6 Concentration in water*	*SF6 in pptv corrected for Excess air*	*SF6 Corrected for Excess air*	*SF6 Corrected for Excess air*			(see abovecomment)	
USGS ID No.	**Site**	**Sample Name**	**Sampling Date (Mo/day/year)**	**Time**	**Bottle Headspace in cc**	**Excess Air (mL)**	**Temperature (C)**	**Elevation feet**	**Salinity in (o/oo) parts per thousand**	*SF6 FemtoMol/kg With HS corr.*	*Calculated SF6 (pptv) partial pressure*	*Piston flow model SF6 recharge year*	*Piston flow model SF6 recharge age, years*	**Sample Name**	**Maximum % headspace uncertainty**	**Comments**	
	Post Falls	PF#9	09/24/12	726	2.00	**2.2**	**12.1**	**2142.39**		2.47	**5.74**	**2005.0**	**7.7**	PF#9	2.19	0	
	Post Falls	PF#9	09/24/12	726	0.50	**2.2**	**12.1**	**2142.39**		2.46	**5.70**	**2005.0**	**7.7**	PF#9	0.55	0	
	Post Falls	PF#6	09/24/12	940	0.10	1.9	9.3	**2198.16**		2.64	**5.78**	**2005.0**	**7.7**	PF#6	0.11	0	
	Post Falls	PF#6	09/24/12	940	0.24	1.9	9.3	**2198.16**		2.58	**5.64**	**2004.5**	**8.2**	PF#6	0.26	0	
	Rathdrum Prairie	EGA#1	09/24/12	1245	0.14	1.9	9.3	**2148.95**		2.28	**4.97**	**2001.5**	**11.2**	EGA#1	0.15	0	
	Rathdrum Prairie	EGA#1	09/24/12	1245	0.12	1.9	9.3	**2148.95**		2.45	**5.36**	**2003.5**	**9.2**	EGA#1	0.13	0	
	Rathdrum Prairie	EGA#2	09/24/12	1330	0.40	1.9	9.3	**2165.35**		2.56	**5.61**	**2004.5**	**8.2**	EGA#2	0.44	0	
	Rathdrum Prairie	EGA#2	09/24/12	1330	0.00	1.9	9.3	**2165.35**		2.60	**5.68**	**2005.0**	**7.7**	EGA#2	0.00	0	
	City Spirit Lake	SL#4	09/24/12	1530	1.10	1.9	9.3	**2582.02**		2.12	**4.69**	**2000.5**	**12.2**	SL#4	1.20	2nd bottle broken	
	Coeur d'Alene	CLAW	09/25/12	1010	0.16	1.9	9.3	**2198.16**		1.97	**4.31**	**1998.5**	**14.2**	CLAW	0.18	0	
	Coeur d'Alene	CLAW	09/25/12	1010	0.12	1.9	9.3	**2198.16**		1.91	**4.17**	**1998.0**	**14.7**	CLAW	0.13	0	
	Rathdrum	USFS Nur	09/25/12	1115	0.14	1.9	9.3	**2257.22**		3.91	**8.58**	**C**	**C**	USFS Nur	0.15	0	
	Rathdrum	USFS Nur	09/25/12	1115	1.10	1.9	9.3	**2257.22**		3.51	**7.70**	**2012.0**	**0.7**	USFS Nur	1.20	0	
	Athol	ATH2	09/25/12	1350	0.16	**1.5**	**6.5**	**2385.17**		2.91	**6.01**	**2006.0**	**6.7**	ATH2	0.18	0	
	Athol	ATH2	09/25/12	1350	0.14	**1.5**	**6.5**	**2385.17**		2.89	**5.97**	**2006.0**	**6.7**	ATH2	0.15	0	
	Hayden	HAY#2	09/26/12	925	0.24	1.9	9.3	**2280.18**		2.96	**6.50**	**2007.5**	**5.2**	HAY#2	0.26	2nd bottle broken	
	Rathdrum	MDLA	09/26/12	1030	0.12	1.9	9.3	**2227.69**		2.06	**4.52**	**1999.5**	**13.2**	MDLA	0.13	0	
	Rathdrum	MDLA	09/26/12	1030	0.20	1.9	9.3	**2227.69**		2.03	**4.45**	**1999.0**	**13.7**	MDLA	0.22	0	
	Rathdrum	RAES	09/27/12	940	2.20	1.9	9.3	**2329.40**		3.08	**6.78**	**2009.0**	**3.7**	RAES	2.41	0	
	Rathdrum	RAES	09/27/12	940	0.90	1.9	9.3	**2329.40**		3.15	**6.92**	**2009.5**	**3.2**	RAES	0.98	0	
	Rathdrum	ALPWS	09/27/12	1420	1.30	1.9	9.3	**2263.78**		3.15	**6.90**	**2009.5**	**3.2**	ALPWS	1.42	0	
	Rathdrum	ALPWS	09/27/12	1420	0.70	1.9	9.3	**2263.78**		3.25	**7.13**	**2010.0**	**2.7**	ALPWS	0.77	0	
	Rathdrum	HWY 54	09/28/12	915	0.16	1.9	9.3	**2463.91**		3.07	**6.77**	**2009.0**	**3.7**	HWY 54	0.18	0	
	Rathdrum	HWY 54	09/28/12	915	0.30	1.9	9.3	**2463.91**		3.02	**6.66**	**2008.5**	**4.2**	HWY 54	0.33	0	
	Coeur d'Alene	C4SW	09/29/12	750	0.12	1.9	9.3	**2240.81**		2.24	**4.91**	**2001.5**	**11.2**	C4SW	0.13	0	
	Coeur d'Alene	C4SW	09/29/12	750	0.08	1.9	9.3	**2240.81**		2.25	**4.94**	**2001.5**	**11.2**	C4SW	0.09	0	
	Rathdrum Prairie	BTRE	10/02/12	830	0.40	1.9	9.3	**2395.01**		3.02	**6.65**	**2008.5**	**4.3**	BTRE	0.44	2nd bottle broken	
	Rathdrum Prairie	RATHG	10/02/12	1015	2.00	1.9	9.3	**2204.72**		2.44	**5.34**	**2003.0**	**9.8**	RATHG	2.19	0	
	Rathdrum Prairie	RATHG	10/02/12	1015	0.24	1.9	9.3	**2204.72**		2.74	**5.99**	**2006.0**	**6.8**	RATHG	0.26	0	
	Quality Control	Aerated DI water 22.6 degrees C	11/01/12	647	0.00	**0.0**	**22.6**	**450**		1.72	**7.15**	**2010.0**	**2.8**	Aerated DI water 22.6 degrees C	0.00	Lab air 7.98 ppt	
	Quality Control	Aerated DI water 21.9 degrees C	11/02/12	651	0.00	**0.0**	**21.9**	**450**		1.83	**7.44**	**2011.0**	**1.8**	Aerated DI water 21.9 degrees C	0.00	Lab air 8.39 ppt	

Calibration for Shimadzu GC-8A

Ed Busenberg

Revised January 25, 2011

Run Date	Temp. °C	Barometric Pressure Uncorrrected	SF6 Area	No. of Loops 0.1033	No. of Loops 0.3015	No. of Loops 0.5312	No. of Loops 0	Volume cm^3 at STP	Area SF_6	Temp. °K	Pressure Atm.
11/1/2012	22.7	745.7	7428	1	0	0	0	0.091	7428	295.9	0.9770
11/1/2012	22.7	745.7	22281	0	1	0	0	0.266	22281	295.9	0.9770
11/1/2012	22.7	745.7	38697	0	0	1	0	0.468	38697	295.9	0.9770
11/1/2012	22.7	745.7	59874	0	1	1	0	0.734	59874	295.9	0.9770
11/1/2012	22.7	745.7	22313	0	1	0	0	0.266	22313	295.9	0.9770
11/1/2012	22.7	745.7		0	0	0	0	0.000	0	295.9	0.9770
11/1/2012	22.7	745.7		0	0	0	0	0.000	0	295.9	0.9770
11/1/2012	22.7	745.7		0	0	0	0	0.000	0	295.9	0.9770
11/1/2012	22.7	745.7		0	0	0	0	0.000	0	295.9	0.9770
11/1/2012	22.7	745.7						0.000	0	295.9	0.9770
11/1/2012	22.7	745.7						0.000	0	295.9	0.9770



Calibration for Shimadzu GC-8A

Concentration of standard in ppt	104	SIO/NOAA Scale
Volume of stripping cell in L	0.98	
Stripping efficiency correction	1.09	
January 25, 2011		

USGS ID no.	Sample no.	Sample Name	Date	Time	Area	Calculated fMol/L NOAA	HS in cm^3	Comments	Calculated cm^3 Std (STP)
		Aerated DI water 22.6 degrees C	11/01/12	647	27800	1.721	0.00	Lab air 7.98 ppt	0.334
	Rathdrum	HWY 54	09/28/12	915	48510	3.045	0.16		0.590
	Rathdrum	HWY 54	09/28/12	915	47500	2.980	0.30		0.577
	Rathdrum Prairie	BTRE	10/02/12	830	47350	2.970	0.40	2nd bottle broken	0.575
	Athol	ATH2	09/25/12	1350	46115	2.890	0.16		0.560
	Athol	ATH2	09/25/12	1350	45829	2.872	0.14		0.556
	Rathdrum	RAES	09/27/12	940	44935	2.814	2.20		0.545
	Rathdrum	RAES	09/27/12	940	48271	3.030	0.90		0.587
	Rathdrum Prairie	RATH6	10/02/12	1015	36040	2.244	2.00		0.435
	Rathdrum Prairie	RATH6	10/02/12	1015	43310	2.709	0.24		0.525
	Rathdrum	ALPW5	09/27/12	1420	47443	2.976	1.30		0.577
	Rathdrum	ALPW5	09/27/12	1420	50196	3.154	0.70		0.611
	Rathdrum	MOLA	09/26/12	1030	33061	2.054	0.12		0.398
	Rathdrum	MOLA	09/26/12	1030	32443	2.015	0.20		0.390
	Hayden	HAY#2	09/26/12	925	46732	2.930	0.24	2nd bottle broken	0.568
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Samples submitted by:	Gary R. Stevens	**Revised 2/1/2011**	**Program written by E. Busenberg, USGS, (8-30-1994), Revised (4/19/2006), Revised (6/16/2009), Revised (01/19/2011), Revised (2/1/2012)**
Project:	Idaho Dept. of Environmental Quality	Version: 7.0	This program calculates the dissolved gas composition of waters, and the volume percent composition in a gas sample (revised 2/2/2012)
Geographic location:			{N2, Ar} R. F. Weiss, 1970, Deep-Sea Res., vol. 17, 721-735. R.F. {CO2} Weiss, 1974, Marine Chem. 2, 203-215.[Bunsen Coef.]
Date received:	9/27/2012		{O2} B. B Beson and D. Krause,1980, Limnol. Oceanogr. 25(4) 662-671; 1984, Limnol. Oceanogr. 29(3), 620-632.
Dated analyzed:	11/5/2012		{CH4} D.A. Wiesenburg and N.L. Guinasso, 1979, J. Chem. Eng. Data Vol. 24, 356-360.
Analyzed by:	PW		
Comments:	ID Gary Stevens 2012		

***** SAMPLES *****	Site	Date	Time	Field		Recharge			Concentration in mg/L					Concentration in mmol/L					Partial pressures at Field Temperatures in atm.					Measured	Tot Press	Elevation	Barometric	Data for new multiple gas program "NOBLEBOOK with N2.xls"					
Well Name	Number	Collected	Collected	Temp	Salinity	Elevation	Lab ID #	Bottle #	CH4	CO2	N2	O2	Ar	CH4	CO2	N2	O2	Ar	CH4	CO2	N2	O2	Ar	Pressure	Corrected		pressure	Name	Date	Ar cc/g	errAr cc/g	N2 cc/g	errN2 cc/g
PF#9		9/24/2012	0726	13.70		1992		12Y0950	0.0000	2.7229	18.3717	5.1946	0.6484	0.0000	0.0619	0.6558	0.1623	0.0162	0.000000	0.001304	0.8418	0.1033	0.00942	0.95578	0.95578		1	PF#9	9/24/2012	3.64E-04	3.64E-06	1.47E-02	1.47E-04
PF#9		9/24/2012	0726	13.70		1992		12Y0951	0.0000	2.7506	18.3317	5.0900	0.6473	0.0000	0.0625	0.6544	0.1591	0.0162	0.000000	0.001317	0.8400	0.1012	0.00941	0.95186	0.95186		1	PF#9	9/24/2012	3.63E-04	3.63E-06	1.47E-02	1.47E-04
PF#9		9/24/2012	0726	13.70		1992		12Y0956	0.0000	2.6163	17.9226	5.5492	0.6385	0.0000	0.0594	0.6398	0.1734	0.0160	0.000000	0.001253	0.8212	0.1103	0.00928	0.94206	0.94206		1	PF#9	9/24/2012	3.58E-04	3.58E-06	1.43E-02	1.43E-04
ATH2		9/25/2012	1350	10.80		2044		12Y0953	0.0000	3.0333	19.7417	7.0772	0.7210	0.0000	0.0689	0.7047	0.2212	0.0180	0.000000	0.001320	0.8538	0.1321	0.00984	0.99708	0.99708		1	ATH2	9/25/2012	4.05E-04	4.05E-06	1.58E-02	1.58E-04
ATH2		9/25/2012	1350	10.80		2044		12Y0954	0.0000	3.0356	19.6520	7.0594	0.7167	0.0000	0.0690	0.7015	0.2206	0.0179	0.000000	0.001321	0.8499	0.1318	0.00978	0.99281	0.99281		1	ATH2	9/25/2012	4.02E-04	4.02E-06	1.57E-02	1.57E-04
ATH2		9/25/2012	1350	10.80		2044		12Y0960	0.0000	3.0057	19.6678	7.0635	0.7198	0.0000	0.0683	0.7021	0.2207	0.0180	0.000000	0.001308	0.8506	0.1319	0.00983	0.99360	0.99360		1	ATH2	9/25/2012	4.04E-04	4.04E-06	1.57E-02	1.57E-04

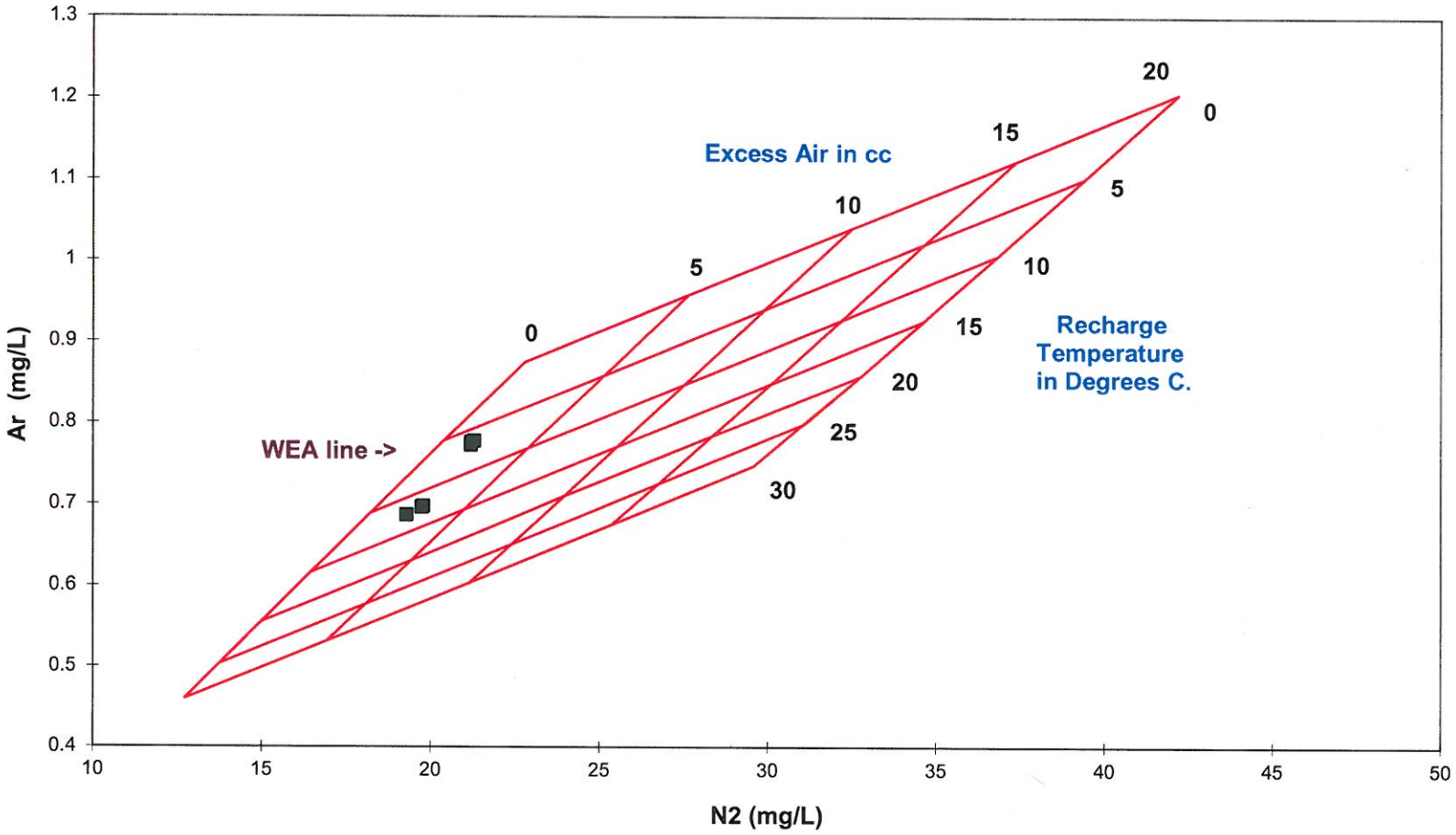
Dissolved Gas Spread Sheet. Dissolved Gas Laboratory, Reston, VA. See Instructions in Column CD

Sample Name	Date	Time	Field Temp	Salinity	mg/L N2	mg/L Ar	mg/L O2	mg/L CO2	mg/L CH4	Estimate mg/L Excess N2	Recharge Elev. Ft	mm Hg BP	Recharge T oC	Ex Air cc STP/L
PF#9	9/24/2012	0726	13.70		18.372	0.6484	5.19	2.72	0.0000		1992	706.4	12.0	2.3
PF#9	9/24/2012	0726	13.70		18.332	0.6473	5.09	2.75	0.0000		1992	706.4	12.0	2.3
PF#9	9/24/2012	0726	13.70		17.923	0.6385	5.55	2.62	0.0000		1992	706.4	12.3	1.9
ATH2	9/25/2012	1350	10.80		19.742	0.7210	7.08	3.03	0.0000		2044	705.0	6.4	1.6
ATH2	9/25/2012	1350	10.80		19.652	0.7167	7.06	3.04	0.0000		2044	705.0	6.7	1.6
ATH2	9/25/2012	1350	10.80		19.668	0.7198	7.06	3.01	0.0000		2044	705.0	6.4	1.5

Dissolved Gas Spread Sheet. Dissolved Gas Laboratory, Reston, VA. See Instructions in Column CO

							Averages and Standard Deviations										Estimate				
Sample Name	Date	Time	Field Temp	Salinity	Bottle #	Sample Status	mg/L N2	StDev N2	mg/L Ar	StDev Ar	mg/L O2	StDev O2	mg/L CO2	StDev CO2	mg/L CH4	StDev CH4	mg/L Excess N2	Recharge Elev. Ft	mm Hg BP	Recharge T oC	Ex Air cc STP/L
PF#9	9/24/2012	0726	13.70		12Y0950	Good Sample	18.2087	0.2485	0.6447	0.0054	5.2779	0.2407	2.6966	0.0709	0.0000	0.0000		1992	706.4	12.1	2.2
PF#9	9/24/2012	0726	13.70		12Y0951	Good Sample															
PF#9	9/24/2012	0726	13.70		12Y0956	Good Sample															
ATH2	9/25/2012	1350	10.80		12Y0953	Good Sample	19.6871	0.0479	0.7192	0.0023	7.0667	0.0093	3.0249	0.0167	0.0000	0.0000		2044	705.0	6.5	1.5
ATH2	9/25/2012	1350	10.80		12Y0954	Good Sample															
ATH2	9/25/2012	1350	10.80		12Y0960	Good Sample															

ID Dept of Environmental Quality
2012



One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
PF #9	W3A0438-01	Ground Water	28-Jan-13 07:28	GS	28-Jan-2013
PFSP	W3A0438-02	Ground Water	28-Jan-13 08:05	GS	28-Jan-2013
PF #6	W3A0438-03	Ground Water	28-Jan-13 08:35	GS	28-Jan-2013
MVT #1	W3A0438-04	Ground Water	28-Jan-13 09:45	GS	28-Jan-2013
EGA #1	W3A0438-05	Ground Water	28-Jan-13 10:20	GS	28-Jan-2013
HLWA #1	W3A0438-06	Ground Water	28-Jan-13 10:35	GS	28-Jan-2013
SL #4	W3A0438-07	Ground Water	28-Jan-13 11:30	GS	28-Jan-2013
RATHG	W3A0438-08	Ground Water	28-Jan-13 12:15	GS	28-Jan-2013
DUP #1	W3A0438-09	Ground Water	28-Jan-13 12:55	GS	28-Jan-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **PF #9**
SVL Sample ID: **W3A0438-01 (Ground Water)**

Sampled: 28-Jan-13 07:28
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	27.7	mg/L	0.040	0.006		W305113	AS	02/04/13 13:07	
EPA 200.7	**Magnesium**	13.1	mg/L	0.060	0.011		W305113	AS	02/04/13 13:07	
EPA 200.7	**Potassium**	2.12	mg/L	0.50	0.08		W305113	AS	02/04/13 13:07	
EPA 200.7	**Sodium**	3.01	mg/L	0.50	0.06		W305113	AS	02/04/13 13:07	
EPA 200.8	**Arsenic**	0.0048	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 11:45	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	113	mg/L	1.0			W305101	DKS	02/01/13 11:54	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 11:54	
SM 2320B/2310B	**Total Alkalinity**	113	mg/L	1.0			W305101	DKS	02/01/13 11:54	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 13:31	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 21:13	
EPA 300.0	**Chloride**	3.67	mg/L	0.20	0.04		W305241	AEW	02/01/13 21:13	
EPA 300.0	**Sulfate as SO4**	9.54	mg/L	0.30	0.07		W305241	AEW	02/01/13 21:13	

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John Kern
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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **PFSP**
SVL Sample ID: **W3A0438-02 (Ground Water)**

Sampled: 28-Jan-13 08:05
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	6.84	mg/L	0.040	0.006		W305113	AS	02/04/13 13:25	
EPA 200.7	**Magnesium**	1.83	mg/L	0.060	0.011		W305113	AS	02/04/13 13:25	
EPA 200.7	**Potassium**	0.82	mg/L	0.50	0.08		W305113	AS	02/04/13 13:25	
EPA 200.7	**Sodium**	1.88	mg/L	0.50	0.06		W305113	AS	02/04/13 13:25	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 11:50	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	24.2	mg/L	1.0			W305101	DKS	02/01/13 11:59	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 11:59	
SM 2320B/2310B	**Total Alkalinity**	24.2	mg/L	1.0			W305101	DKS	02/01/13 11:59	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 12:52	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 21:30	
EPA 300.0	**Chloride**	1.32	mg/L	0.20	0.04		W305241	AEW	02/01/13 21:30	
EPA 300.0	**Sulfate as SO4**	3.38	mg/L	0.30	0.07		W305241	AEW	02/01/13 21:30	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **PF #6**
SVL Sample ID: **W3A0438-03 (Ground Water)**

Sampled: 28-Jan-13 08:35
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	23.5	mg/L	0.040	0.006		W305113	AS	02/04/13 13:31	
EPA 200.7	**Magnesium**	5.67	mg/L	0.060	0.011		W305113	AS	02/04/13 13:31	
EPA 200.7	**Potassium**	1.68	mg/L	0.50	0.08		W305113	AS	02/04/13 13:31	
EPA 200.7	**Sodium**	2.65	mg/L	0.50	0.06		W305113	AS	02/04/13 13:31	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 11:51	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	62.6	mg/L	1.0			W305101	DKS	02/01/13 12:08	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:08	
SM 2320B/2310B	**Total Alkalinity**	62.6	mg/L	1.0			W305101	DKS	02/01/13 12:08	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 13:25	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 21:39	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **MVT #1**
SVL Sample ID: **W3A0438-04 (Ground Water)**

Sampled: 28-Jan-13 09:45
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	32.1	mg/L	0.040	0.006		W305113	AS	02/04/13 13:36	
EPA 200.7	**Magnesium**	15.1	mg/L	0.060	0.011		W305113	AS	02/04/13 13:36	
EPA 200.7	**Potassium**	2.42	mg/L	0.50	0.08		W305113	AS	02/04/13 13:36	
EPA 200.7	**Sodium**	3.21	mg/L	0.50	0.06		W305113	AS	02/04/13 13:36	
EPA 200.8	**Arsenic**	0.0065	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 11:53	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	131	mg/L	1.0			W305101	DKS	02/01/13 12:12	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:12	
SM 2320B/2310B	**Total Alkalinity**	131	mg/L	1.0			W305101	DKS	02/01/13 12:12	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 13:35	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 21:48	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **EGA #1**
SVL Sample ID: **W3A0438-05 (Ground Water)**

Sampled: 28-Jan-13 10:20
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	34.6	mg/L	0.040	0.006		W305113	AS	02/04/13 13:42	
EPA 200.7	**Magnesium**	17.5	mg/L	0.060	0.011		W305113	AS	02/04/13 13:42	
EPA 200.7	**Potassium**	2.38	mg/L	0.50	0.08		W305113	AS	02/04/13 13:42	
EPA 200.7	**Sodium**	3.29	mg/L	0.50	0.06		W305113	AS	02/04/13 13:42	
EPA 200.8	**Arsenic**	0.0046	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 11:54	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	143	mg/L	1.0			W305101	DKS	02/01/13 12:17	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:17	
SM 2320B/2310B	**Total Alkalinity**	143	mg/L	1.0			W305101	DKS	02/01/13 12:17	
SM 5310B	**Total Organic Carbon**	1.10	mg/L	1.00	0.20		W305194	SM	01/31/13 13:45	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 21:57	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **HLWA #1**
SVL Sample ID: **W3A0438-06 (Ground Water)**

Sampled: 28-Jan-13 10:35
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	57.4	mg/L	0.040	0.006		W305113	AS	02/04/13 14:00	
EPA 200.7	**Magnesium**	9.71	mg/L	0.060	0.011		W305113	AS	02/04/13 14:00	
EPA 200.7	**Potassium**	2.35	mg/L	0.50	0.08		W305113	AS	02/04/13 14:00	
EPA 200.7	**Sodium**	4.97	mg/L	0.50	0.06		W305113	AS	02/04/13 14:00	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 11:59	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	181	mg/L	1.0			W305101	DKS	02/01/13 12:26	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:26	
SM 2320B/2310B	**Total Alkalinity**	181	mg/L	1.0			W305101	DKS	02/01/13 12:26	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 14:16	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 22:06	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **SL #4**
SVL Sample ID: **W3A0438-07 (Ground Water)**

Sampled: 28-Jan-13 11:30
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	14.6	mg/L	0.040	0.006		W305113	AS	02/04/13 14:06	
EPA 200.7	**Magnesium**	3.28	mg/L	0.060	0.011		W305113	AS	02/04/13 14:06	
EPA 200.7	**Potassium**	1.13	mg/L	0.50	0.08		W305113	AS	02/04/13 14:06	
EPA 200.7	**Sodium**	2.71	mg/L	0.50	0.06		W305113	AS	02/04/13 14:06	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 12:00	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	52.1	mg/L	1.0			W305101	DKS	02/01/13 12:33	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:33	
SM 2320B/2310B	**Total Alkalinity**	52.1	mg/L	1.0			W305101	DKS	02/01/13 12:33	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 14:26	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 22:15	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **RATHG**
SVL Sample ID: **W3A0438-08 (Ground Water)**

Sampled: 28-Jan-13 12:15
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	28.4	mg/L	0.040	0.006		W305113	AS	02/04/13 14:12	
EPA 200.7	**Magnesium**	7.48	mg/L	0.060	0.011		W305113	AS	02/04/13 14:12	
EPA 200.7	**Potassium**	1.61	mg/L	0.50	0.08		W305113	AS	02/04/13 14:12	
EPA 200.7	**Sodium**	4.29	mg/L	0.50	0.06		W305113	AS	02/04/13 14:12	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 12:02	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	95.8	mg/L	1.0			W305101	DKS	02/01/13 12:37	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:37	
SM 2320B/2310B	**Total Alkalinity**	95.8	mg/L	1.0			W305101	DKS	02/01/13 12:37	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 14:37	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 22:42	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Client Sample ID: **DUP #1**
SVL Sample ID: **W3A0438-09 (Ground Water)**

Sampled: 28-Jan-13 12:55
Received: 28-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	28.6	mg/L	0.040	0.006		W305113	AS	02/04/13 14:17	
EPA 200.7	**Magnesium**	7.56	mg/L	0.060	0.011		W305113	AS	02/04/13 14:17	
EPA 200.7	**Potassium**	1.63	mg/L	0.50	0.08		W305113	AS	02/04/13 14:17	
EPA 200.7	**Sodium**	4.33	mg/L	0.50	0.06		W305113	AS	02/04/13 14:17	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 12:03	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	95.4	mg/L	1.0			W305101	DKS	02/01/13 12:42	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305101	DKS	02/01/13 12:42	
SM 2320B/2310B	**Total Alkalinity**	95.4	mg/L	1.0			W305101	DKS	02/01/13 12:42	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W305194	SM	01/31/13 14:46	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 22:51	
EPA 300.0	**Chloride**	6.71	mg/L	0.20	0.04		W305241	AEW	02/01/13 22:51	
EPA 300.0	**Sulfate as SO4**	4.90	mg/L	0.30	0.07		W305241	AEW	02/01/13 22:51	

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Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W305113	04-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W305113	04-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W305113	04-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W305113	04-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W305092	05-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W305101	01-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W305101	01-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W305101	01-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W305194	31-Jan-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W306169	06-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W305241	01-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.5	20.0	97.3	85 - 115	W305113	04-Feb-13	
EPA 200.7	Magnesium	mg/L	19.9	20.0	99.6	85 - 115	W305113	04-Feb-13	
EPA 200.7	Potassium	mg/L	21.3	20.0	107	85 - 115	W305113	04-Feb-13	
EPA 200.7	Sodium	mg/L	19.8	19.0	104	85 - 115	W305113	04-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0257	0.0250	103	85 - 115	W305092	05-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	95.3	97.2	98.0	85 - 115	W305101	01-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	37.7	34.3	110	80 - 120	W306169	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	35.6	34.3	104	80 - 120	W305194	31-Jan-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.84	3.00	94.7	90 - 110	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	3.89	4.00	97.2	90 - 110	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	9.99	10.0	99.9	90 - 110	W305241	01-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	27.1	27.7	2.4	20	W305113	04-Feb-13	
EPA 200.7	Magnesium	mg/L	12.8	13.1	2.2	20	W305113	04-Feb-13	
EPA 200.7	Potassium	mg/L	2.07	2.12	2.5	20	W305113	04-Feb-13	
EPA 200.7	Sodium	mg/L	2.94	3.01	2.2	20	W305113	04-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0044	0.0048	7.0	20	W305092	05-Feb-13	

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	113	113	0.5	20	W305101	01-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	113	113	0.5	20	W305101	01-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W305101	01-Feb-13	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	46.2	27.7	20.0	92.1	70 - 130	W305113	04-Feb-13	
EPA 200.7	Calcium	mg/L	475	439	20.0	R > 4S	70 - 130	W305113	04-Feb-13	D2,M3
EPA 200.7	Magnesium	mg/L	32.7	13.1	20.0	98.1	70 - 130	W305113	04-Feb-13	
EPA 200.7	Magnesium	mg/L	88.1	67.8	20.0	102	70 - 130	W305113	04-Feb-13	
EPA 200.7	Potassium	mg/L	23.3	2.12	20.0	106	70 - 130	W305113	04-Feb-13	
EPA 200.7	Potassium	mg/L	60.9	37.8	20.0	116	70 - 130	W305113	04-Feb-13	
EPA 200.7	Sodium	mg/L	22.6	3.01	19.0	103	70 - 130	W305113	04-Feb-13	
EPA 200.7	Sodium	mg/L	686	636	19.0	R > 4S	70 - 130	W305113	04-Feb-13	D2,M3
EPA 200.8	Arsenic	mg/L	0.0304	0.0048	0.0250	102	70 - 130	W305092	05-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0299	0.0031	0.0250	107	70 - 130	W305092	05-Feb-13	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	54.2	1.08	50.0	106	75 - 125	W306169	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	50.4	<1.00	50.0	99.5	75 - 125	W305194	31-Jan-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	3.65	0.67	3.00	99.2	90 - 110	W305241	01-Feb-13	
EPA 300.0	Chloride	mg/L	6.82	3.67	3.00	105	90 - 110	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	4.17	<0.10	4.00	104	90 - 110	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	4.02	<0.10	4.00	101	90 - 110	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	12.0	1.57	10.0	105	90 - 110	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	20.2	9.54	10.0	107	90 - 110	W305241	01-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.0	50.4	50.0	1.2	20	W305194	31-Jan-13	
SM 5310B	Total Organic Carbon	mg/L	54.8	54.2	50.0	1.2	20	W306169	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	3.66	3.65	3.00	0.4	20	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	4.08	4.17	4.00	2.1	20	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	12.1	12.0	10.0	0.7	20	W305241	01-Feb-13	

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2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0438**
Reported: 08-Feb-13 12:39

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

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Page 1 of 1

W3A0438

FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 6 °C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required: Ca, Na, Mg, K	HCO3, [redacted]	Br, As	TOC	Cl	SO4			Comments
1.	PF#9	01/28/13	7:20	GS	2	4	1		1		2			x	x	x	x	x	x			
2.	PFSP	01/28/13	8:05	GS	2	4	1		1		2			x	x	x	x	x	x			
3.	PF#6	01/28/13	8:35	GS	2	4	1		1		2			x	x	x	x					
4.	MVT #1	01/28/13	9:45	GS	2	4	1		1		2			x	x	x	x					
5.	EGA #1	01/28/13	10:20	GS	2	4	1		1		2			x	x	x	x					
6.	HLWA #1	01/28/13	10:35	GS	2	4	1		1		2			x	x	x	x					
7.	SL#4	01/28/13	11:30	GS	2	4	1		1		2			x	x	x	x					
8.	RATH6	01/28/13	12:15	GS	2	4	1		1		2			x	x	x	x					
9.	DUP #1	01/28/13	12:55	GS	2	4	1		1		2			x	x	x	x	x	x			
10.		~~01/28/13~~		GS	2	4	1		1		2			x	x	x	x					NO Sample @

Relinquished by: Gary Stevens	Date: 01/28/2013	Time: 12:55	Received by: P. Johnson	Date: 01/28/13 1-2573	Time: 1255 820
Relinquished by:	Date: 1/29/13	Time: 0820	Received by:	Date: 1-29-13	Time: 9:20

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

RPA ~~Ground~~ Groundwater Investigation

Date of acceptance: 01/28/13 By: Johnson

SVL Work No: W13A0438

GW

Bathdrum Prairie ~~GW~~ GW Investigation PJ

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ GW
2	Date and time of receipt at lab	✓				01-28-13 1255
3	Received by	✓				P. Johnson
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				Cool client used H_2SO_4 VOAs for TOC HNO_3 pre-prep HDPE ~~bottles~~
12	Did an SVL employee preserve sample(s) upon receipt	✓				No
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				KLG
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				(Ca, Mg, Na, K), As, Br, HCO_3, TOC 9 samples Cl, SO4 (3 samples)
18	Shipper's air bill	✓				

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Sandy Maitland. Bill Kootenai County Board of Commissioners

Additional Comments: GW to be analyzed as drinking water

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
C4SW	W3A0458-01	Ground Water	29-Jan-13 07:30	GS	29-Jan-2013
CHOW	W3A0458-02	Ground Water	29-Jan-13 08:00	GS	29-Jan-2013
CLAW	W3A0458-03	Ground Water	29-Jan-13 08:35	GS	29-Jan-2013
USFS NUR	W3A0458-04	Ground Water	29-Jan-13 09:10	GS	29-Jan-2013
LAAW	W3A0458-05	Ground Water	29-Jan-13 09:50	GS	29-Jan-2013
ATH #2	W3A0458-06	Ground Water	29-Jan-13 11:10	GS	29-Jan-2013
DUP #2	W3A0458-07	Ground Water	29-Jan-13 11:50	GS	29-Jan-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **C4SW**
SVL Sample ID: **W3A0458-01 (Ground Water)**

Sampled: 29-Jan-13 07:30
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	27.7	mg/L	0.040	0.006		W305158	AS	02/03/13 13:51	
EPA 200.7	**Magnesium**	12.3	mg/L	0.060	0.011		W305158	AS	02/03/13 13:51	
EPA 200.7	**Potassium**	1.84	mg/L	0.50	0.08		W305158	AS	02/03/13 13:51	
EPA 200.7	**Sodium**	3.31	mg/L	0.50	0.06		W305158	AS	02/03/13 13:51	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	116	mg/L	1.0			W305147	DKS	02/01/13 10:28	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 10:28	
SM 2320B/2310B	**Total Alkalinity**	116	mg/L	1.0			W305147	DKS	02/01/13 10:28	
SM 5310B	**Total Organic Carbon**	1.16	mg/L	1.00	0.20		W306169	SM	02/06/13 13:42	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:00	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **CHOW**
SVL Sample ID: **W3A0458-02 (Ground Water)**

Sampled: 29-Jan-13 08:00
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	28.4	mg/L	0.040	0.006		W305158	AS	02/03/13 13:57	
EPA 200.7	**Magnesium**	14.0	mg/L	0.060	0.011		W305158	AS	02/03/13 13:57	
EPA 200.7	**Potassium**	1.81	mg/L	0.50	0.08		W305158	AS	02/03/13 13:57	
EPA 200.7	**Sodium**	2.91	mg/L	0.50	0.06		W305158	AS	02/03/13 13:57	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	130	mg/L	1.0			W305147	DKS	02/01/13 10:33	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 10:33	
SM 2320B/2310B	**Total Alkalinity**	130	mg/L	1.0			W305147	DKS	02/01/13 10:33	
SM 5310B	**Total Organic Carbon**	1.08	mg/L	1.00	0.20		W306169	SM	02/06/13 13:52	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:08	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **CLAW**
SVL Sample ID: **W3A0458-03 (Ground Water)**

Sampled: 29-Jan-13 08:35
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	36.7	mg/L	0.040	0.006		W305158	AS	02/03/13 14:03	
EPA 200.7	**Magnesium**	20.8	mg/L	0.060	0.011		W305158	AS	02/03/13 14:03	
EPA 200.7	**Potassium**	2.36	mg/L	0.50	0.08		W305158	AS	02/03/13 14:03	
EPA 200.7	**Sodium**	4.75	mg/L	0.50	0.06		W305158	AS	02/03/13 14:03	
EPA 200.8	**Arsenic**	0.0032	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 12:05	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	164	mg/L	1.0			W305147	DKS	02/01/13 10:42	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 10:42	
SM 2320B/2310B	**Total Alkalinity**	164	mg/L	1.0			W305147	DKS	02/01/13 10:42	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 14:26	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:17	
EPA 300.0	**Chloride**	11.1	mg/L	0.20	0.04		W305241	AEW	02/01/13 23:17	
EPA 300.0	**Sulfate as SO4**	15.8	mg/L	0.30	0.07		W305241	AEW	02/01/13 23:17	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **USFS NUR**
SVL Sample ID: **W3A0458-04 (Ground Water)**

Sampled: 29-Jan-13 09:10
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.7	mg/L	0.040	0.006		W305158	AS	02/03/13 14:09	
EPA 200.7	**Magnesium**	6.72	mg/L	0.060	0.011		W305158	AS	02/03/13 14:09	
EPA 200.7	**Potassium**	2.60	mg/L	0.50	0.08		W305158	AS	02/03/13 14:09	
EPA 200.7	**Sodium**	3.08	mg/L	0.50	0.06		W305158	AS	02/03/13 14:09	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	107	mg/L	1.0			W305147	DKS	02/01/13 10:47	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 10:47	
SM 2320B/2310B	**Total Alkalinity**	107	mg/L	1.0			W305147	DKS	02/01/13 10:47	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 14:36	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:26	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **LAAW**
SVL Sample ID: **W3A0458-05 (Ground Water)**

Sampled: 29-Jan-13 09:50
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	25.2	mg/L	0.040	0.006		W305158	AS	02/03/13 14:15	
EPA 200.7	**Magnesium**	7.81	mg/L	0.060	0.011		W305158	AS	02/03/13 14:15	
EPA 200.7	**Potassium**	1.49	mg/L	0.50	0.08		W305158	AS	02/03/13 14:15	
EPA 200.7	**Sodium**	2.44	mg/L	0.50	0.06		W305158	AS	02/03/13 14:15	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	100	mg/L	1.0			W305147	DKS	02/01/13 10:52	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 10:52	
SM 2320B/2310B	**Total Alkalinity**	100	mg/L	1.0			W305147	DKS	02/01/13 10:52	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 14:47	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:35	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **ATH #2**
SVL Sample ID: **W3A0458-06 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 29-Jan-13 11:10
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	34.6	mg/L	0.040	0.006		W305158	AS	02/03/13 14:31	
EPA 200.7	**Magnesium**	15.4	mg/L	0.060	0.011		W305158	AS	02/03/13 14:31	
EPA 200.7	**Potassium**	2.02	mg/L	0.50	0.08		W305158	AS	02/03/13 14:31	
EPA 200.7	**Sodium**	3.77	mg/L	0.50	0.06		W305158	AS	02/03/13 14:31	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	135	mg/L	1.0			W305147	DKS	02/01/13 10:57	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 10:57	
SM 2320B/2310B	**Total Alkalinity**	135	mg/L	1.0			W305147	DKS	02/01/13 10:57	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 15:18	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:44	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Client Sample ID: **DUP #2**
SVL Sample ID: **W3A0458-07 (Ground Water)**

Sampled: 29-Jan-13 11:50
Received: 29-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	34.6	mg/L	0.040	0.006		W305158	AS	02/03/13 14:37	
EPA 200.7	**Magnesium**	15.4	mg/L	0.060	0.011		W305158	AS	02/03/13 14:37	
EPA 200.7	**Potassium**	2.02	mg/L	0.50	0.08		W305158	AS	02/03/13 14:37	
EPA 200.7	**Sodium**	3.77	mg/L	0.50	0.06		W305158	AS	02/03/13 14:37	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W305092	KWH	02/05/13 12:06	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	136	mg/L	1.0			W305147	DKS	02/01/13 11:02	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305147	DKS	02/01/13 11:02	
SM 2320B/2310B	**Total Alkalinity**	136	mg/L	1.0			W305147	DKS	02/01/13 11:02	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 15:28	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W305241	AEW	02/01/13 23:53	
EPA 300.0	**Chloride**	5.72	mg/L	0.20	0.04		W305241	AEW	02/01/13 23:53	
EPA 300.0	**Sulfate as SO4**	15.6	mg/L	0.30	0.07		W305241	AEW	02/01/13 23:53	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W305158	03-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W305158	03-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W305158	03-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W305158	03-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W305092	05-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W305147	01-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W305147	01-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W305147	01-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W306169	06-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W305241	01-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.0	20.0	94.9	85 - 115	W305158	03-Feb-13	
EPA 200.7	Magnesium	mg/L	18.4	20.0	92.2	85 - 115	W305158	03-Feb-13	
EPA 200.7	Potassium	mg/L	19.5	20.0	97.5	85 - 115	W305158	03-Feb-13	
EPA 200.7	Sodium	mg/L	17.9	19.0	94.3	85 - 115	W305158	03-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0257	0.0250	103	85 - 115	W305092	05-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	94.0	97.2	96.7	85 - 115	W305147	01-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	37.7	34.3	110	80 - 120	W306169	06-Feb-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.84	3.00	94.7	90 - 110	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	3.89	4.00	97.2	90 - 110	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	9.99	10.0	99.9	90 - 110	W305241	01-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	347	350	0.9	20	W305158	03-Feb-13	
EPA 200.7	Magnesium	mg/L	38.2	38.5	0.8	20	W305158	03-Feb-13	
EPA 200.7	Potassium	mg/L	3.10	3.14	1.3	20	W305158	03-Feb-13	
EPA 200.7	Sodium	mg/L	10.7	10.9	1.4	20	W305158	03-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0044	0.0048	7.0	20	W305092	05-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	128	128	0.3	20	W305147	01-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	128	128	0.3	20	W305147	01-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W305147	01-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0458**
Reported: 08-Feb-13 12:51

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	364	350	20.0	R > 4S	70 - 130	W305158	03-Feb-13	M3
EPA 200.7	Magnesium	mg/L	56.7	38.5	20.0	90.9	70 - 130	W305158	03-Feb-13	
EPA 200.7	Potassium	mg/L	23.5	3.14	20.0	102	70 - 130	W305158	03-Feb-13	
EPA 200.7	Sodium	mg/L	29.4	10.9	19.0	97.2	70 - 130	W305158	03-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0304	0.0048	0.0250	102	70 - 130	W305092	05-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0299	0.0031	0.0250	107	70 - 130	W305092	05-Feb-13	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	54.2	1.08	50.0	106	75 - 125	W306169	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	3.65	0.67	3.00	99.2	90 - 110	W305241	01-Feb-13	
EPA 300.0	Chloride	mg/L	6.82	3.67	3.00	105	90 - 110	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	4.17	<0.10	4.00	104	90 - 110	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	4.02	<0.10	4.00	101	90 - 110	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	12.0	1.57	10.0	105	90 - 110	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	20.2	9.54	10.0	107	90 - 110	W305241	01-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	54.8	54.2	50.0	1.2	20	W306169	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	3.66	3.65	3.00	0.4	20	W305241	01-Feb-13	
EPA 300.0	Bromide	mg/L	4.08	4.17	4.00	2.1	20	W305241	01-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	12.1	12.0	10.0	0.7	20	W305241	01-Feb-13	

Notes and Definitions

M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

Page 1 of 1

W3A0458

FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 5 °C

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Time	Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	No. of Containers	Preservative(s): Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required: Ca, Na, Mg, K	HCO3	Br	TOC	Cl, SO4	As			Comments: Standard TAT
1.	C4SW	01/29/13	7:30	GS	2	4	1		1		2			x	x	x	x					
2.	C How	01/29/13	8:00	GS	2	4	1		1		2			x	x	x	x					
3.	CLAW	01/29/13	8:35	GS	2	4	1		1		2			x	x	x	x	X	X			
4.	USFS Nur	01/29/13	9:10	GS	2	4	1		1		2			x	x	x	x					
5.	LAAW	01/29/13	9:50	GS	2	4	1		1		2			x	x	x	x					
6.	ATH #2	01/29/13	11:10	GS	2	4	1		1		2			x	x	x	x					
7.	Dup #2	01/29/13	11:50	GS	2	4	1		1		2			x	x	x	x	X	X			
8.		~~01/29/13~~		GS	2	4	1		1		2			x	x	x	x					No samples 4
9.		~~01/29/13~~		GS	2	4	1		1		2			x	x	x	x					
10.		~~01/29/13~~		GS	2	4	1		1		2			x	x	x	x					

Relinquished by: Gary Stevens	Date: 01/29/2013	Time: 11:56	Received by:	Date: 01/29/13	Time: 1150
Relinquished by: P. Johnson	Date: 01-30-13	Time: 0810	Received by:	Date: 01/30/13	Time: 8 10
				1-30-13	9:00

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 01/29/13 By: Johann

SVL Work No: W3A0458

Item	Description	V	VC	NV	NA	Comments RPA ~~Groun~~ Ground Water Investigation
1	*Client or project name*	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				01/29/13 @ 1150
3	Received by	✓				Johann
4	Temperature blank or cooler temperature	✓				Temp. 5 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				pres by client @ HNO_3 client used pre-pres H_2SO_4 VOAs for TOC
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Klg: Ca, Na, Mg, K - 7 samples. HCO_3 - 7 samples TOC - 7 samples As - 2 samples
18	Shipper's air bill	✓				Cl, SO_4 - 2 samples.

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Groundwater analyzed as drinking water Bill to Sandy Maitland Kootenai Co Board of Commissioners

2 samples testing for Cl, SO_4 + As.

unaing samples collected by PHD for these analytes.

cf

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
HAY #2	W3A0490-01	Ground Water	30-Jan-13 09:30	GS	30-Jan-2013
MDLA	W3A0490-02	Ground Water	30-Jan-13 10:12	GS	30-Jan-2013
TLWS	W3A0490-03	Ground Water	30-Jan-13 11:10	GS	30-Jan-2013
EASA	W3A0490-04	Ground Water	30-Jan-13 11:50	GS	30-Jan-2013
CHSA	W3A0490-05	Ground Water	30-Jan-13 12:35	GS	30-Jan-2013
OHMA	W3A0490-06	Ground Water	30-Jan-13 11:20	GS	30-Jan-2013
DUP #3	W3A0490-07	Ground Water	30-Jan-13 14:15	GS	30-Jan-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **HAY #2**
SVL Sample ID: **W3A0490-01 (Ground Water)**

Sampled: 30-Jan-13 09:30
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	18.5	mg/L	0.040	0.006		W305228	AS	02/06/13 11:21	
EPA 200.7	**Magnesium**	3.12	mg/L	0.060	0.011		W305228	AS	02/06/13 11:21	
EPA 200.7	**Potassium**	1.10	mg/L	0.50	0.08		W305228	AS	02/06/13 11:21	
EPA 200.7	**Sodium**	1.86	mg/L	0.50	0.06		W305228	AS	02/06/13 11:21	
EPA 200.8	Arsenic	< 0.0038	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:13	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	65.6	mg/L	1.0			W305263	DKS	02/06/13 12:15	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:15	
SM 2320B/2310B	**Total Alkalinity**	65.6	mg/L	1.0			W305263	DKS	02/06/13 12:15	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306173	SM	02/06/13 16:43	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 13:34	
EPA 300.0	**Chloride**	1.21	mg/L	0.20	0.04		W306122	AEW	02/05/13 13:34	
EPA 300.0	**Sulfate as SO4**	1.97	mg/L	0.30	0.07		W306122	AEW	02/05/13 13:34	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **MDLA**
SVL Sample ID: **W3A0490-02 (Ground Water)**

Sampled: 30-Jan-13 10:12
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.7	mg/L	0.040	0.006		W305228	AS	02/06/13 11:26	
EPA 200.7	**Magnesium**	14.8	mg/L	0.060	0.011		W305228	AS	02/06/13 11:26	
EPA 200.7	**Potassium**	1.76	mg/L	0.50	0.08		W305228	AS	02/06/13 11:26	
EPA 200.7	**Sodium**	3.01	mg/L	0.50	0.06		W305228	AS	02/06/13 11:26	
EPA 200.8	**Arsenic**	0.0058	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:15	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	132	mg/L	1.0			W305263	DKS	02/06/13 12:20	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:20	
SM 2320B/2310B	**Total Alkalinity**	132	mg/L	1.0			W305263	DKS	02/06/13 12:20	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306173	SM	02/06/13 16:53	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 14:09	
EPA 300.0	**Chloride**	1.60	mg/L	0.20	0.04		W306122	AEW	02/05/13 14:09	
EPA 300.0	**Sulfate as SO4**	16.8	mg/L	0.30	0.07		W306122	AEW	02/05/13 14:09	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **TLWS**
SVL Sample ID: **W3A0490-03 (Ground Water)**

Sampled: 30-Jan-13 11:10
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	24.4	mg/L	0.040	0.006		W305228	AS	02/06/13 11:31	
EPA 200.7	**Magnesium**	7.35	mg/L	0.060	0.011		W305228	AS	02/06/13 11:31	
EPA 200.7	**Potassium**	1.36	mg/L	0.50	0.08		W305228	AS	02/06/13 11:31	
EPA 200.7	**Sodium**	2.77	mg/L	0.50	0.06		W305228	AS	02/06/13 11:31	
EPA 200.8	**Arsenic**	0.0112	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:16	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	90.2	mg/L	1.0			W305263	DKS	02/06/13 12:26	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:26	
SM 2320B/2310B	**Total Alkalinity**	90.2	mg/L	1.0			W305263	DKS	02/06/13 12:26	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306173	SM	02/06/13 18:06	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 14:21	
EPA 300.0	**Chloride**	2.15	mg/L	0.20	0.04		W306122	AEW	02/05/13 14:21	
EPA 300.0	**Sulfate as SO4**	7.44	mg/L	0.30	0.07		W306122	AEW	02/05/13 14:21	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **EASA**
SVL Sample ID: **W3A0490-04 (Ground Water)**

Sampled: 30-Jan-13 11:50
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	18.5	mg/L	0.040	0.006		W305228	AS	02/06/13 11:37	
EPA 200.7	**Magnesium**	6.86	mg/L	0.060	0.011		W305228	AS	02/06/13 11:37	
EPA 200.7	**Potassium**	1.23	mg/L	0.50	0.08		W305228	AS	02/06/13 11:37	
EPA 200.7	**Sodium**	2.61	mg/L	0.50	0.06		W305228	AS	02/06/13 11:37	
EPA 200.8	**Arsenic**	0.0122	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:18	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	76.1	mg/L	1.0			W305263	DKS	02/06/13 12:30	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:30	
SM 2320B/2310B	**Total Alkalinity**	76.1	mg/L	1.0			W305263	DKS	02/06/13 12:30	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306173	SM	02/06/13 18:16	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 14:33	
EPA 300.0	**Chloride**	2.00	mg/L	0.20	0.04		W306122	AEW	02/05/13 14:33	
EPA 300.0	**Sulfate as SO4**	5.45	mg/L	0.30	0.07		W306122	AEW	02/05/13 14:33	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **CHSA**
SVL Sample ID: **W3A0490-05 (Ground Water)**

Sampled: 30-Jan-13 12:35
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	36.3	mg/L	0.040	0.006		W305228	AS	02/06/13 11:53	
EPA 200.7	**Magnesium**	5.99	mg/L	0.060	0.011		W305228	AS	02/06/13 11:53	
EPA 200.7	**Potassium**	2.26	mg/L	0.50	0.08		W305228	AS	02/06/13 11:53	
EPA 200.7	**Sodium**	4.67	mg/L	0.50	0.06		W305228	AS	02/06/13 11:53	
EPA 200.8	**Arsenic**	0.0084	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:19	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	108	mg/L	1.0			W305263	DKS	02/06/13 12:35	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:35	
SM 2320B/2310B	**Total Alkalinity**	108	mg/L	1.0			W305263	DKS	02/06/13 12:35	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306173	SM	02/06/13 18:26	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 14:45	
EPA 300.0	**Chloride**	12.5	mg/L	1.00	0.21	5	W306122	AEW	02/05/13 18:55	D2
EPA 300.0	**Sulfate as SO4**	4.44	mg/L	0.30	0.07		W306122	AEW	02/05/13 14:45	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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IDEQ Coeur d'Alene Regional Office
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **OHMA**
SVL Sample ID: **W3A0490-06 (Ground Water)**

Sampled: 30-Jan-13 11:20
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	75.2	mg/L	0.040	0.006		W305228	AS	02/06/13 11:58	
EPA 200.7	**Magnesium**	13.7	mg/L	0.060	0.011		W305228	AS	02/06/13 11:58	
EPA 200.7	**Potassium**	4.11	mg/L	0.50	0.08		W305228	AS	02/06/13 11:58	
EPA 200.7	**Sodium**	4.99	mg/L	0.50	0.06		W305228	AS	02/06/13 11:58	
EPA 200.8	Arsenic	< 0.0038	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:21	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	235	mg/L	1.0			W305263	DKS	02/06/13 12:43	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:43	
SM 2320B/2310B	**Total Alkalinity**	235	mg/L	1.0			W305263	DKS	02/06/13 12:43	
SM 5310B	**Total Organic Carbon**	1.09	mg/L	1.00	0.20		W306169	SM	02/06/13 15:38	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 14:57	
EPA 300.0	**Chloride**	18.5	mg/L	1.00	0.21	5	W306122	AEW	02/05/13 19:07	D2
EPA 300.0	**Sulfate as SO4**	7.59	mg/L	0.30	0.07		W306122	AEW	02/05/13 14:57	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
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Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Client Sample ID: **DUP #3**
SVL Sample ID: **W3A0490-07 (Ground Water)**

Sampled: 30-Jan-13 14:15
Received: 30-Jan-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	76.9	mg/L	0.040	0.006		W305228	AS	02/06/13 12:04	
EPA 200.7	**Magnesium**	13.9	mg/L	0.060	0.011		W305228	AS	02/06/13 12:04	
EPA 200.7	**Potassium**	4.23	mg/L	0.50	0.08		W305228	AS	02/06/13 12:04	
EPA 200.7	**Sodium**	5.09	mg/L	0.50	0.06		W305228	AS	02/06/13 12:04	
EPA 200.8	Arsenic	< 0.0038	mg/L	0.0038	0.0006	2.5	W305174	KWH	02/07/13 12:22	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	232	mg/L	1.0			W305263	DKS	02/06/13 12:50	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W305263	DKS	02/06/13 12:50	
SM 2320B/2310B	**Total Alkalinity**	232	mg/L	1.0			W305263	DKS	02/06/13 12:50	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306169	SM	02/06/13 15:49	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306122	AEW	02/05/13 15:33	
EPA 300.0	**Chloride**	18.6	mg/L	1.00	0.21	5	W306122	AEW	02/05/13 19:19	D2
EPA 300.0	**Sulfate as SO4**	7.55	mg/L	0.30	0.07		W306122	AEW	02/05/13 15:33	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W305228	06-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W305228	06-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W305228	06-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W305228	06-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W305174	07-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W305263	06-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W305263	06-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W305263	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W306169	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W306173	06-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W306122	05-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W306122	05-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W306122	05-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.6	20.0	98.1	85 - 115	W305228	06-Feb-13	
EPA 200.7	Magnesium	mg/L	19.8	20.0	99.1	85 - 115	W305228	06-Feb-13	
EPA 200.7	Potassium	mg/L	19.6	20.0	98.1	85 - 115	W305228	06-Feb-13	
EPA 200.7	Sodium	mg/L	18.2	19.0	95.8	85 - 115	W305228	06-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0245	0.0250	98.0	85 - 115	W305174	07-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	96.0	97.2	98.7	85 - 115	W305263	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	37.7	34.3	110	80 - 120	W306169	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	34.8	34.3	101	80 - 120	W306173	06-Feb-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.93	3.00	97.6	90 - 110	W306122	05-Feb-13	
EPA 300.0	Bromide	mg/L	3.94	4.00	98.5	90 - 110	W306122	05-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	10.3	10.0	103	90 - 110	W306122	05-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	62.6	62.4	0.4	20	W305228	06-Feb-13	
EPA 200.7	Magnesium	mg/L	19.0	18.9	0.4	20	W305228	06-Feb-13	
EPA 200.7	Potassium	mg/L	2.65	2.64	0.5	20	W305228	06-Feb-13	
EPA 200.7	Sodium	mg/L	19.9	19.9	0.1	20	W305228	06-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	<0.0030	UDL	20	W305174	07-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Quality Control - DUPLICATE Data (Continued)

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	64.5	65.6	1.7	20	W305263	06-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	64.5	65.6	1.7	20	W305263	06-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W305263	06-Feb-13	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	82.0	62.4	20.0	98.4	70 - 130	W305228	06-Feb-13	
EPA 200.7	Calcium	mg/L	29.3	9.61	20.0	98.7	70 - 130	W305228	06-Feb-13	
EPA 200.7	Magnesium	mg/L	38.6	18.9	20.0	98.6	70 - 130	W305228	06-Feb-13	
EPA 200.7	Magnesium	mg/L	22.1	2.37	20.0	98.4	70 - 130	W305228	06-Feb-13	
EPA 200.7	Potassium	mg/L	22.5	2.64	20.0	99.5	70 - 130	W305228	06-Feb-13	
EPA 200.7	Potassium	mg/L	22.5	2.78	20.0	98.7	70 - 130	W305228	06-Feb-13	
EPA 200.7	Sodium	mg/L	37.4	19.9	19.0	92.0	70 - 130	W305228	06-Feb-13	
EPA 200.7	Sodium	mg/L	28.9	8.62	19.0	107	70 - 130	W305228	06-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0250	<0.0030	0.0250	100	70 - 130	W305174	07-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0304	0.0131	0.0250	69.2	70 - 130	W305174	07-Feb-13	M2
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	54.2	1.08	50.0	106	75 - 125	W306169	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	58.3	<1.00	50.0	116	75 - 125	W306173	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.33	1.21	3.00	104	90 - 110	W306122	05-Feb-13	
EPA 300.0	Chloride	mg/L	11.9	9.97	3.00	64.1	90 - 110	W306122	05-Feb-13	D2,M2
EPA 300.0	Bromide	mg/L	4.18	<0.10	4.00	104	90 - 110	W306122	05-Feb-13	
EPA 300.0	Bromide	mg/L	4.04	<0.10	4.00	101	90 - 110	W306122	05-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	13.0	1.97	10.0	110	90 - 110	W306122	05-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	29.7	18.9	10.0	108	90 - 110	W306122	05-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	54.8	54.2	50.0	1.2	20	W306169	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	55.7	58.3	50.0	4.6	20	W306173	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.33	4.33	3.00	0.1	20	W306122	05-Feb-13	
EPA 300.0	Bromide	mg/L	4.20	4.18	4.00	0.6	20	W306122	05-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	13.0	13.0	10.0	0.3	20	W306122	05-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3A0490**
Reported: 11-Feb-13 14:40

Notes and Definitions

D2	Sample required dilution due to high concentration of target analyte.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

W3A0490

Page 1 of 1

FOR SVL USE ONLY
SVL JOB #

TEMP ON RECEIPT: 4°C

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State: ID** **USACE? No**

	Sample ID	Collection: Date	Collection: Time	Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required: Ca, Na, Mg, K	HCO3, Cl, SO4	Br, As	TOC	Comments
1.	HAY #2	01/30/13	9:30	GS	2	4	1		1		2			x	x	x	x	Standard TAT
2.	MDLA	01/30/13	10:12	GS	2	4	1		1		2			x	x	x	x	
3.	TLW3	01/30/13	11:10	GS	2	4	1		1		2			x	x	x	x	
4.	EASA	01/30/13	11:50	GS	2	4	1		1		2			x	x	x	x	
5.	CHSA	01/30/13	12:35	GS	2	4	1		1		2			x	x	x	x	
6.	OHMA	01/30/13	11:20	GS	2	4	1		1		2			x	x	x	x	
7.	DUP #3	01/30/13	14:15	GS	2	4	1		1		2			x	x	x	x	
8.		01/30/13		GS	2	4	1		1		2			x	x	x	x	NO samples ↓
9.		01/30/13		GS	2	4	1		1		2			x	x	x	x	
10.		01/30/13		GS	2	4	1		1		2			x	x	x	x	

Relinquished by: Gary Stevens	Date: 01/30/2013	Time: 14:15	Received by:	Date: 01/30/13	Time: 1415
Relinquished by:	Date: 01/31/13	Time: 8:30	Received by:	Date: 01/31/13	Time: 8:30
				1-31-13	9:20

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 01/30/13 By: Yohann

SVL Work No: W3A0490 GW (as DW)

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				Gary Stevens IDEQ CDA RPA Ground Water Investigation
2	Date and time of receipt at lab	✓				01/30/13 @ 1415
3	Received by	✓				Yohann
4	Temperature blank or cooler temperature	✓				Temp. 4 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				Cool HNO_3 pres by client for metals H_2SO_4 40mL pre-paced VOAs used for TOC
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				GW -used as drinking water
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Kellogg: Ca, Na, Mg, K, As, HCO_3, Cl, SO_4, Br, TOC } 7 sample.
18	Shipper's air bill	✓				

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Mattland Kootenai Co Board of Commissioners

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
FSP #9	W3B0017-01	Ground Water	01-Feb-13 09:25	GS	01-Feb-2013
LPDO	W3B0017-02	Ground Water	01-Feb-13 09:55	GS	01-Feb-2013
LSPT	W3B0017-03	Ground Water	01-Feb-13 11:00	GS	01-Feb-2013
LTWN	W3B0017-04	Ground Water	01-Feb-13 11:35	GS	01-Feb-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

Client Sample ID: **FSP #9**
SVL Sample ID: **W3B0017-01 (Ground Water)**

Sampled: 01-Feb-13 09:25
Received: 01-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	38.6	mg/L	0.040	0.006		W306009	AS	02/06/13 13:03	
EPA 200.7	**Magnesium**	14.1	mg/L	0.060	0.011		W306009	AS	02/06/13 13:03	
EPA 200.7	**Potassium**	1.84	mg/L	0.50	0.08		W306009	AS	02/06/13 13:03	
EPA 200.7	**Sodium**	3.48	mg/L	0.50	0.06		W306009	AS	02/06/13 13:03	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W306019	KWH	02/12/13 09:12	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	150	mg/L	1.0			W306132	DKS	02/06/13 13:55	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W306132	DKS	02/06/13 13:55	
SM 2320B/2310B	**Total Alkalinity**	150	mg/L	1.0			W306132	DKS	02/06/13 13:55	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306173	SM	02/06/13 18:36	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 12:03	
EPA 300.0	**Chloride**	1.17	mg/L	0.20	0.04		W306230	AEW	02/07/13 12:03	
EPA 300.0	**Sulfate as SO4**	10.2	mg/L	0.30	0.07		W306230	AEW	02/07/13 12:03	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

Client Sample ID: **LPDO**
SVL Sample ID: **W3B0017-02 (Ground Water)**

Sampled: 01-Feb-13 09:55
Received: 01-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	23.5	mg/L	0.040	0.006		W306009	AS	02/06/13 13:09	
EPA 200.7	**Magnesium**	6.58	mg/L	0.060	0.011		W306009	AS	02/06/13 13:09	
EPA 200.7	**Potassium**	0.86	mg/L	0.50	0.08		W306009	AS	02/06/13 13:09	
EPA 200.7	**Sodium**	2.82	mg/L	0.50	0.06		W306009	AS	02/06/13 13:09	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	84.3	mg/L	1.0			W306132	DKS	02/06/13 14:01	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W306132	DKS	02/06/13 14:01	
SM 2320B/2310B	**Total Alkalinity**	84.3	mg/L	1.0			W306132	DKS	02/06/13 14:01	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.20	mg/L	0.20	0.04		W306230	AEW	02/07/13 12:30	
EPA 300.0	**Sulfate as SO4**	5.91	mg/L	0.30	0.07		W306230	AEW	02/07/13 12:30	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

Client Sample ID: **LSPT**
SVL Sample ID: **W3B0017-03 (Ground Water)**

Sampled: 01-Feb-13 11:00
Received: 01-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	1.94	mg/L	0.040	0.006		W306009	AS	02/06/13 13:15	
EPA 200.7	**Magnesium**	0.493	mg/L	0.060	0.011		W306009	AS	02/06/13 13:15	
EPA 200.7	**Potassium**	0.78	mg/L	0.50	0.08		W306009	AS	02/06/13 13:15	
EPA 200.7	**Sodium**	2.26	mg/L	0.50	0.06		W306009	AS	02/06/13 13:15	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	8.7	mg/L	1.0			W306132	DKS	02/06/13 14:06	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W306132	DKS	02/06/13 14:06	
SM 2320B/2310B	**Total Alkalinity**	8.7	mg/L	1.0			W306132	DKS	02/06/13 14:06	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	0.57	mg/L	0.20	0.04		W306230	AEW	02/07/13 12:39	
EPA 300.0	**Sulfate as SO4**	1.05	mg/L	0.30	0.07		W306230	AEW	02/07/13 12:39	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

Client Sample ID: **LTWN**
SVL Sample ID: **W3B0017-04 (Ground Water)**

Sampled: 01-Feb-13 11:35
Received: 01-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	2.28	mg/L	0.040	0.006		W306009	AS	02/06/13 13:33	
EPA 200.7	**Magnesium**	0.602	mg/L	0.060	0.011		W306009	AS	02/06/13 13:33	
EPA 200.7	**Potassium**	0.87	mg/L	0.50	0.08		W306009	AS	02/06/13 13:33	
EPA 200.7	**Sodium**	2.59	mg/L	0.50	0.06		W306009	AS	02/06/13 13:33	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	10.0	mg/L	1.0			W306132	DKS	02/06/13 14:14	
SM 2320B/2310B	Carbonate	< 1.0	mg/L	1.0			W306132	DKS	02/06/13 14:14	
SM 2320B/2310B	**Total Alkalinity**	10.0	mg/L	1.0			W306132	DKS	02/06/13 14:14	
Anions by Ion Chromatography										
EPA 300.0	**Chloride**	1.02	mg/L	0.20	0.04		W306230	AEW	02/07/13 12:48	
EPA 300.0	**Sulfate as SO4**	0.85	mg/L	0.30	0.07		W306230	AEW	02/07/13 12:48	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W306009	06-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W306009	06-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W306009	06-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W306009	06-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W306019	12-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L	<1.0		1.0	W306132	06-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	<1.0		1.0	W306132	06-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0		1.0	W306132	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W306173	06-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W306230	07-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.8	20.0	99.0	85 - 115	W306009	06-Feb-13	
EPA 200.7	Magnesium	mg/L	20.1	20.0	100	85 - 115	W306009	06-Feb-13	
EPA 200.7	Potassium	mg/L	20.2	20.0	101	85 - 115	W306009	06-Feb-13	
EPA 200.7	Sodium	mg/L	18.1	19.0	95.5	85 - 115	W306009	06-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0255	0.0250	102	85 - 115	W306019	12-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	96.2	97.2	99.0	85 - 115	W306132	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	34.8	34.3	101	80 - 120	W306173	06-Feb-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.79	3.00	93.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.80	4.00	95.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	9.88	10.0	98.8	90 - 110	W306230	07-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	5.31	5.27	0.7	20	W306009	06-Feb-13	
EPA 200.7	Magnesium	mg/L	1.65	1.64	0.4	20	W306009	06-Feb-13	
EPA 200.7	Potassium	mg/L	0.70	0.70	0.2	20	W306009	06-Feb-13	
EPA 200.7	Sodium	mg/L	1.64	1.64	0.5	20	W306009	06-Feb-13	
EPA 200.8	Arsenic	mg/L	0.147	0.144	2.1	20	W306019	12-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L	269	271	0.7	20	W306132	06-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L	269	271	0.7	20	W306132	06-Feb-13	
SM 2320B/2310B	Carbonate	mg/L	<1.0	<1.0	UDL	20	W306132	06-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0017**
Reported: 13-Feb-13 09:09

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	24.9	5.27	20.0	98.2	70 - 130	W306009	06-Feb-13	
EPA 200.7	Calcium	mg/L	84.1	65.4	20.0	93.4	70 - 130	W306009	06-Feb-13	
EPA 200.7	Magnesium	mg/L	22.0	1.64	20.0	102	70 - 130	W306009	06-Feb-13	
EPA 200.7	Magnesium	mg/L	26.8	6.70	20.0	101	70 - 130	W306009	06-Feb-13	
EPA 200.7	Potassium	mg/L	21.2	0.70	20.0	102	70 - 130	W306009	06-Feb-13	
EPA 200.7	Potassium	mg/L	23.8	2.92	20.0	105	70 - 130	W306009	06-Feb-13	
EPA 200.7	Sodium	mg/L	20.1	1.64	19.0	97.0	70 - 130	W306009	06-Feb-13	
EPA 200.7	Sodium	mg/L	28.9	9.93	19.0	99.6	70 - 130	W306009	06-Feb-13	
EPA 200.8	Arsenic	mg/L	0.171	0.144	0.0250	107	70 - 130	W306019	12-Feb-13	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	58.3	<1.00	50.0	116	75 - 125	W306173	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	1.17	3.00	95.6	90 - 110	W306230	07-Feb-13	
EPA 300.0	Chloride	mg/L	7.21	4.18	3.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.06	<0.10	4.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.94	<0.10	4.00	98.5	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.0	10.2	10.0	108	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	14.8	4.43	10.0	104	90 - 110	W306230	07-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	55.7	58.3	50.0	4.6	20	W306173	06-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	4.04	3.00	0.1	20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.08	4.06	4.00	0.4	20	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.2	21.0	10.0	1.1	20	W306230	07-Feb-13	

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

Page 1 of 1

W380017
FOR SVL USE ONLY
SVL JOB #

TEMP ON RECEIPT: 3°C

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. -- Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection			Misc.		Preservative(s)							Analyses Required								Comments
		Date	Time	Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Ca, Na, Mg, K	HCO3, Cl, SO4	Br, As	TOC					Standard TAT
1.	FSP#9	02/01/13	9:25	GS	2	4	1		1		2			x	x	x	x					
2.	LPDO	02/01/13	9:55	GS	2	4	1		1		2			x	x							
3.	LSPT	02/01/13	11:00	GS	2	4	1		1		2			x	x							
4.	LTWN	02/01/13	11:35	GS	2	4	1		1		2			x	x							
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

Relinquished by: Gary Stevens	Date: 02/01/2013	Time: 1219	Received by: R. Johnson	Date: 02/01/13	Time: 1219
Relinquished by:	Date: 02/04/13	Time: 0940	Received by:	Date: 2/4/13	Time: 9:40

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 02/01/13 By: CJohnson RPA Groundwater Investigation

SVL Work No: W3B0017 Rathdrum Prairie Ground Water Investigation

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ COA Gary Stevens
2	Date and time of receipt at lab	✓				02-01-13 1219
3	Received by	✓				P. Johnson
4	Temperature blank or cooler temperature	✓				Temp. 3 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				Cool pre-preo HCl VOAs used by client. HNO3 HDPE preo by client
12	Did an SVL employee preserve sample(s) upon receipt	✓				No
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				KLG- Ca, Na, Mg, K, HCO3, Cl, SO4 (4 samples) Br, As, TDC (1 sample)
18	Shipper's air bill	✓				

V- Verified. VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill: Sandy Maitland Kootenai County Board of Commissioners

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0044**
Reported: 18-Feb-13 11:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
ALPWS	W3B0044-01	Ground Water	04-Feb-13 10:15	GS	04-Feb-2013
RAES	W3B0044-02	Ground Water	04-Feb-13 13:15	GS	04-Feb-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0044**
Reported: 18-Feb-13 11:36

Client Sample ID: **ALPWS**
SVL Sample ID: **W3B0044-01 (Ground Water)**

Sampled: 04-Feb-13 10:15
Received: 04-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	41.5	mg/L	0.040	0.006		W306204	TJK	02/14/13 11:35	
EPA 200.7	**Magnesium**	8.98	mg/L	0.060	0.011		W306204	TJK	02/14/13 11:35	
EPA 200.7	**Potassium**	2.45	mg/L	0.50	0.08		W306204	TJK	02/14/13 11:35	
EPA 200.7	**Sodium**	2.62	mg/L	0.50	0.06		W306204	TJK	02/14/13 11:35	
EPA 200.8	**Arsenic**	0.0031	mg/L	0.0030	0.0003	2.5	W306178	KWH	02/14/13 08:40	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	140	mg/L as CaCO3	1.0			W306132	DKS	02/06/13 15:29	
SM 2320B/2310B	Carbonate	< 1.0	mg/L as CaCO3	1.0			W306132	DKS	02/06/13 15:29	
SM 2320B/2310B	**Total Alkalinity**	140	mg/L as CaCO3	1.0			W306132	DKS	02/06/13 15:29	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306294	SM	02/08/13 15:36	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 15:01	
EPA 300.0	**Chloride**	4.18	mg/L	0.20	0.04		W306230	AEW	02/07/13 15:01	
EPA 300.0	**Sulfate as SO4**	4.43	mg/L	0.30	0.07		W306230	AEW	02/07/13 15:01	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0044**
Reported: 18-Feb-13 11:36

Client Sample ID: **RAES**
SVL Sample ID: **W3B0044-02 (Ground Water)**

Sampled: 04-Feb-13 13:15
Received: 04-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	36.8	mg/L	0.040	0.006		W306204	TJK	02/14/13 12:42	
EPA 200.7	**Magnesium**	21.3	mg/L	0.060	0.011		W306204	TJK	02/14/13 12:42	
EPA 200.7	**Potassium**	1.98	mg/L	0.50	0.08		W306204	TJK	02/14/13 12:42	
EPA 200.7	**Sodium**	2.49	mg/L	0.50	0.06		W306204	TJK	02/14/13 12:42	
EPA 200.8	**Arsenic**	0.0037	mg/L	0.0030	0.0003	2.5	W306178	KWH	02/14/13 08:45	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	179	mg/L as CaCO3	1.0			W306132	DKS	02/06/13 15:34	
SM 2320B/2310B	Carbonate	< 1.0	mg/L as CaCO3	1.0			W306132	DKS	02/06/13 15:34	
SM 2320B/2310B	**Total Alkalinity**	179	mg/L as CaCO3	1.0			W306132	DKS	02/06/13 15:34	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W306294	SM	02/08/13 16:10	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 15:47	
EPA 300.0	**Chloride**	3.16	mg/L	0.20	0.04		W306230	AEW	02/07/13 15:47	
EPA 300.0	**Sulfate as SO4**	8.66	mg/L	0.30	0.07		W306230	AEW	02/07/13 15:47	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0044**
Reported: 18-Feb-13 11:36

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W306178	14-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	W306132	06-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	W306132	06-Feb-13	
SM 2320B/2310B	Carbonate	mg/L as CaCO3	<1.0		1.0	W306132	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W306294	08-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W306230	07-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.3	20.0	96.5	85 - 115	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	19.5	20.0	97.7	85 - 115	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	20.4	20.0	102	85 - 115	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	19.5	19.0	103	85 - 115	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0249	0.0250	99.7	85 - 115	W306178	14-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	96.2	97.2	99.0	85 - 115	W306132	06-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	36.0	34.3	105	80 - 120	W306294	08-Feb-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.79	3.00	93.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.80	4.00	95.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	9.88	10.0	98.8	90 - 110	W306230	07-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	36.5	37.7	3.1	20	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	14.9	15.3	2.2	20	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	1.55	1.59	2.5	20	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	5.11	5.27	3.0	20	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0031	0.0031	1.8	20	W306178	14-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	269	271	0.7	20	W306132	06-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L as CaCO3	269	271	0.7	20	W306132	06-Feb-13	
SM 2320B/2310B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	W306132	06-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0044**
Reported: 18-Feb-13 11:36

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	55.4	37.7	20.0	88.4	70 - 130	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	35.9	15.3	20.0	103	70 - 130	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	23.6	1.59	20.0	110	70 - 130	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	26.5	5.27	19.0	112	70 - 130	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0281	0.0031	0.0250	100	70 - 130	W306178	14-Feb-13	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	52.2	<1.00	50.0	103	75 - 125	W306294	08-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	1.17	3.00	95.6	90 - 110	W306230	07-Feb-13	
EPA 300.0	Chloride	mg/L	7.21	4.18	3.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.06	<0.10	4.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.94	<0.10	4.00	98.5	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.0	10.2	10.0	108	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	14.8	4.43	10.0	104	90 - 110	W306230	07-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	51.2	52.2	50.0	2.0	20	W306294	08-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	4.04	3.00	0.1	20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.08	4.06	4.00	0.4	20	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.2	21.0	10.0	1.1	20	W306230	07-Feb-13	

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

W380044

CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 5°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature: [signature]

Indicate state of sample origination: State: ID USACE? No

	Sample ID	Collection: Date	Collection: Time	Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Analyses Required: Ca, Na, Mg, K	HCO3, Cl, SO4	Br, As	TOC					Comments: Standard TAT
1.	ALPWS	02/04/13	10:15	GS	2	4	1		1		2			x	x	x	x					
2.	RAES	02/04/13	13:15	GS	2	4	1		1		2			x	x	x	x					
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

Relinquished by: Gary Stevens [signature]	Date: 02/04/2013	Time: 1350	Received by: [signature]	Date: 02/04/13	Time: 1350
Relinquished by: P. Johnson	Date: 2-5-13	Time: 0800	Received by: [signature]	Date: 02/05/13	Time: 8:00

[signature] 2/5/13 8:45

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 02/04/13 By: Johann GW used as DW

SVL Work No: W3B0044 RPA Ground Water Investigation

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ COA Gary Stevens
2	Date and time of receipt at lab	✓				02/04/13 @ 1350
3	Received by	✓				Johann
4	Temperature blank or cooler temperature	✓				Temp. 5 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				HNO_3 samples pres by client pre-mes H_2SO_4 VOAs used for TOC
12	Did an SVL employee preserve sample(s) upon receipt	✓				NO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Ca, Na, Mg, K, As. HCO_3, Cl, SO_4, Br TOC
18	Shipper's air bill	✓				

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: GW used ~~of~~ as DW Bill Sandy Maitland Koot. Co. Board of Commissioners.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0069**
Reported: 15-Feb-13 12:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
HVWS	W3B0069-01	Ground Water	05-Feb-13 08:10	GS	05-Feb-2013
BTRE	W3B0069-02	Ground Water	05-Feb-13 09:05	GS	05-Feb-2013
DIBE	W3B0069-03	Ground Water	05-Feb-13 15:05	GS	05-Feb-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0069**
Reported: 15-Feb-13 12:49

Client Sample ID: **HVWS**
SVL Sample ID: **W3B0069-01 (Ground Water)**

Sampled: 05-Feb-13 08:10
Received: 05-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	33.8	mg/L	0.040	0.006		W306204	TJK	02/14/13 12:48	
EPA 200.7	**Magnesium**	22.0	mg/L	0.060	0.011		W306204	TJK	02/14/13 12:48	
EPA 200.7	**Potassium**	2.26	mg/L	0.50	0.08		W306204	TJK	02/14/13 12:48	
EPA 200.7	**Sodium**	3.00	mg/L	0.50	0.06		W306204	TJK	02/14/13 12:48	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W306178	KWH	02/14/13 08:46	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	165	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:28	
SM 2320B/2310B	Carbonate	< 1.0	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:28	
SM 2320B/2310B	**Total Alkalinity**	165	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:28	
SM 5310B	**Total Organic Carbon**	1.11	mg/L	1.00	0.20		W307215	SM	02/14/13 15:52	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 17:43	
EPA 300.0	**Chloride**	1.78	mg/L	0.20	0.04		W306230	AEW	02/07/13 17:43	
EPA 300.0	**Sulfate as SO4**	20.3	mg/L	0.30	0.07		W306230	AEW	02/07/13 17:43	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.69 meq/L Anion Sum: 3.77 meq/L C/A Balance: -1.13 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0069**
Reported: 15-Feb-13 12:49

Client Sample ID: **BTRE**
SVL Sample ID: **W3B0069-02 (Ground Water)**

Sampled: 05-Feb-13 09:05
Received: 05-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.0	mg/L	0.040	0.006		W306204	TJK	02/14/13 12:54	
EPA 200.7	**Magnesium**	11.5	mg/L	0.060	0.011		W306204	TJK	02/14/13 12:54	
EPA 200.7	**Potassium**	1.93	mg/L	0.50	0.08		W306204	TJK	02/14/13 12:54	
EPA 200.7	**Sodium**	2.91	mg/L	0.50	0.06		W306204	TJK	02/14/13 12:54	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W306178	KWH	02/14/13 08:48	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	134	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:33	
SM 2320B/2310B	Carbonate	< 1.0	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:33	
SM 2320B/2310B	**Total Alkalinity**	134	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:33	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W307215	SM	02/14/13 16:02	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 17:52	
EPA 300.0	**Chloride**	1.99	mg/L	0.20	0.04		W306230	AEW	02/07/13 17:52	
EPA 300.0	**Sulfate as SO4**	4.57	mg/L	0.30	0.07		W306230	AEW	02/07/13 17:52	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 2.67 meq/L Anion Sum: 2.83 meq/L C/A Balance: -2.90 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0069**
Reported: 15-Feb-13 12:49

Client Sample ID: **DIBE**
SVL Sample ID: **W3B0069-03 (Ground Water)**

Sampled: 05-Feb-13 15:05
Received: 05-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	32.4	mg/L	0.040	0.006		W306204	TJK	02/14/13 13:00	
EPA 200.7	**Magnesium**	23.8	mg/L	0.060	0.011		W306204	TJK	02/14/13 13:00	
EPA 200.7	**Potassium**	2.43	mg/L	0.50	0.08		W306204	TJK	02/14/13 13:00	
EPA 200.7	**Sodium**	2.83	mg/L	0.50	0.06		W306204	TJK	02/14/13 13:00	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W306178	KWH	02/14/13 08:49	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	174	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:38	
SM 2320B/2310B	Carbonate	< 1.0	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:38	
SM 2320B/2310B	**Total Alkalinity**	174	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:38	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W307215	SM	02/14/13 16:37	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 18:01	
EPA 300.0	**Chloride**	1.62	mg/L	0.20	0.04		W306230	AEW	02/07/13 18:01	
EPA 300.0	**Sulfate as SO4**	18.7	mg/L	0.30	0.07		W306230	AEW	02/07/13 18:01	
Cation/Anion Balance and TDS Ratios										

Cation Sum: 3.76 meq/L Anion Sum: 3.91 meq/L C/A Balance: -1.96 %

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0069**
Reported: 15-Feb-13 12:49

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W306178	14-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	W306276	13-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	W306276	13-Feb-13	
SM 2320B/2310B	Carbonate	mg/L as CaCO3	<1.0		1.0	W306276	13-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W307215	14-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W306230	07-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	19.3	20.0	96.5	85 - 115	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	19.5	20.0	97.7	85 - 115	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	20.4	20.0	102	85 - 115	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	19.5	19.0	103	85 - 115	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0249	0.0250	99.7	85 - 115	W306178	14-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	95.5	97.2	98.2	85 - 115	W306276	13-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	39.0	34.3	114	80 - 120	W307215	14-Feb-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.79	3.00	93.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.80	4.00	95.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	9.88	10.0	98.8	90 - 110	W306230	07-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	36.5	37.7	3.1	20	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	14.9	15.3	2.2	20	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	1.55	1.59	2.5	20	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	5.11	5.27	3.0	20	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0031	0.0031	1.8	20	W306178	14-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	164	165	0.6	20	W306276	13-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L as CaCO3	164	165	0.6	20	W306276	13-Feb-13	
SM 2320B/2310B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	W306276	13-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0069**
Reported: 15-Feb-13 12:49

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	55.4	37.7	20.0	88.4	70 - 130	W306204	14-Feb-13	
EPA 200.7	Magnesium	mg/L	35.9	15.3	20.0	103	70 - 130	W306204	14-Feb-13	
EPA 200.7	Potassium	mg/L	23.6	1.59	20.0	110	70 - 130	W306204	14-Feb-13	
EPA 200.7	Sodium	mg/L	26.5	5.27	19.0	112	70 - 130	W306204	14-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0281	0.0031	0.0250	100	70 - 130	W306178	14-Feb-13	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	57.4	<1.00	50.0	113	75 - 125	W307215	14-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	1.17	3.00	95.6	90 - 110	W306230	07-Feb-13	
EPA 300.0	Chloride	mg/L	7.21	4.18	3.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.06	<0.10	4.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.94	<0.10	4.00	98.5	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.0	10.2	10.0	108	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	14.8	4.43	10.0	104	90 - 110	W306230	07-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	56.5	57.4	50.0	1.7	20	W307215	14-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	4.04	3.00	0.1	20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.08	4.06	4.00	0.4	20	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.2	21.0	10.0	1.1	20	W306230	07-Feb-13	

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

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Page 1 of 1

W3B0069
FOR SVL USE ONLY
SVL JOB #

TEMP ON RECEIPT: 2°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection: Date	Collection: Time	Collection: Collected by: (Init.)	Misc.: Matrix Type (From Table 1)	Misc.: No. of Containers	Preservative(s): Unpreserved	Preservative(s): HNO3 Filtered	Preservative(s): HNO3 Unfiltered	Preservative(s): HCl	Preservative(s): H2SO4	Preservative(s): NaOH	Preservative(s): Other (Specify)	Analyses Required: Ca, Na, Mg, K	Analyses Required: HCO3, Cl, SO4	Analyses Required: Br, As	Analyses Required: TOC	Comments: Standard TAT
1.	HVWS	02/05/13	8:10	GS	2	4	1		1		2			x	x	x	x	
2.	BTRE	02/05/13	9:05	GS	2	4	1		1		2			x	x	x	x	
3.	DIBE	02/05/13	15:05	GS	2	4	1		1		2			x	x	x	x	
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

Relinquished by: Gary Stevens	Date: 02/05/2013	Time: 1540	Received by:	Date: 02/05/13	Time: 1540
Relinquished by:	Date: 02/06/13	Time: 816	Received by:	Date: 02/06/13	Time: 816
				2/6/13	9:00

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 02/05/13 By: Jjohann

SVL Work No: W3B0069 GW (Used as DW)

Item	Description	V	VC	NV	NA	Comments RDA Ground Water ~~Investigation~~
1	Client or project name	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				02/05/13 1540
3	Received by	✓				Jjohann
4	Temperature blank or cooler temperature	✓				Temp. 2 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				Coal HNO_3 pres hg client for metals Pre-pres H_2SO_4 VOAs for TOC
12	Did an SVL employee preserve sample(s) upon receipt	✓				WO
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				Kellogg: Ca, Na, Mg, K, As HCO_3, Cl, SO_4, Br TOC
18	Shipper's air bill	✓				

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Maitland Kootenai Co Board of Commissioners

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0103**
Reported: 18-Feb-13 10:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
HWY54	W3B0103-01	Ground Water	06-Feb-13 15:35	GS	06-Feb-2013

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.
This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.
The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0103**
Reported: 18-Feb-13 10:35

Client Sample ID: **HWY54**
SVL Sample ID: **W3B0103-01 (Ground Water)**

Sampled: 06-Feb-13 15:35
Received: 06-Feb-13
Sampled By: GS

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	**Calcium**	31.1	mg/L	0.040	0.006		W306250	DT	02/15/13 11:14	
EPA 200.7	**Magnesium**	12.2	mg/L	0.060	0.011		W306250	DT	02/15/13 11:14	
EPA 200.7	**Potassium**	1.49	mg/L	0.50	0.08		W306250	DT	02/15/13 11:14	
EPA 200.7	**Sodium**	3.33	mg/L	0.50	0.06		W306250	DT	02/15/13 11:14	
EPA 200.8	Arsenic	< 0.0030	mg/L	0.0030	0.0003	2.5	W306178	KWH	02/14/13 08:52	
Classical Chemistry Parameters										
SM 2320B/2310B	**Bicarbonate**	133	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:44	
SM 2320B/2310B	Carbonate	< 1.0	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:44	
SM 2320B/2310B	**Total Alkalinity**	133	mg/L as CaCO3	1.0			W306276	DKS	02/13/13 12:44	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.20		W307215	SM	02/14/13 16:58	
Anions by Ion Chromatography										
EPA 300.0	Bromide	< 0.10	mg/L	0.10	0.03		W306230	AEW	02/07/13 18:09	
EPA 300.0	**Chloride**	1.38	mg/L	0.20	0.04		W306230	AEW	02/07/13 18:09	
EPA 300.0	**Sulfate as SO4**	11.6	mg/L	0.30	0.07		W306230	AEW	02/07/13 18:09	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director

One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0103**
Reported: 18-Feb-13 10:35

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)								
EPA 200.7	Calcium	mg/L	<0.040	0.006	0.040	W306250	15-Feb-13	
EPA 200.7	Magnesium	mg/L	<0.060	0.011	0.060	W306250	15-Feb-13	
EPA 200.7	Potassium	mg/L	<0.50	0.08	0.50	W306250	15-Feb-13	
EPA 200.7	Sodium	mg/L	<0.50	0.06	0.50	W306250	15-Feb-13	
EPA 200.8	Arsenic	mg/L	<0.0030	0.0003	0.0030	W306178	14-Feb-13	
Classical Chemistry Parameters								
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	W306276	13-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	W306276	13-Feb-13	
SM 2320B/2310B	Carbonate	mg/L as CaCO3	<1.0		1.0	W306276	13-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.20	1.00	W307215	14-Feb-13	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.04	0.20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	<0.10	0.03	0.10	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.07	0.30	W306230	07-Feb-13	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	18.4	20.0	92.2	85 - 115	W306250	15-Feb-13	
EPA 200.7	Magnesium	mg/L	18.5	20.0	92.5	85 - 115	W306250	15-Feb-13	
EPA 200.7	Potassium	mg/L	19.6	20.0	97.8	85 - 115	W306250	15-Feb-13	
EPA 200.7	Sodium	mg/L	19.6	19.0	103	85 - 115	W306250	15-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0249	0.0250	99.7	85 - 115	W306178	14-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	95.5	97.2	98.2	85 - 115	W306276	13-Feb-13	
SM 5310B	Total Organic Carbon	mg/L	39.0	34.3	114	80 - 120	W307215	14-Feb-13	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.79	3.00	93.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.80	4.00	95.0	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	9.88	10.0	98.8	90 - 110	W306230	07-Feb-13	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)									
EPA 200.7	Calcium	mg/L	57.0	56.8	0.4	20	W306250	15-Feb-13	
EPA 200.7	Magnesium	mg/L	36.3	35.8	1.5	20	W306250	15-Feb-13	
EPA 200.7	Potassium	mg/L	1.05	1.04	1.5	20	W306250	15-Feb-13	
EPA 200.7	Sodium	mg/L	3.14	3.12	0.9	20	W306250	15-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0031	0.0031	1.8	20	W306178	14-Feb-13	
Classical Chemistry Parameters									
SM 2320B/2310B	Total Alkalinity	mg/L as CaCO3	164	165	0.6	20	W306276	13-Feb-13	
SM 2320B/2310B	Bicarbonate	mg/L as CaCO3	164	165	0.6	20	W306276	13-Feb-13	
SM 2320B/2310B	Carbonate	mg/L as CaCO3	<1.0	<1.0	UDL	20	W306276	13-Feb-13	

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IDEQ Coeur d'Alene Regional Office
2110 N. Ironwood Pkwy.
Coeur d'Alene, ID 83814

Project Name: RPA Ground Water Investigation
Work Order: **W3B0103**
Reported: 18-Feb-13 10:35

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	mg/L	79.6	56.8	20.0	114	70 - 130	W306250	15-Feb-13	
EPA 200.7	Calcium	mg/L	33.8	15.3	20.0	92.5	70 - 130	W306250	15-Feb-13	
EPA 200.7	Magnesium	mg/L	54.7	35.8	20.0	94.5	70 - 130	W306250	15-Feb-13	
EPA 200.7	Magnesium	mg/L	23.0	4.46	20.0	92.7	70 - 130	W306250	15-Feb-13	
EPA 200.7	Potassium	mg/L	21.4	1.04	20.0	102	70 - 130	W306250	15-Feb-13	
EPA 200.7	Potassium	mg/L	20.6	0.91	20.0	98.5	70 - 130	W306250	15-Feb-13	
EPA 200.7	Sodium	mg/L	23.5	3.12	19.0	107	70 - 130	W306250	15-Feb-13	
EPA 200.7	Sodium	mg/L	35.1	15.0	19.0	106	70 - 130	W306250	15-Feb-13	
EPA 200.8	Arsenic	mg/L	0.0281	0.0031	0.0250	100	70 - 130	W306178	14-Feb-13	
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	57.4	<1.00	50.0	113	75 - 125	W307215	14-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	1.17	3.00	95.6	90 - 110	W306230	07-Feb-13	
EPA 300.0	Chloride	mg/L	7.21	4.18	3.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.06	<0.10	4.00	101	90 - 110	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	3.94	<0.10	4.00	98.5	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.0	10.2	10.0	108	90 - 110	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	14.8	4.43	10.0	104	90 - 110	W306230	07-Feb-13	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Classical Chemistry Parameters										
SM 5310B	Total Organic Carbon	mg/L	56.5	57.4	50.0	1.7	20	W307215	14-Feb-13	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	4.04	4.04	3.00	0.1	20	W306230	07-Feb-13	
EPA 300.0	Bromide	mg/L	4.08	4.06	4.00	0.4	20	W306230	07-Feb-13	
EPA 300.0	Sulfate as SO4	mg/L	21.2	21.0	10.0	1.1	20	W306230	07-Feb-13	

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Page 1 of 1

W3B0103

FOR SVL USE ONLY

SVL JOB #

TEMP ON RECEIPT: 6°C

Report to Company:
Contact: Gary Stevens
Address: 2110 Ironwood Prky
Coeur d'Alene, ID 83854
Phone Number: (208) 666-4627
FAX Number: (208) 667-5129
E-mail gary.stevens@deq.idaho.gov

Invoice Sent To:
Name: Sandy Maitland
Address: Kootenai County Board of Commissioners
451 Governmnet Way
Coeur d'Alene, ID 83814
Phone Number: (208) 446-1603
FAX Number:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (specify)

PO#:
Project Name: Rathdrum Prairie Aquifer Ground Water Investigation
Samplers Signature:

Indicate state of sample origination: **State:** ID **USACE?** No

	Sample ID	Collection			Misc.		Preservative(s)							Analyses Required								Comments
		Date	Time	Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO3 Filtered	HNO3 Unfiltered	HCl	H2SO4	NaOH	Other (Specify)	Ca, Na, Mg, K	HCO3, Cl, SO4	Br, As	TOC					Standard TAT
1.	HWY54	02/06/13	15:35	GS	2	4	1		1		2			x	x	x	x					
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

Relinquished by: Gary Stevens	Date: 02/06/2013	Time: 16:20	Received by: P. Johnson	Date: 02/06/13	Time: 1620
Relinquished by:	Date: 02/07/13	Time: 8:10	Received by:	Date: 02/07/13	Time: 8:10

2/7/13 9:05

SVL-COC 8/05

SAMPLE RECEIPT/CHAIN-OF -CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 02/06/13 By: Johann

SVL Work No: W3B0103

Ground water Invest by RPA ~~Ground~~ ~~Bathdrom Prairie Ground Water Investigation~~

Item	Description	V	VC	NV	NA	Comments
1	Client or project name	✓				IDEQ CDA Gary Stevens
2	Date and time of receipt at lab	✓				02-06-13 1620
3	Received by	✓				P. Johnson
4	Temperature blank or cooler temperature	✓				Temp. 6 °C.
5	Were the sample(s) received on ice	✓				Y
6	Custody tape/bottle seals	✓				
7	Condition of samples upon receipt (leaking; bubbles in VOA vials	✓				
8	Sample numbers/IDs agree with COC	✓				
9	Sample date & time agree with COC	✓				Sample date illegible - Should be 02/06/13 per client
10	Number of containers for each sample	✓				
11	The correct preservative for the analysis requested	✓				Cool; HNO_3 HDPE preo by Client H_2SO_4 pre-preo VOAs used by client
12	Did an SVL employee preserve sample(s) upon receipt	✓				No
12	Type of container for each sample / volume received	✓				
13	Analysis requested for each sample	✓				
14	Sample matrix description	✓				
15	COC properly completed & legible	✓				
16	Corrections properly made (initials & date)	✓				
17	Additional comments or records of sample condition or treatment (unlisted or missing samples at laboratory, aliquot taken, sample hold, samples subcontracted, communications between client and laboratory)	✓				KLG - Na, Ca, Mg, K, As HCO_3, Cl, SO_4 TOC
18	Shipper's air bill	✓				Walk In.

V- Verified VC- Verified Corrections Made NV-Not Verified NA- Not Applicable

Additional Comments: Bill Sandy Maitland Kootenai County Board of Commissioners

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 130129035
Project Name: AQUIFER MONITORING
01-28-2013

Sample Number	130129035-001	**Sampling Date**	1/28/2013	**Date/Time Received**	1/29/2013 3:40 PM
Client Sample ID	129 (PF#6)	**Sampling Time**	8:30 AM		

Sample Number	130129035-001	**Sampling Date**	1/28/2013	**Date/Time Received**	1/29/2013 3:40 PM
Client Sample ID	129 (PF#6)	**Sampling Time**	8:30 AM		
Matrix	Drinking Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00154	mg/L	0.001	2/5/2013	JTT	EPA 200.8	
Chloride	12.2	mg/L	0.1	1/29/2013	JTT	EPA 300.0	
Calcium	24.8	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	86.5	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	5.95	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.736	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	1.24	mg/L	0.1	1/29/2013	JTT	EPA 300.0	
Sulfate	7.20	mg/L	0.1	1/29/2013	JTT	EPA 300.0	

Sample Number	130129035-006	**Sampling Date**	1/28/2013	**Date/Time Received**	1/29/2013 3:40 PM
Client Sample ID	113 (MVT#1)	**Sampling Time**	10:00 AM		
Matrix	Drinking Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00800	mg/L	0.001	2/5/2013	JTT	EPA 200.8	
Chloride	4.09	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Calcium	33.4	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	147	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	15.5	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0227	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	1.70	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Sulfate	10.7	mg/L	0.1	1/30/2013	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client:	PANHANDLE HEALTH DISTRICT	**Batch #:**	130129035
Address:	8500 N ATLAS HAYDEN, ID 83835	**Project Name:**	AQUIFER MONITORING 01-28-2013
Attn:	RICK BARLOW		

Analytical Results Report

Sample Number	130129035-007	**Sampling Date**	1/28/2013	**Date/Time Received**	1/29/2013 3:40 PM
Client Sample ID	112 (EGA#1)	**Sampling Time**	10:15 AM		
Matrix	Drinking Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0 00473	mg/L	0 001	2/5/2013	JTT	EPA 200 8	
Chloride	3.22	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Calcium	35.9	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	163	mg/L	1	2/6/2013	ETL	EPA 200 7	
Magnesium	17.9	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0232	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	1.47	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Sulfate	14.2	mg/L	0.1	1/30/2013	JTT	EPA 300.0	

Sample Number	130129035-008	**Sampling Date**	1/28/2013	**Date/Time Received**	1/29/2013 3:40 PM
Client Sample ID	132 (HLWA#1)	**Sampling Time**	10:30 AM		
Matrix	Drinking Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00189	mg/L	0.001	2/5/2013	JTT	EPA 200.8	
Chloride	5.79	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Calcium	60.9	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	194	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	10.1	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	1.27	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Sulfate	5.37	mg/L	0.1	1/30/2013	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 130129035
Project Name: AQUIFER MONITORING
01-28-2013

Analytical Results Report

Sample Number 130129035-009 **Sampling Date** 1/28/2013 **Date/Time Received** 1/29/2013 3:40 PM
Client Sample ID 122 (RATH G) **Sampling Time** 12:15 PM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00138	mg/L	0.001	2/5/2013	JTT	EPA 200.8	
Chloride	5.98	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Calcium	30.5	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	109	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	7.99	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0541	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	1.51	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Sulfate	5.10	mg/L	0.1	1/30/2013	JTT	EPA 300.0	

Sample Number 130129035-011 **Sampling Date** 1/28/2013 **Date/Time Received** 1/29/2013 3:40 PM
Client Sample ID 131 (SL#4) **Sampling Time** 11:30 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00236	mg/L	0.001	2/5/2013	JTT	EPA 200.8	
Chloride	0.736	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Calcium	15.3	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	52.5	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	3.47	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	0.361	mg/L	0.1	1/30/2013	JTT	EPA 300.0	
Sulfate	2.98	mg/L	0.1	1/30/2013	JTT	EPA 300.0	

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 130130033
Project Name: AQUIFER MONITORING 01-29-2013

Analytical Results Report

Sample Number 130130033-002 **Sampling Date** 1/29/2013 **Date/Time Received** 1/29/2013 1:12 PM
Client Sample ID 99 (C4SW) **Sampling Time** 7:20 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00265	mg/L	0.001	2/6/2013	JTT	EPA 200.8	
Chloride	4.50	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Calcium	26.0	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	109	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	10.6	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0196	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	0.648	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Sulfate	6.77	mg/L	0.1	1/31/2013	JTT	EPA 300.0	

Sample Number 130130033-003 **Sampling Date** 1/29/2013 **Date/Time Received** 1/29/2013 1:12 PM
Client Sample ID 130 (CHOW) **Sampling Time** 7:50 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00293	mg/L	0.001	2/6/2013	JTT	EPA 200.8	
Chloride	4.68	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Calcium	31.0	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	141	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	15.5	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0236	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	0.792	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Sulfate	8.84	mg/L	0.1	1/31/2013	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 130130033
Project Name: AQUIFER MONITORING
01-29-2013

Analytical Results Report

Sample Number 130130033-004 **Sampling Date** 1/29/2013 **Date/Time Received** 1/29/2013 1:12 PM
Client Sample ID 117 (USGS Nur) **Sampling Time** 9:10 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	ND	mg/L	0.001	2/6/2013	JTT	EPA 200.8	
Chloride	7.36	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Calcium	35.5	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	120	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	7.62	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0158	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	0.636	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Sulfate	6.85	mg/L	0.1	1/31/2013	JTT	EPA 300.0	

Sample Number 130130033-005 **Sampling Date** 1/29/2013 **Date/Time Received** 1/29/2013 1:12 PM
Client Sample ID 125 (LAAW) **Sampling Time** 9:40 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00123	mg/L	0.001	2/6/2013	JTT	EPA 200.8	
Chloride	2.36	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Calcium	27.6	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	105	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	8.76	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	ND	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	0.573	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Sulfate	4.03	mg/L	0.1	1/31/2013	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

Anatek Labs, Inc.

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Client: PANHANDLE HEALTH DISTRICT
Address: 8500 N ATLAS
HAYDEN, ID 83835
Attn: RICK BARLOW

Batch #: 130130033
Project Name: AQUIFER MONITORING 01-29-2013

Analytical Results Report

Sample Number 130130033-007 **Sampling Date** 1/29/2013 **Date/Time Received** 1/29/2013 1:12 PM
Client Sample ID 119 (ATH2) **Sampling Time** 11:00 AM
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	0.00248	mg/L	0.001	2/6/2013	JTT	EPA 200.8	
Chloride	5.68	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Calcium	37.0	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Hardness	161	mg/L	1	2/6/2013	ETL	EPA 200.7	
Magnesium	16.6	mg/L	0.1	2/6/2013	ETL	EPA 200.7	
Iron	0.0636	mg/L	0.01	2/6/2013	ETL	EPA 200.7	
NO3/N	1.78	mg/L	0.1	1/31/2013	JTT	EPA 300.0	
Sulfate	15.6	mg/L	0.1	1/31/2013	JTT	EPA 300.0	

Excerpts from original analytical results reports with addition of well names

Boise State University
2H & 18O
January 2012 Analytical results

Sample Name	Delta D	Delta D StDev	Delta 18O	Delta 18O StDev
FSP #9 2-1-Avg	-117.56	0.5956	-16.06	0.0494
LPDO 2-1-Avg	-119.42	0.7833	-16.24	0.0924
LSPT 2-1-Avg	-106.67	0.8946	-14.16	0.1243
LTWN 2-1-Avg	-107.62	0.4384	-14.81	0.0640
ALPWS 2-4-Avg	-110.40	0.4815	-15.42	0.0756
RAES 2-4-Avg	-110.39	0.4103	-15.51	0.1130
BTRE 2-5-Avg	-110.85	0.5925	-15.23	0.0549
DIBE 2-5-Avg	-112.83	0.7350	-15.60	0.0280
HVWS 2-5-Avg	-115.14	0.4499	-15.65	0.0899
HWY 54 2-6-Avg	-122.33	0.4170	-16.17	0.0640
DUP #1 1-28-Avg	-106.20	2.1972	-14.22	0.3322
EGA #1 1-28 REP-Avg	-107.42	0.5635	-14.68	0.0722
EGA #1 1-28-Avg	-108.34	0.2357	-14.63	0.0715
HLWA #1 1-28-Avg	-109.46	0.8701	-14.08	0.1230
MUT#1 1-28-Avg	-109.31	0.5995	-14.63	0.0773
PF #6 1-28-Avg	-108.13	0.8587	-14.75	0.0213
PF#9 1-28-Avg	-111.24	1.0359	-14.98	0.1426
PFSP 1-28-Avg	-111.32	0.4164	-14.32	0.1094
RATHG 1-28-Avg	-106.03	0.1893	-14.07	0.0608
SL #4 1-28-Avg	-100.85	1.1151	-14.75	0.0690
ATH2 1-29-Avg	-117.98	0.9052	-15.82	0.0788
C4SW 1-29 REP-Avg	-108.74	0.8307	-14.93	0.1143
C4SW 1-29-Avg	-110.03	0.8787	-14.55	0.0179
CAAW 1-29-Avg	-94.02	0.3424	-12.28	0.0921
CHOW 1-29-Avg	-110.38	0.6496	-14.91	0.0310
CLAW 1-29-Avg	-108.05	0.7535	-14.39	0.0234
dUP #2 1-29 REP-Avg	-117.91	0.8377	-15.93	0.0396
DUP #2 1-29-Avg	-120.07	0.5279	-15.87	0.0550
USFS NUN 1-29-Avg	-109.57	2.7798	-14.69	0.3807
CHSA 1-30-Avg	-111.24	0.2672	-15.49	0.0702
DUP #3 1-30-Avg	-107.91	0.5755	-15.91	0.1371
EASA 1-30-Avg	-105.41	0.6728	-14.22	0.0603
HAY #2 1-30 REP-Avg	-95.73	1.0815	-12.23	0.1464
HAY #2 1-30-Avg	-96.28	1.1314	-12.33	0.0643
MDLA 1-30-Avg	-115.35	0.6271	-15.20	0.0642
OHMA 1-30-Avg	-109.58	0.3105	-15.12	0.0342
TLWS 1-30 REP-Avg	-108.42	0.2533	-14.52	0.0955
TLWS 1-30-Avg	-104.78	0.4243	-14.44	0.1359
LCDA 1-31 REP-Avg	-110.36	0.4684	-14.86	0.0938
LCDA 1-31-Avg	-110.85	0.5242	-14.93	0.0629
LHAY 1-31-Avg	-93.81	0.4221	-12.21	0.0380
LHSR 1-31-Avg	-108.26	0.5080	-14.12	0.0819

	6 injections per sample		*n = 3*		6 injections per sample		*n = 3*	
	δD	stdev	**Mean δD**	**StDev**	$\delta^{18}O$	stdev	**Mean $\delta^{18}O$**	**StDev**
Ragged MtnPrecip 12/14/12	-96.2404	1.100	**-96.25**	**0.24**	-13.3621	0.159	**-13.26**	**0.10**
RMP 2-Avg	-96.0089	0.962			-13.2682	0.081		
RMP 3-Avg	-96.4863	0.989			-13.1555	0.190		
AtlasPrecip 12/13/12	-90.936	1.104	**-92.08**	**1.00**	-13.4184	0.132	**-13.37**	**0.11**
AP2-Avg	-92.8183	0.943			-13.2494	0.052		
AP3-Avg	-92.4759	1.057			-13.4485	0.126		

Boise State University
2H & 18O Analytical Results
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	6 injections per sample		*n = 3*		6 injections per sample		*n = 3*	
	δD	stdev	**Mean δD**	**StDev**	$\delta^{18}O$	stdev	**Mean $\delta^{18}O$**	**StDev**
Ragged MtnPrecip 12/14/12	-96.2404	1.100	**-96.25**	**0.24**	-13.3621	0.159	**-13.26**	**0.10**
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