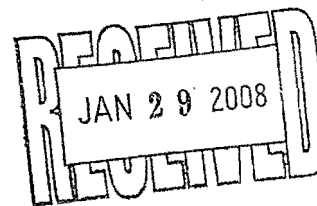


Name Umetco Minerals Corporation D/B/A Wilson Mine
 Address 2754 Compass Drive, Suite 280, Grand Junction, Colorado 81506-8741
 Facility Umetco Minerals Corporation
 Location Hot Springs

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095



Sampling Point: Indian Creek IC07-A **Sampling Date** 06-Dec-07

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	251	mg/L	0.2
Chloride	89	mg/L	1
Chromium	< 0.01	mg/L	0.01
Copper	0.0013	mg/L	0.0005
Field Conductivity	1581	umhos/s	0
Field pH	3.71	s.u.	0
Lead	< 0.0001	mg/L	0.0001
Magnesium	49.7	mg/L	0.2
Nickel	0.0572	mg/L	0.0006
Sulfate	670	mg/L	10
Temperature	9.2	°C	0
Total Dissolved Solids	1220	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.14	mg/L	0.01

Sampling Point: Wilson Creek WILL **Sampling Date** 06-Dec-07

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	125	mg/L	0.2
Chloride	56	mg/L	1
Chromium	< 0.01	mg/L	0.01
Copper	0.0014	mg/L	0.0005
Field Conductivity	760	umhos/s	0
Field pH	3.32	s.u.	0
Lead	< 0.0001	mg/L	0.0001
Magnesium	19.4	mg/L	0.2
Nickel	0.0136	mg/L	0.0006
Sulfate	280	mg/L	10
Temperature	8.9	°C	0
Total Dissolved Solids	530	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.07	mg/L	0.01

Sampling Point: Wilson Creek WILL **Sampling Date** 31-Dec-07

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	88.7	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0006	mg/L	0.0005
Field Conductivity	678	umhos/s	0
Field pH	6.41	s.u.	0
Lead	< 0.0001	mg/L	0.0001
Magnesium	14.2	mg/L	0.2
Nickel	0.0222	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	6.2	°C	0
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	14	mg/L	1
Zinc	0.03	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Indian Creek IC07-A Sampling Date 08-Jan-08

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Chloride	71	mg/L	1
Chromium	< 0.0001	mg/L	0.01
Copper	0.0014	mg/L	0.0005
Field Conductivity	1640	umhos/s	
Field pH	3.87	s.u.	
Lead	< 0.0001	mg/L	0.0001
Nickel	0.0495	mg/L	0.0006
Sulfate	530	mg/L	10
Temperature	8.6	°C	
Total Dissolved Solids	970	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.11	mg/L	0.01

Sampling Point: Wilson Creek WILL Sampling Date 08-Jan-08

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Chloride	17	mg/L	1
Chromium	< 0.0001	mg/L	0.01
Copper	0.0011	mg/L	0.0005
Field Conductivity	689	umhos/s	
Field pH	6.36	s.u.	
Lead	< 0.0001	mg/L	0.0001
Nickel	0.0227	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	8	°C	
Total Dissolved Solids	430	mg/L	10
Total Suspended Solids	2	mg/L	1
Zinc	0.05	mg/L	0.01

A second sample was collected at WILL on January 30, 2008.
 The results have not be received and will be submitted with next months results.

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Sampling Point: Wilson Creek WILL Sampling Date 30-Jan-08

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	90.8	mg/L	0.2
Cation-Anion Balance	0	percent	
Chloride	24	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0008	mg/L	0.0005
Field Conductivity	604	umhos/s	
Field pH	6.03	s.u.	
Hardness as CaCO3	289	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	15.1	mg/L	0.2
Nickel	0.0019	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	5	°C	
Total Dissolved Solids	440	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.04	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 20-Feb-08

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	141	mg/L	0.2
Chloride	43	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0008	mg/L	0.0005
Field Conductivity	1480	umhos/s	
Field pH	3.85	s.u.	
Hardness as CaCO3	472	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	29.0	mg/L	0.2
Nickel	0.0441	mg/L	0.0006
Sulfate	380	mg/L	10
Temperature	9.4	°C	
Total Dissolved Solids	720	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.14	mg/L	0.01

Sampling Point: Wilson Creek WILL Sampling Date 20-Feb-08

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	78.3	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0008	mg/L	0.0005
Field Conductivity	656	umhos/s	
Field pH	6.3	s.u.	
Hardness as CaCO3	252	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.6	mg/L	0.2
Nickel	0.0216	mg/L	0.0006
Sulfate	210	mg/L	10
Temperature	9.2	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.06	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 11-Mar-08

	Result	Units	DetectionLimit
Cadmium	0.0005	mg/L	0.0001
Chloride	11	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0013	mg/L	0.0005
Field Conductivity	374	umhos/s	
Field pH	5.49	s.u.	
Lead	0.0001	mg/L	0.0001
Nickel	0.02	mg/L	0.01
Sulfate	152	mg/L	5
Temperature	14.1	°C	
Total Dissolved Solids	280	mg/L	10
Total Suspended Solids	3	mg/L	1
Zinc	0.06	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 11-Mar-08

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Chloride	50	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0011	mg/L	0.0005
Field Conductivity	557	umhos/s	
Field pH	6.76	s.u.	
Lead	0.0001	mg/L	0.0001
Nickel	0.03	mg/L	0.01
Sulfate	370	mg/L	50
Temperature	13.3	°C	
Total Dissolved Solids	720	mg/L	10
Total Suspended Solids	< 1	mg/L	1
Zinc	0.09	mg/L	0.01

Name Umetco Minerals Corporation D/B/A Wilson Mine
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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

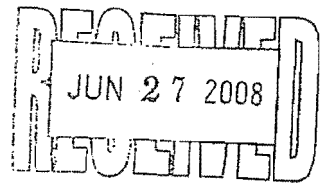
Sampling Point: Wilson Creek WILL Sampling Date 01-Apr-08

	Result	Units	DetectionLimit
Cadmium	0.0004	mg/L	0.0001
Chloride	9	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0016	mg/L	0.0005
Field Conductivity	374	umhos/s	
Field pH	5.49	s.u.	
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.3	mg/L	0.2
Nickel	0.0264	mg/L	0.0006
Sulfate	140	mg/L	10
Temperature	14.1	°C	
Total Dissolved Solids	260	mg/L	10
Total Suspended Solids	26	mg/L	1
Zinc	0.07	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Apr-08

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Chloride	19	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0007	mg/L	0.0005
Field Conductivity	557	umhos/s	
Field pH	6.76	s.u.	
Lead	< 0.0001	mg/L	0.0001
Magnesium	14.1	mg/L	0.2
Nickel	0.0175	mg/L	0.0006
Sulfate	180	mg/L	10
Temperature	13.3	°C	
Total Dissolved Solids	360	mg/L	10
Total Suspended Solids	2	mg/L	1
Zinc	0.06	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 12-May-08

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	81.7	mg/L	0.2
Chloride	41	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0012	mg/L	0.0005
Field Conductivity	650	umhos/s	
Field pH	6.61	s.u.	
Hardness as CaCO3	259	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.4	mg/L	0.2
Nickel	0.0191	mg/L	0.0006
Sulfate	200	mg/L	10
Temperature	18.9	°C	
Total Dissolved Solids	400	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 12-May-08

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	154	mg/L	0.2
Chloride	60	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0009	mg/L	0.0005
Field Conductivity	1138	umhos/s	
Field pH	6.69	s.u.	
Hardness as CaCO3	507	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	29.6	mg/L	0.2
Nickel	0.0334	mg/L	0.0006
Sulfate	410	mg/L	10
Temperature	16.3	°C	
Total Dissolved Solids	770	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.09	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 24-Jun-08

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	102	mg/L	0.2
Chloride	69	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0019	mg/L	0.0005
Field Conductivity	685	umhos/s	
Field pH	6.38	s.u.	
Hardness as CaCO3	325	mg/L	1
Lead	0.0002	mg/L	0.0001
Magnesium	17.1	mg/L	0.2
Nickel	0.0208	mg/L	0.0006
Sulfate	260	mg/L	10
Temperature	21.9	°C	
Total Dissolved Solids	550	mg/L	10
Total Suspended Solids	5	mg/L	2
Zinc	0.07	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 24-Jun-08

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	175	mg/L	0.2
Chloride	72	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0014	mg/L	0.0005
Field Conductivity	974	umhos/s	
Field pH	6.78	s.u.	
Hardness as CaCO3	588	mg/L	1
Lead	0.0002	mg/L	0.0001
Magnesium	36.6	mg/L	0.2
Nickel	0.0374	mg/L	0.0006
Sulfate	500	mg/L	10
Temperature	22.8	°C	
Total Dissolved Solids	980	mg/L	10
Total Suspended Solids	14	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 02-Jul-08

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	126	mg/L	0.2
Chloride	78	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0027	mg/L	0.0005
Field Conductivity	853	umhos/s	
Field pH	6.02	s.u.	
Hardness as CaCO3	394	mg/L	1
Lead	0.0003	mg/L	0.0001
Magnesium	19.1	mg/L	0.2
Nickel	0.0244	mg/L	0.0006
Sulfate	310	mg/L	10
Temperature	21.6	°C	
Total Dissolved Solids	630	mg/L	10
Total Suspended Solids	7	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 02-Jul-08

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	192	mg/L	0.2
Chloride	78	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0039	mg/L	0.0005
Field Conductivity	1204	umhos/s	
Field pH	6.36	s.u.	
Hardness as CaCO3	634	mg/L	1
Lead	0.0005	mg/L	0.0001
Magnesium	37.5	mg/L	0.2
Nickel	0.0537	mg/L	0.0006
Sulfate	560	mg/L	10
Temperature	22.2	°C	
Total Dissolved Solids	1020	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WLL Sampling Date 04-Aug-08

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	121	mg/L	0.2
Chloride	77	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0009	mg/L	0.0005
Field Conductivity	812	umhos/s	
Field pH	6.12	s.u.	
Hardness as CaCO3	382	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	19.4	mg/L	0.2
Nickel	0.0098	mg/L	0.0006
Sulfate	300	mg/L	10
Temperature	24.8	°C	
Total Dissolved Solids	590	mg/L	10
Total Suspended Solids	10	mg/L	2
Zinc	0.04	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Aug-08

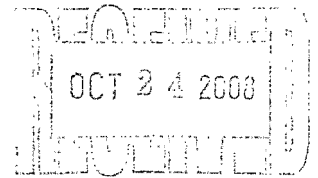
	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	219	mg/L	0.2
Chloride	78	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0009	mg/L	0.0005
Field Conductivity	1356	umhos/s	
Field pH	6.39	s.u.	
Hardness as CaCO3	732	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	44.9	mg/L	0.2
Nickel	0.0215	mg/L	0.0006
Sulfate	590	mg/L	10
Temperature	23.6	°C	
Total Dissolved Solids	1110	mg/L	10
Total Suspended Solids	22	mg/L	2
Zinc	0.05	mg/L	0.01

9/10/2008

Aug-08

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL **Sampling Date 08-Sep-08**

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	68.4	mg/L	0.2
Chloride	53	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0009	mg/L	0.0005
Field Conductivity	778	umhos/s	
Field pH	6.1	s.u.	
Hardness as CaCO3	220	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.9	mg/L	0.2
Nickel	0.0152	mg/L	0.0006
Sulfate	160	mg/L	10
Temperature	24	°C	
Total Dissolved Solids	390	mg/L	10
Total Suspended Solids	65	mg/L	2
Zinc	0.04	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 08-Sep-08**

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	190	mg/L	0.2
Chloride	71	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0018	mg/L	0.0005
Field Conductivity	1403	umhos/s	
Field pH	6.09	s.u.	
Hardness as CaCO3	630	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	37.6	mg/L	0.2
Nickel	0.0421	mg/L	0.0006
Sulfate	520	mg/L	10
Temperature	21.8	°C	
Total Dissolved Solids	950	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 01-Oct-08

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	73.9	mg/L	0.2
Chloride	39	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0005	mg/L	0.0005
Field Conductivity	556	umhos/s	
Field pH	6.28	s.u.	
Hardness as CaCO3	232	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.5	mg/L	0.2
Nickel	0.0139	mg/L	0.0006
Sulfate	170	mg/L	10
Temperature	19.4	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Oct-08

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	220	mg/L	0.2
Chloride	94	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0010	mg/L	0.0005
Field Conductivity	1390	umhos/s	
Field pH	6.44	s.u.	
Hardness as CaCO3	720	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	41.3	mg/L	0.2
Nickel	0.0476	mg/L	0.0006
Sulfate	610	mg/L	10
Temperature	17.7	°C	
Total Dissolved Solids	1150	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.10	mg/L	0.01

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Sampling Point: **Wilson Creek WILL** Sampling Date **17-Nov-08**

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	90.7	mg/L	0.2
Chloride	26	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0009	mg/L	0.0005
Field Conductivity	601	umhos/s	
Field pH	5.98	s.u.	
Hardness as CaCO3	279	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.6	mg/L	0.2
Nickel	0.0080	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	13.4	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: **Indian Creek IC07-A** Sampling Date **17-Nov-08**

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	186	mg/L	0.2
Chloride	70	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1261	umhos/s	
Field pH	6.46	s.u.	
Hardness as CaCO3	616	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	36.7	mg/L	0.2
Nickel	0.0349	mg/L	0.0006
Sulfate	490	mg/L	10
Temperature	10.0	°C	
Total Dissolved Solids	910	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01

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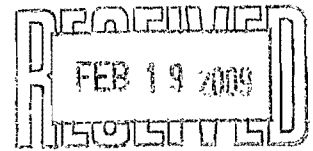
Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 15-Dec-08

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	94.8	mg/L	0.2
Chloride	16	mg/L	1
Chromium	< 0.0002	mg/L	0.0001
Copper	0.0008	mg/L	0.0005
Field Conductivity	578	umhos/s	
Field pH	6.46	s.u.	
Hardness as CaCO3	295	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	14	mg/L	0.2
Nickel	0.0276	mg/L	0.0006
Sulfate	250	mg/L	10
Temperature	7.3	°C	
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.08	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 15-Dec-08

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	181	mg/L	0.2
Chloride	50	mg/L	1
Chromium	< 0.0002	mg/L	0.0001
Copper	0.0011	mg/L	0.0005
Field Conductivity	984	umhos/s	
Field pH	6.29	s.u.	
Hardness as CaCO3	599	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	35.6	mg/L	0.2
Nickel	0.0406	mg/L	0.0006
Sulfate	470	mg/L	10
Temperature	7.2	°C	
Total Dissolved Solids	830	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.12	mg/L	0.01



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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 08-Jan-09

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	92.9	mg/L	0.2
Chloride	20	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0007	mg/L	0.0005
Field Conductivity	564	umhos/s	
Field pH	6.56	s.u.	
Hardness as CaCO3	289	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.9	mg/L	0.2
Nickel	0.0224	mg/L	0.0006
Sulfate	250	mg/L	10
Temperature	11.1	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.07	mg/L	0.01

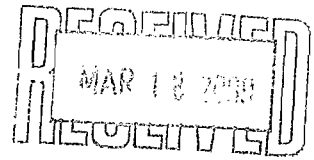
Sampling Point: Indian Creek IC07-A Sampling Date 08-Jan-09

	Result	Units	DetectionLimit
Cadmium	0.0004	mg/L	0.0001
Calcium	152	mg/L	0.2
Chloride	50	mg/L	1
Chromium	< 0.0001	mg/L	0.0001
Copper	0.0008	mg/L	0.0005
Field Conductivity	757	umhos/s	
Field pH	6.35	s.u.	
Hardness as CaCO3	504	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	30.2	mg/L	0.2
Nickel	0.0331	mg/L	0.0006
Sulfate	390	mg/L	10
Temperature	10.0	°C	
Total Dissolved Solids	740	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Wilson Creek WILL Sampling Date 12-Jan-09

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	93.1	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0039	mg/L	0.0001
Copper	0.0012	mg/L	0.0005
Field Conductivity	578	umhos/s	
Field pH	6.36	s.u.	
Hardness as CaCO3	292	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	14.4	mg/L	0.2
Nickel	0.0199	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	6.1	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.07	mg/L	0.01

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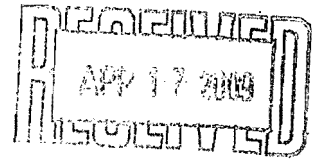
Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL **Sampling Date 02-Feb-09**

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	91.1	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.003	mg/L	0.003
Field Conductivity	469	umhos/s	
Field pH	6.24	s.u.	
Hardness as CaCO3	285	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	14.0	mg/L	0.2
Nickel	0.0206	mg/L	0.0006
Sulfate	250	mg/L	10
Temperature	9.7	°C	
Total Dissolved Solids	440	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.06	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 02-Feb-09**

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	153	mg/L	0.2
Chloride	49	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.003	mg/L	0.003
Field Conductivity	836	umhos/s	
Field pH	6.54	s.u.	
Hardness as CaCO3	511	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	31.2	mg/L	0.2
Nickel	0.0391	mg/L	0.0006
Sulfate	440	mg/L	10
Temperature	7.0	°C	
Total Dissolved Solids	770	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01



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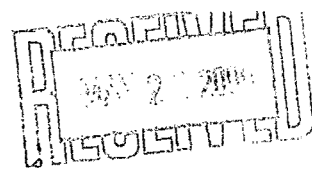
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Sampling Point: Wilson Creek WILL Sampling Date 02-Mar-09

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	85.2	mg/L	0.2
Chloride	17	mg/L	1
Chromium	< 0.0002	mg/L	0.0002
Copper	0.0008	mg/L	0.0005
Field Conductivity	684	umhos/s	
Field pH	6.36	s.u.	
Hardness as CaCO3	266	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.9	mg/L	0.2
Nickel	0.0185	mg/L	0.0006
Sulfate	230	mg/L	10
Temperature	8.7	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 02-Mar-09

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	158	mg/L	0.2
Chloride	53	mg/L	1
Chromium	< 0.0002	mg/L	0.0002
Copper	0.0012	mg/L	0.0005
Field Conductivity	801	umhos/s	
Field pH	6.87	s.u.	
Hardness as CaCO3	529	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	32.7	mg/L	0.2
Nickel	0.0359	mg/L	0.0006
Sulfate	430	mg/L	10
Temperature	6.4	°C	
Total Dissolved Solids	770	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01



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Sampling Point: Wilson Creek WILL **Sampling Date 02-Apr-09**

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	78.3	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0002	mg/L	0.0002
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	404	umhos/s	
Field pH	5.52	s.u.	
Hardness as CaCO3	242	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.3	mg/L	0.2
Nickel	0.0186	mg/L	0.0006
Sulfate	220	mg/L	10
Temperature	14.4	°C	
Total Dissolved Solids	360	mg/L	10
Total Suspended Solids	<2	mg/L	2
Zinc	0.07	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 02-Apr-09**

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	120	mg/L	0.2
Chloride	39	mg/L	1
Chromium	< 0.0002	mg/L	0.0002
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	584	umhos/s	
Field pH	6.62	s.u.	
Lead	< 0.0001	mg/L	0.0001
Magnesium	22.4	mg/L	0.2
Nickel	0.0268	mg/L	0.0006
Sulfate	320	mg/L	10
Temperature	14.0	°C	
Total Dissolved Solids	620	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.10	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 05-May-09

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	57.3	mg/L	0.2
Chloride	11	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	466	umhos/s	
Field pH	6.21	s.u.	
Hardness as CaCO3	175	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.7	mg/L	0.2
Nickel	0.0181	mg/L	0.0006
Sulfate	150	mg/L	10
Temperature	16.7	°C	
Total Dissolved Solids	310	mg/L	10
Total Suspended Solids	<2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 05-May-09

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	75.7	mg/L	0.2
Chloride	17	mg/L	1
Chromium	0.0005	mg/L	0.0005
Copper	0.0012	mg/L	0.0005
Field Conductivity	558	umhos/s	
Field pH	7.14	s.u.	
Lead	0.0001	mg/L	0.0001
Magnesium	14.6	mg/L	0.2
Nickel	0.0137	mg/L	0.0006
Sulfate	180	mg/L	10
Temperature	17.0	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 01-Jun-09

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	66.6	mg/L	0.2
Chloride	11	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	464	umhos/s	
Field pH	6.26	s.u.	
Hardness as CaCO3	199	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.9	mg/L	0.2
Nickel	0.0194	mg/L	0.0006
Sulfate	180	mg/L	10
Temperature	19.5	°C	
Total Dissolved Solids	300	mg/L	10
Total Suspended Solids	<2	mg/L	2
Zinc	0.06	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Jun-09

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	118	mg/L	0.2
Chloride	38	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	877	umhos/s	
Field pH	6.59	s.u.	
Hardness as CaCO3	390	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	23.1	mg/L	0.2
Nickel	0.0241	mg/L	0.0006
Sulfate	300	mg/L	10
Temperature	19.2	°C	
Total Dissolved Solids	610	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.09	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 01-Jul-09

Parameter	Units	Detection Limit
Cadmium	0.0004 mg/L	0.0001
Calcium	80.6 mg/L	0.2
Chloride	12 mg/L	1
Chromium	< 0.0005 mg/L	0.0005
Copper	0.0010 mg/L	0.0005
Field Conductivity	512 umhos/s	
Field pH	6.26 s.u.	
Hardness as CaCO3	240 mg/L	1
Lead	< 0.0001 mg/L	0.0001
Magnesium	9.3 mg/L	0.2
Nickel	0.0195 mg/L	0.0006
Sulfate	220 mg/L	10
Temperature	24.1 °C	
Total Dissolved Solids	380 mg/L	10
Total Suspended Solids	< 5 mg/L	5
Zinc	0.07 mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Jul-09

Parameter	Units	Detection Limit
Cadmium	< 0.0001 mg/L	0.0001
Calcium	154 mg/L	0.2
Chloride	49 mg/L	1
Chromium	< 0.0005 mg/L	0.0005
Copper	0.0012 mg/L	0.0005
Field Conductivity	1049 umhos/s	
Field pH	6.83 s.u.	
Hardness as CaCO3	506 mg/L	1
Lead	< 0.0001 mg/L	0.0001
Magnesium	29.5 mg/L	0.2
Nickel	0.0251 mg/L	0.0006
Sulfate	390 mg/L	10
Temperature	22.1 °C	
Total Dissolved Solids	790 mg/L	10
Total Suspended Solids	5 mg/L	5
Zinc	0.07 mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 04-Aug-09

	Result	Units	Detection Limit
Cadmium	0.0005	mg/L	0.0001
Calcium	61.3	mg/L	0.2
Chloride	9	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	485	umhos/s	
Field pH	6.11	s.u.	
Hardness as CaCO3	185	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.7	mg/L	0.2
Nickel	0.0324	mg/L	0.0006
Sulfate	170	mg/L	10
Temperature	24.6	°C	
Total Dissolved Solids	300	mg/L	10
Total Suspended Solids	5	mg/L	5
Zinc	0.09	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Aug-09

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	117	mg/L	0.2
Chloride	36	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	757	umhos/s	
Field pH	7.18	s.u.	
Hardness as CaCO3	385	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	22.6	mg/L	0.2
Nickel	0.0239	mg/L	0.0006
Sulfate	300	mg/L	10
Temperature	23.9	°C	
Total Dissolved Solids	620	mg/L	10
Total Suspended Solids	< 5	mg/L	5
Zinc	0.08	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 08-Sep-09

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	87.7	mg/L	0.2
Chloride	16	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	464	umhos/s	
Field pH	6.45	s.u.	
Hardness as CaCO3	250	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.6	mg/L	0.2
Nickel	0.0124	mg/L	0.0006
Sulfate	230	mg/L	10
Temperature	25.1	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.07	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 08-Sep-09

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	170	mg/L	0.2
Chloride	53	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	696	umhos/s	
Field pH	7.09	s.u.	
Hardness as CaCO3	565	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	34.1	mg/L	0.2
Nickel	0.0260	mg/L	0.0006
Sulfate	440	mg/L	10
Temperature	23.1	°C	
Total Dissolved Solids	850	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 07-Oct-09

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	83.0	mg/L	0.2
Chloride	46	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	596	umhos/s	
Field pH	6.67	s.u.	
Hardness as CaCO3	257	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.1	mg/L	0.2
Nickel	0.0106	mg/L	0.0006
Sulfate	190	mg/L	10
Temperature	17.6	°C	
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 07-Oct-09

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	161	mg/L	0.2
Chloride	56	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	1059	umhos/s	
Field pH	6.97	s.u.	
Hardness as CaCO3	530	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	31.1	mg/L	0.2
Nickel	0.0306	mg/L	0.0006
Sulfate	430	mg/L	10
Temperature	16.4	°C	
Total Dissolved Solids	790	mg/L	10
Total Suspended Solids	7	mg/L	2
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 23-Nov-09

	Result	Units	DetectionLimit
Cadmium	0.0007	mg/L	0.0001
Calcium	67.8	mg/L	0.2
Chloride	13	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	503	umhos/s	
Field pH	6.69	s.u.	
Hardness as CaCO3	209	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.5	mg/L	0.2
Nickel	0.0422	mg/L	0.0006
Sulfate	210	mg/L	10
Temperature	14.9	°C	
Total Dissolved Solids	350	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.12	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 23-Nov-09

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	140	mg/L	0.2
Chloride	45	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0010	mg/L	0.0005
Field Conductivity	968	umhos/s	
Field pH	6.91	s.u.	
Hardness as CaCO3	451	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.6	mg/L	0.2
Nickel	0.0330	mg/L	0.0006
Sulfate	360	mg/L	10
Temperature	14.4	°C	
Total Dissolved Solids	700	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 01-Dec-09

	Result	Units	DetectionLimit
Cadmium	0.0007	mg/L	0.0001
Calcium	78.5	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	531	umhos/s	
Field pH	6.55	s.u.	
Hardness as CaCO3	236	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.6	mg/L	0.2
Nickel	0.0353	mg/L	0.0006
Sulfate	220	mg/L	10
Temperature	12.8	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	6	mg/L	2
Zinc	0.06	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Dec-09

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	143	mg/L	0.2
Chloride	45	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	949	umhos/s	
Field pH	6.74	s.u.	
Hardness as CaCO3	477	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	29	mg/L	0.2
Nickel	0.0280	mg/L	0.0006
Sulfate	360	mg/L	10
Temperature	9.5	°C	
Total Dissolved Solids	710	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01

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Facility Umetco Minerals Corporation
Location Hot Springs

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: **Wilson Creek WILL** Sampling Date **04-Jan-10**

	Result	Units	Detection Limit
Cadmium	0.0007	mg/L	0.0001
Calcium	63.6	mg/L	0.2
Chloride	9	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0021	mg/L	0.0005
Field Conductivity		umhos/s	
Field pH		s.u.	
Hardness as CaCO3	198	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.6	mg/L	0.2
Nickel	0.0420	mg/L	0.0006
Sulfate	190	mg/L	10
Temperature		°C	
Total Dissolved Solids	290	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.07	mg/L	0.01

Sampling Point: **Indian Creek IC07-A** Sampling Date **04-Jan-10**

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	120	mg/L	0.2
Chloride	38	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0010	mg/L	0.0005
Field Conductivity		umhos/s	
Field pH		s.u.	
Hardness as CaCO3	399	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.2	mg/L	0.2
Nickel	0.0385	mg/L	0.0006
Sulfate	320	mg/L	10
Temperature		°C	
Total Dissolved Solids	580	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 02-Feb-10

	Result	Units	Detection Limit
Cadmium	0.0008	mg/L	0.0001
Calcium	77.7	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0014	mg/L	0.0005
Field Conductivity	521	umhos/s	
Field pH	6.58	s.u.	
Hardness as CaCO3	245	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.4	mg/L	0.2
Nickel	0.0522	mg/L	0.0006
Sulfate	230	mg/L	10
Temperature	14.7	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	5	mg/L	2
Zinc	0.13	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 02-Feb-10

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	108	mg/L	0.2
Chloride	33	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	982	umhos/s	
Field pH	6.88	s.u.	
Hardness as CaCO3	357	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	21.2	mg/L	0.2
Nickel	0.0314	mg/L	0.0006
Sulfate	290	mg/L	10
Temperature	14.2	°C	
Total Dissolved Solids	560	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.13	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 10-Mar-10

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	77.5	mg/L	0.2
Chloride	14	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	584	umhos/s	
Field pH	6.42	s.u.	
Hardness as CaCO3	241	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.5	mg/L	0.2
Nickel	0.0301	mg/L	0.0006
Sulfate	210	mg/L	10
Temperature	15.4	°C	
Total Dissolved Solids	360	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 10-Mar-10

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	114	mg/L	0.2
Chloride	39	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	801	umhos/s	
Field pH	6.56	s.u.	
Hardness as CaCO3	377	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	22.5	mg/L	0.2
Nickel	0.0224	mg/L	0.0006
Sulfate	290	mg/L	10
Temperature	15.6	°C	
Total Dissolved Solids	550	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.08	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 01-Apr-10

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	79.8	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	621	umhos/s	
Field pH	5.63	s.u.	
Hardness as CaCO3	245	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.0	mg/L	0.2
Nickel	0.0190	mg/L	0.0006
Sulfate	210	mg/L	10
Temperature	16.2	°C	
Total Dissolved Solids	350	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Apr-10

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	109	mg/L	0.2
Chloride	33	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	823	umhos/s	
Field pH	6.38	s.u.	
Hardness as CaCO3	360	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	21.2	mg/L	0.2
Nickel	0.0195	mg/L	0.0006
Sulfate	280	mg/L	10
Temperature	15.8	°C	
Total Dissolved Solids	530	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.06	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 13-May-10

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	79.5	mg/L	0.2
Chloride	19	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	595	umhos/s	
Field pH	6.6	s.u.	
Hardness as CaCO3	245	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.3	mg/L	0.2
Nickel	0.0223	mg/L	0.0006
Sulfate	210	mg/L	10
Temperature	20.7	°C	
Total Dissolved Solids	390	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.04	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 13-May-10

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	134	mg/L	0.2
Chloride	44	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	1018	umhos/s	
Field pH	7.29	s.u.	
Hardness as CaCO3	441	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	25.8	mg/L	0.2
Nickel	0.0246	mg/L	0.0006
Sulfate	360	mg/L	10
Temperature	19.1	°C	
Total Dissolved Solids	680	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 07-Jun-10

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	79.2	mg/L	0.2
Chloride	27	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0005	mg/L	0.0005
Field Conductivity	611	umhos/s	
Field pH	6.67	s.u.	
Hardness as CaCO3	244	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.2	mg/L	0.2
Nickel	0.0138	mg/L	0.0006
Sulfate	200	mg/L	10
Temperature	22.7	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 07-Jun-10

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	153	mg/L	0.2
Chloride	53	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	1042	umhos/s	
Field pH	6.79	s.u.	
Hardness as CaCO3	503	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	29.4	mg/L	0.2
Nickel	0.0193	mg/L	0.0006
Sulfate	400	mg/L	10
Temperature	21.1	°C	
Total Dissolved Solids	750	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 01-Jul-10

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	87.1	mg/L	0.2
Chloride	19	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	574	µmhos/cm	
Field pH	6.64	s.u.	
Hardness as CaCO3	257	mg/L	1
Lead	0.0003	mg/L	0.0001
Magnesium	9.5	mg/L	0.2
Nickel	0.0074	mg/L	0.0006
Sulfate	220	mg/L	10
Temperature	23.7	°C	
Total Dissolved Solids	400	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Jul-10

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	171	mg/L	0.2
Chloride	56	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	1012	µmhos/cm	
Field pH	6.94	s.u.	
Hardness as CaCO3	565	mg/L	1
Lead	0.0002	mg/L	0.0001
Magnesium	33.5	mg/L	0.2
Nickel	0.0222	mg/L	0.0006
Sulfate	450	mg/L	10
Temperature	22.8	°C	
Total Dissolved Solids	850	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 03-Aug-10

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	92.8	mg/L	0.2
Chloride	21	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	728	µmhos/cm	
Field pH	6.53	s.u.	
Hardness as CaCO3	277	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.0	mg/L	0.2
Nickel	0.0119	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	27.8	°C	
Total Dissolved Solids	610	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 03-Aug-10

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	200	mg/L	0.2
Chloride	75	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	1138	µmhos/cm	
Field pH	6.89	s.u.	
Hardness as CaCO3	659	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	38.8	mg/L	0.2
Nickel	0.0258	mg/L	0.0006
Sulfate	550	mg/L	10
Temperature	24.8	°C	
Total Dissolved Solids	1100	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 14-Sep-10

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	106.0	mg/L	0.2
Chloride	24	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	697	µmhos/cm	
Field pH	6.27	s.u.	
Hardness as CaCO ₃	315	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.1	mg/L	0.2
Nickel	0.0123	mg/L	0.0006
Sulfate	260	mg/L	10
Temperature	24.1	°C	
Total Dissolved Solids	460	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 14-Sep-10

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	237	mg/L	0.2
Chloride	80	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	1420	µmhos/cm	
Field pH	6.82	s.u.	
Hardness as CaCO ₃	780	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	45.7	mg/L	0.2
Nickel	0.0200	mg/L	0.0006
Sulfate	580	mg/L	10
Temperature	20.4	°C	
Total Dissolved Solids	1140	mg/L	10
Total Suspended Solids	16	mg/L	2
Zinc	0.03	mg/L	0.01

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Sampling Point: Wilson Creek WILL **Sampling Date 04-Oct-10**

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	105.0	mg/L	0.2
Chloride	29	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	497	µmhos/cm	
Field pH	6.96	s.u.	
Hardness as CaCO3	319	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.8	mg/L	0.2
Nickel	0.0134	mg/L	0.0006
Sulfate	260	mg/L	10
Temperature	15.6	°C	
Total Dissolved Solids	480	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 04-Oct-10**

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	250	mg/L	0.2
Chloride	91	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0021	mg/L	0.0005
Field Conductivity	1398	µmhos/cm	
Field pH	6.87	s.u.	
Hardness as CaCO3	814	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	46	mg/L	0.2
Nickel	0.0347	mg/L	0.0006
Sulfate	620	mg/L	10
Temperature	14.9	°C	
Total Dissolved Solids	1160	mg/L	10
Total Suspended Solids	45	mg/L	2
Zinc	0.03	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 11-Nov-10

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	115.0	mg/L	0.2
Chloride	21	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0005	mg/L	0.0005
Field Conductivity	641	µmhos/cm	
Field pH	7.01	s.u.	
Hardness as CaCO3	341	mg/L	1
Iron	0.03	mg/L	0.02
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.1	mg/L	0.2
Nickel	0.0180	mg/L	0.0006
Sulfate	270	mg/L	10
Temperature	16.2	°C	
Total Dissolved Solids	460	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 11-Nov-10

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	248	mg/L	0.2
Chloride	96	mg/L	2
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0010	mg/L	0.0005
Field Conductivity	1175	µmhos/cm	
Field pH	7.33	s.u.	
Hardness as CaCO3	814	mg/L	1
Iron	0.27	mg/L	0.02
Lead	< 0.0001	mg/L	0.0001
Magnesium	47.3	mg/L	0.2
Nickel	0.0315	mg/L	0.0006
Sulfate	660	mg/L	10
Temperature	14.5	°C	
Total Dissolved Solids	1230	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 07-Dec-10

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	102.0	mg/L	0.2
Chloride	23	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	672	µmhos/cm	
Field pH	6.12	s.u.	
Hardness as CaCO3	309	mg/L	1
Iron	0.04	mg/L	0.02
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.2	mg/L	0.2
Nickel	0.0221	mg/L	0.0006
Sulfate	270	mg/L	10
Temperature	8.5	°C	
Total Dissolved Solids	450	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 07-Dec-10

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	241	mg/L	0.2
Chloride	90	mg/L	2
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	1315	µmhos/cm	
Field pH	6.55	s.u.	
Hardness as CaCO3	806	mg/L	1
Iron	0.26	mg/L	0.02
Lead	< 0.0001	mg/L	0.0001
Magnesium	49.6	mg/L	0.2
Nickel	0.0444	mg/L	0.0006
Sulfate	690	mg/L	10
Temperature	8.8	°C	
Total Dissolved Solids	1150	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.12	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 05-Jan-11

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	97.4	mg/L	0.2
Chloride	17	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	650	umhos/s	
Field pH	6.07	s.u.	
Hardness as CaCO3	298	mg/L	1
Iron	< 0.02	mg/L	0.02
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.2	mg/L	0.2
Nickel	0.0253	mg/L	0.0006
Sulfate	270	mg/L	10
Temperature	10.4	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 05-Jan-11

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	230	mg/L	0.2
Chloride	77	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	1329	umhos/s	
Field pH	6.65	s.u.	
Hardness as CaCO3	767	mg/L	1
Iron	0.14	mg/L	0.02
Lead	< 0.0001	mg/L	0.0001
Magnesium	46.7	mg/L	0.2
Nickel	0.0433	mg/L	0.0006
Sulfate	690	mg/L	10
Temperature	9.9	°C	
Total Dissolved Solids	1080	mg/L	10
Total Suspended Solids	7	mg/L	2
Zinc	0.10	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 03-Feb-11

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	101	mg/L	0.2
Chloride	20	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	546	umhos/s	
Field pH	6.69	s.u.	
Hardness as CaCO3	308	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	13.5	mg/L	0.2
Nickel	0.0250	mg/L	0.0006
Sulfate	260	mg/L	10
Temperature	4.2	°C	
Total Dissolved Solids	430	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 03-Feb-11

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	210	mg/L	0.2
Chloride	70	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	1249	umhos/s	
Field pH	6.78	s.u.	
Hardness as CaCO3	698	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	42.1	mg/L	0.2
Nickel	0.0439	mg/L	0.0006
Sulfate	580	mg/L	10
Temperature	4.1	°C	
Total Dissolved Solids	1010	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.12	mg/L	0.01

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Sampling Point: Wilson Creek WILL **Sampling Date 02-Mar-11**

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	96.2	mg/L	0.2
Chloride	17	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	658	umhos/s	
Field pH	6.42	s.u.	
Hardness as CaCO3	293	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.7	mg/L	0.2
Nickel	0.0254	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	7.9	°C	
Total Dissolved Solids	440	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 02-Mar-11**

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	199	mg/L	0.2
Chloride	57	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	1118	umhos/s	
Field pH	6.66	s.u.	
Hardness as CaCO3	663	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	40.3	mg/L	0.2
Nickel	0.0358	mg/L	0.0006
Sulfate	540	mg/L	10
Temperature	10.2	°C	
Total Dissolved Solids	970	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.08	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 04-Apr-11

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	91.6	mg/L	0.2
Chloride	20	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	614	umhos/s	
Field pH	6.58	s.u.	
Hardness as CaCO3	277	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.8	mg/L	0.2
Nickel	0.0106	mg/L	0.0006
Sulfate	220	mg/L	10
Temperature	14.2	°C	
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Apr-11

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	188	mg/L	0.2
Chloride	51	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0015	mg/L	0.0005
Field Conductivity	1107	umhos/s	
Field pH	6.69	s.u.	
Hardness as CaCO3	630	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	39	mg/L	0.2
Nickel	0.0256	mg/L	0.0006
Sulfate	510	mg/L	10
Temperature	15.8	°C	
Total Dissolved Solids	910	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 12-May-11

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	59.3	mg/L	0.2
Chloride	9	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0010	mg/L	0.0005
Field Conductivity	432	umhos/s	
Field pH	6.21	s.u.	
Hardness as CaCO3	173	mg/L	1
Lead	0.0001	mg/L	0.0001
Magnesium	6.0	mg/L	0.2
Nickel	0.0127	mg/L	0.0006
Sulfate	160	mg/L	10
Temperature	20.2	°C	
Total Dissolved Solids	270	mg/L	10
Total Suspended Solids	13	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 12-May-11

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	175	mg/L	0.2
Chloride	50	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	810	umhos/s	
Field pH	6.38	s.u.	
Hardness as CaCO3	583	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	35.3	mg/L	0.2
Nickel	0.0311	mg/L	0.0006
Sulfate	470	mg/L	10
Temperature	19.0	°C	
Total Dissolved Solids	910	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.08	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 20-Jun-11

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	66.6	mg/L	0.2
Chloride	11	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	432	µmhos/cm	
Field pH	6.41	s.u.	
Hardness as CaCO3	195	mg/L	1
Lead	0.0004	mg/L	0.0001
Magnesium	6.9	mg/L	0.2
Nickel	0.0154	mg/L	0.0006
Sulfate	180	mg/L	10
Temperature	25.2	°C	
Total Dissolved Solids	300	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 20-Jun-11

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	209	mg/L	0.2
Chloride	58	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0015	mg/L	0.0005
Field Conductivity	1124	µmhos/cm	
Field pH	6.86	s.u.	
Hardness as CaCO3	696	mg/L	1
Lead	0.0003	mg/L	0.0001
Magnesium	42.2	mg/L	0.2
Nickel	0.0343	mg/L	0.0006
Sulfate	600	mg/L	10
Temperature	24.5	°C	
Total Dissolved Solids	1120	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 05-Jul-11

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	77.9	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	488	µmhos/cm	
Field pH	7.07	s.u.	
Hardness as CaCO3	229	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.4	mg/L	0.2
Nickel	0.0133	mg/L	0.0006
Sulfate	200	mg/L	10
Temperature	28.9	°C	
Total Dissolved Solids	340	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 05-Jul-11

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	216	mg/L	0.2
Chloride	59	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0013	mg/L	0.0005
Field Conductivity	1260	µmhos/cm	
Field pH	6.91	s.u.	
Hardness as CaCO3	729	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	45.9	mg/L	0.2
Nickel	0.0508	mg/L	0.0006
Sulfate	580	mg/L	10
Temperature	22.8	°C	
Total Dissolved Solids	1140	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 02-Aug-11

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	82.5	mg/L	0.2
Chloride	16	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	521	µmhos/cm	
Field pH	6.7	s.u.	
Hardness as CaCO3	240	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.3	mg/L	0.2
Nickel	0.0066	mg/L	0.0006
Sulfate	210	mg/L	10
Temperature	32.1	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	< 5	mg/L	5
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 02-Aug-11

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	224	mg/L	0.2
Chloride	77	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	1173	µmhos/cm	
Field pH	6.95	s.u.	
Hardness as CaCO3	737	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	43	mg/L	0.2
Nickel	0.0176	mg/L	0.0006
Sulfate	600	mg/L	10
Temperature	25.3	°C	
Total Dissolved Solids	1170	mg/L	10
Total Suspended Solids	< 5	mg/L	5
Zinc	< 0.01	mg/L	0.01

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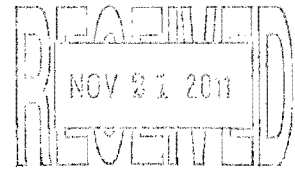
Sampling Point: Wilson Creek WILL Sampling Date 01-Sep-11

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	87.9	mg/L	0.2
Chloride	19	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	537	µmhos/cm	
Field pH	6.31	s.u.	
Hardness as CaCO3	256	mg/L	1
Lead	0.0004	mg/L	0.0001
Magnesium	8.9	mg/L	0.2
Nickel	0.0063	mg/L	0.0006
Sulfate	220	mg/L	10
Temperature	19.2	°C	
Total Dissolved Solids	400	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Sep-11

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	229	mg/L	0.2
Chloride	89	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0013	mg/L	0.0005
Field Conductivity	1120	µmhos/cm	
Field pH	6.72	s.u.	
Hardness as CaCO3	746	mg/L	1
Lead	0.0003	mg/L	0.0001
Magnesium	42.1	mg/L	0.2
Nickel	0.0165	mg/L	0.0006
Sulfate	610	mg/L	10
Temperature	18.9	°C	
Total Dissolved Solids	1330	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.02	mg/L	0.01

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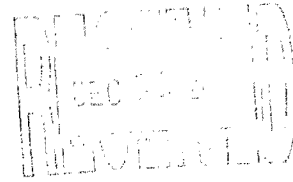
Sampling Point: Wilson Creek WILL Sampling Date 04-Oct-11

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	98.5	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	551	µmhos/cm	
Field pH	6.83	s.u.	
Hardness as CaCO3	287	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.8	mg/L	0.2
Nickel	0.0080	mg/L	0.0006
Sulfate	240	mg/L	10
Temperature	14.9	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Oct-11

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	254	mg/L	0.2
Chloride	95	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1453	µmhos/cm	
Field pH	6.86	s.u.	
Hardness as CaCO3	835	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	48.6	mg/L	0.2
Nickel	0.0182	mg/L	0.0006
Sulfate	700	mg/L	10
Temperature	14.9	°C	
Total Dissolved Solids	1280	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.02	mg/L	0.01

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Sampling Point: Wilson Creek WILL **Sampling Date 07-Nov-11**

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	98.2	mg/L	0.2
Chloride	20	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	614	µmhos/cm	
Field pH	7.03	s.u.	
Hardness as CaCO3	287	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.0	mg/L	0.2
Nickel	0.0087	mg/L	0.0006
Sulfate	250	mg/L	10
Temperature	15.8	°C	
Total Dissolved Solids	450	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 07-Nov-11**

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	249	mg/L	0.2
Chloride	89	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1274	µmhos/cm	
Field pH	6.96	s.u.	
Hardness as CaCO3	814	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	46.7	mg/L	0.2
Nickel	0.0249	mg/L	0.0006
Sulfate	670	mg/L	10
Temperature	15.6	°C	
Total Dissolved Solids	1260	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 15-Nov-11**

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	55.9	mg/L	0.2
Chloride	27	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	489	µmhos/cm	
Field pH	6.55	s.u.	
Hardness as CaCO3	187	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.6	mg/L	0.2
Nickel	0.0152	mg/L	0.0006
Sulfate	160	mg/L	10
Temperature	16.8	°C	
Total Dissolved Solids	300	mg/L	10
Total Suspended Solids	275	mg/L	4
Zinc	0.03	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 06-Dec-11

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	71.9	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0010	mg/L	0.0005
Field Conductivity	646	µmhos/cm	
Field pH	6.46	s.u.	
Hardness as CaCO ₃	214	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.3	mg/L	0.2
Nickel	0.0183	mg/L	0.0006
Sulfate	190	mg/L	10
Temperature	10.6	°C	
Total Dissolved Solids	340	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.42	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 06-Dec-11

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	126	mg/L	0.2
Chloride	34	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1069	µmhos/cm	
Field pH	6.86	s.u.	
Hardness as CaCO ₃	414	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.1	mg/L	0.2
Nickel	0.0244	mg/L	0.0006
Sulfate	340	mg/L	10
Temperature	12.6	°C	
Total Dissolved Solids	590	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.07	mg/L	0.01

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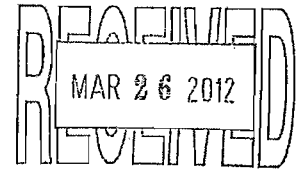
Sampling Point: Wilson Creek WILL Sampling Date 04-Jan-12

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	79.7	mg/L	0.2
Chloride	14	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	569	umhos/s	
Field pH	7.22	s.u.	
Hardness as CaCO3	237	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.2	mg/L	0.2
Nickel	0.0142	mg/L	0.0006
Sulfate	200	mg/L	10
Temperature	9.3	°C	
Total Dissolved Solids	340	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Jan-12

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	162.0	mg/L	0.2
Chloride	45	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1166	umhos/s	
Field pH	6.76	s.u.	
Hardness as CaCO3	540	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	32.8	mg/L	0.2
Nickel	0.0382	mg/L	0.0006
Sulfate	480	mg/L	10
Temperature	9.7	°C	
Total Dissolved Solids	800	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.11	mg/L	0.01

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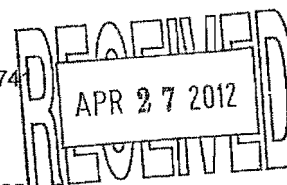
Sampling Point: Wilson Creek WILL Sampling Date 06-Feb-12

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	84.1	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	551	umhos/s	
Field pH	7.15	s.u.	
Hardness as CaCO3	251	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.9	mg/L	0.2
Nickel	0.0156	mg/L	0.0006
Sulfate	220	mg/L	10
Temperature	12.2	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 06-Feb-12

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	127	mg/L	0.2
Chloride	32	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	887	umhos/s	
Field pH	7.23	s.u.	
Hardness as CaCO3	420	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.9	mg/L	0.2
Nickel	0.0214	mg/L	0.0006
Sulfate	340	mg/L	10
Temperature	13.2	°C	
Total Dissolved Solids	620	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.06	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 07-Mar-12

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	81.0	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	536	umhos/s	
Field pH	6.39	s.u.	
Hardness as CaCO3	242	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.7	mg/L	0.2
Nickel	0.0117	mg/L	0.0006
Sulfate	200	mg/L	10
Temperature	11.5	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 07-Mar-12

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	156	mg/L	0.2
Chloride	43	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	827	umhos/s	
Field pH	6.87	s.u.	
Hardness as CaCO3	518	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	31.1	mg/L	0.2
Nickel	0.0245	mg/L	0.0006
Sulfate	440	mg/L	10
Temperature	10.6	°C	
Total Dissolved Solids	780	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.06	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 04-Apr-12

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	57.8	mg/L	0.2
Chloride	11	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0024	mg/L	0.0005
Field Conductivity	529	umhos/s	
Field pH	6.44	s.u.	
Hardness as CaCO ₃	176	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.6	mg/L	0.2
Nickel	0.0177	mg/L	0.0006
Sulfate	148	mg/L	10
Temperature	13.4	°C	
Total Dissolved Solids	280	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Apr-12

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	125	mg/L	0.2
Chloride	32	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	821	umhos/s	
Field pH	6.89	s.u.	
Hardness as CaCO ₃	412	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.2	mg/L	0.2
Nickel	0.0211	mg/L	0.0006
Sulfate	330	mg/L	10
Temperature	12.4	°C	
Total Dissolved Solids	630	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.07	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 09-May-12

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	69.8	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	529	µS	
Field pH	6.35	s.u.	
Hardness as CaCO3	206	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.7	mg/L	0.2
Nickel	0.0123	mg/L	0.0006
Sulfate	173	mg/L	5
Temperature	13.6	°C	
Total Dissolved Solids	300	mg/L	10
Total Suspended Solids	5	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 09-May-12

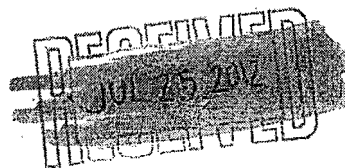
	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	168	mg/L	0.2
Chloride	48	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	839	µS	
Field pH	6.84	s.u.	
Hardness as CaCO3	554	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	32.6	mg/L	0.2
Nickel	0.0231	mg/L	0.0006
Sulfate	470	mg/L	20
Temperature	12.6	°C	
Total Dissolved Solids	860	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 05-Jun-12

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	78.0	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	540	µS	
Field pH	6.92	s.u.	
Hardness as CaCO3	232	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.9	mg/L	0.2
Nickel	0.0085	mg/L	0.0006
Sulfate	190	mg/L	20
Temperature	25.3	°C	
Total Dissolved Solids	350	mg/L	10
Total Suspended Solids	< 5	mg/L	5
Zinc	< 0.01	mg/L	0.01



Sampling Point: Indian Creek IC07-A Sampling Date 05-Jun-12

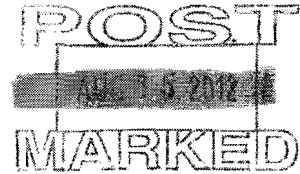
	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	193	mg/L	0.2
Chloride	59	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1258	µS	
Field pH	6.89	s.u.	
Hardness as CaCO3	632	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	36.3	mg/L	0.2
Nickel	0.0186	mg/L	0.0006
Sulfate	550	mg/L	20
Temperature	22.3	°C	
Total Dissolved Solids	1030	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 11-Jun-12

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	219	mg/L	0.2
Chromium	< 0.01	mg/L	0.01
Copper	< 0.01	mg/L	0.01
Field Conductivity	1249	µS	
Field pH	6.8	s.u.	
Lead	< 0.0001	mg/L	0.0001
Magnesium	41.7	mg/L	0.2
Nickel	0.02	mg/L	0.01
Temperature	22.1	°C	
Total Dissolved Solids	1130	mg/L	10
Total Suspended Solids	8	mg/L	5
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 02-Jul-12

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	83.2	mg/L	0.2
Chloride	4	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	548	µS	
Field pH	6.64	s.u.	
Hardness as CaCO3	249	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.9	mg/L	0.2
Nickel	0.0084	mg/L	0.0006
Sulfate	220	mg/L	20
Temperature	27.4	°C	
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Wilson Creek WILL Sampling Date 09-Jul-12

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	71.3	mg/L	0.2
Chloride	17	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0010	mg/L	0.0005
Field Conductivity	459	µS	
Field pH	6.53	s.u.	
Hardness as CaCO3	211	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.9	mg/L	0.2
Nickel	0.0050	mg/L	0.0006
Sulfate	174	mg/L	5
Temperature	26.4	°C	
Total Dissolved Solids	350	mg/L	10
Total Suspended Solids	47	mg/L	5
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 02-Jul-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	219	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1291	µS	
Field pH	6.87	s.u.	
Hardness as CaCO3	713	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	40.2	mg/L	0.2
Nickel	0.0127	mg/L	0.0006
Sulfate	570	mg/L	20
Temperature	23.8	°C	
Total Dissolved Solids	1220	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.01	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 13-Aug-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	91.0	mg/L	0.2
Chloride	24	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0008	mg/L	0.0005
Field Conductivity	556	µS/cm	
Field pH	7.04	s.u.	
Hardness as CaCO3	264	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.8	mg/L	0.2
Nickel	0.0018	mg/L	0.0006
Sulfate	230	mg/L	20
Temperature	28.2	°C	
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 13-Aug-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	242	mg/L	0.2
Chloride	84	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1278	µS/cm	
Field pH	6.91	s.u.	
Hardness as CaCO3	786	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	44.1	mg/L	0.2
Nickel	0.0126	mg/L	0.0006
Sulfate	650	mg/L	20
Temperature	23.7	°C	
Total Dissolved Solids	1210	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.20	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 27-Aug-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	267	mg/L	0.2
Chloride	87.08	mg/L	0.5
Chromium	< 0.01	mg/L	0.01
Copper	< 0.01	mg/L	0.01
Field Conductivity	1420	µS/cm	
Field pH	7.27	s.u.	
Hardness as CaCO3	878	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	51.2	mg/L	0.2
Nickel	0.03	mg/L	0.01
Sulfate	750	mg/L	20
Temperature	22.6	°C	
Total Dissolved Solids	1360	mg/L	10
Total Suspended Solids	6	mg/L	5
Zinc	0.02	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 06-Sep-12

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	107.0	mg/L	0.2
Chloride	29	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0033	mg/L	0.0005
Field Conductivity	600	µS/cm	
Field pH	6.46	s.u.	
Hardness as CaCO3	316	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.7	mg/L	0.2
Nickel	0.0043	mg/L	0.0006
Sulfate	240	mg/L	20
Temperature	28.7	°C	
Total Dissolved Solids	430	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 06-Sep-12

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	315	mg/L	0.2
Chloride	110	mg/L	10
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	1639	µS/cm	
Field pH	6.63	s.u.	
Hardness as CaCO3	1070	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	67.8	mg/L	0.2
Nickel	0.0303	mg/L	0.0006
Sulfate	830	mg/L	30
Temperature	24.5	°C	
Total Dissolved Solids	1470	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 11-Oct-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	98.1	mg/L	0.2
Chloride	22	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	571	µS/cm	
Field pH	7.30	s.u.	
Hardness as CaCO3	286	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.0	mg/L	0.2
Nickel	0.0096	mg/L	0.0006
Sulfate	230	mg/L	20
Temperature	19.5	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 11-Oct-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	210	mg/L	0.2
Chloride	67	mg/L	10
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1583	µS/cm	
Field pH	6.74	s.u.	
Hardness as CaCO3	1030	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	39.4	mg/L	0.2
Nickel	0.0120	mg/L	0.0006
Sulfate	530	mg/L	20
Temperature	15.9	°C	
Total Dissolved Solids	1030	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 15-Oct-12

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	210	mg/L	0.2
Chloride	62.6	mg/L	5
Chromium	< 0.01	mg/L	0.01
Copper	0.02	mg/L	0.01
Field Conductivity	959	µS/cm	
Field pH	6.72	s.u.	
Hardness as CaCO3	689	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	40.0	mg/L	0.2
Nickel	< 0.0100	mg/L	0.01
Sulfate	550	mg/L	20
Temperature	15.8	°C	
Total Dissolved Solids	1020	mg/L	10
Total Suspended Solids	6	mg/L	5
Zinc	< 0.01	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 06-Nov-12

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	101.0	mg/L	0.2
Chloride	19	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	574	µS/cm	
Field pH	6.89	s.u.	
Hardness as CaCO3	296	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.5	mg/L	0.2
Nickel	0.0184	mg/L	0.0006
Sulfate	260	mg/L	20
Temperature	16.9	°C	
Total Dissolved Solids	450	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 06-Nov-12

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	201	mg/L	0.2
Chloride	60	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1123	µS/cm	
Field pH	7.02	s.u.	
Hardness as CaCO3	656	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	37.4	mg/L	0.2
Nickel	0.0098	mg/L	0.0006
Sulfate	540	mg/L	20
Temperature	12.7	°C	
Total Dissolved Solids	990	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 11-Nov-12

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	131.0	mg/L	0.2
Chloride	41	mg/L	1
Chromium	0.0006	mg/L	0.0005
Copper	0.0012	mg/L	0.0005
Field Conductivity	789	µS/cm	
Field pH	6.98	s.u.	
Hardness as CaCO3	427	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.2	mg/L	0.2
Nickel	0.0079	mg/L	0.0006
Sulfate	350	mg/L	20
Temperature	16.0	°C	
Total Dissolved Solids	670	mg/L	10
Total Suspended Solids	55	mg/L	2
Zinc	0.04	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 10-Dec-12

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	97.3	mg/L	0.2
Chloride	20	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	588	µS/cm	
Field pH	6.89	s.u.	
Hardness as CaCO3	288	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.0	mg/L	0.2
Nickel	0.0162	mg/L	0.0006
Sulfate	260	mg/L	20
Temperature	11.8	°C	
Total Dissolved Solids	450	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 10-Dec-12

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	199	mg/L	0.2
Chloride	66	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1190	µS/cm	
Field pH	6.94	s.u.	
Hardness as CaCO3	647	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	36.3	mg/L	0.2
Nickel	0.0118	mg/L	0.0006
Sulfate	550	mg/L	20
Temperature	9.5	°C	
Total Dissolved Solids	1000	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
Mailing Address 2754 Compass Drive, Suite 280, Grand Junction, Colorado 81506-8741
Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 10-Jan-13

	Result	Units	Detection Limit
Cadmium	0.0005	mg/L	0.0001
Calcium	97.7	mg/L	0.2
Chloride	14	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	569	µS/cm	
Field pH	6.90	s.u.	
Hardness as CaCO3	296	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.7	mg/L	0.2
Nickel	0.0353	mg/L	0.0006
Sulfate	240	mg/L	20
Temperature	11.2	°C	
Total Dissolved Solids	440	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 10-Jan-13

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	179	mg/L	0.2
Chloride	48	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	990	µS/cm	
Field pH	7.05	s.u.	
Hardness as CaCO3	576	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	31.2	mg/L	0.2
Nickel	0.0160	mg/L	0.0006
Sulfate	450	mg/L	20
Temperature	13.5	°C	
Total Dissolved Solids	820	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.08	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL **Sampling Date 11-Feb-13**

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	91.9	mg/L	0.2
Chloride	20	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	564	µS/cm	
Field pH	7.07	s.u.	
Hardness as CaCO3	281	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.4	mg/L	0.2
Nickel	0.0174	mg/L	0.0006
Sulfate	230	mg/L	20
Temperature	12.6	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A **Sampling Date 11-Feb-13**

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	158	mg/L	0.2
Chloride	44	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	912	µS/cm	
Field pH	7.31	s.u.	
Hardness as CaCO3	511	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	28.3	mg/L	0.2
Nickel	0.0108	mg/L	0.0006
Sulfate	410	mg/L	20
Temperature	10.9	°C	
Total Dissolved Solids	760	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

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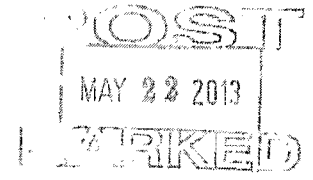
Sampling Point: Wilson Creek WILL Sampling Date 11-Mar-13

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	86.7	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	578	µS/cm	
Field pH	7.23	s.u.	
Hardness as CaCO ₃	266	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.1	mg/L	0.2
Nickel	0.0289	mg/L	0.0006
Sulfate	230	mg/L	20
Temperature	11.5	°C	
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 11-Mar-13

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	139	mg/L	0.2
Chloride	36	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	879	µS/cm	
Field pH	7.28	s.u.	
Hardness as CaCO ₃	450	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	24.9	mg/L	0.2
Nickel	0.0109	mg/L	0.0006
Sulfate	370	mg/L	20
Temperature	9.5	°C	
Total Dissolved Solids	670	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.05	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 09-Apr-13

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	77.1	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	569	µmho/cm	
Field pH	7.11	s.u.	
Hardness as CaCO3	236	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.6	mg/L	0.2
Nickel	0.0219	mg/L	0.0006
Sulfate	230	mg/L	10
Temperature	15.2	°C	
Total Dissolved Solids	370	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 09-Apr-13

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	122	mg/L	0.2
Chloride	34	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	1292	µmho/cm	
Field pH	7.03	s.u.	
Hardness as CaCO3	394	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	21.6	mg/L	0.2
Nickel	0.0065	mg/L	0.0006
Sulfate	330	mg/L	20
Temperature	15.1	°C	
Total Dissolved Solids	610	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.08	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 16-May-13

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	80.0	mg/L	0.2
Chloride	14	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	505	µmho/cm	
Field pH	7.01	s.u.	
Hardness as CaCO3	245	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.9	mg/L	0.2
Nickel	0.0101	mg/L	0.0006
Sulfate	197	mg/L	5
Temperature	19.2	°C	
Total Dissolved Solids	360	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 16-May-13

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	164	mg/L	0.2
Chloride	46	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	848	µmho/cm	
Field pH	6.99	s.u.	
Hardness as CaCO3	525	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	28.1	mg/L	0.2
Nickel	0.0070	mg/L	0.0006
Sulfate	380	mg/L	20
Temperature	15.1	°C	
Total Dissolved Solids	770	mg/L	10
Total Suspended Solids	6	mg/L	2
Zinc	0.04	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 06-Jun-13

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	56.9	mg/L	0.2
Chloride	9	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0011	mg/L	0.0005
Field Conductivity	364	µmho/cm	
Field pH	6.67	s.u.	
Hardness as CaCO3	175	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	7.9	mg/L	0.2
Nickel	0.0185	mg/L	0.0006
Sulfate	156	mg/L	5
Temperature	22.1	°C	
Total Dissolved Solids	260	mg/L	10
Total Suspended Solids	4	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 06-Jun-13

	Result	Units	DetectionLimit
Cadmium	0.0001	mg/L	0.0001
Calcium	124	mg/L	0.2
Chloride	38	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	731	µmho/cm	
Field pH	6.93	s.u.	
Hardness as CaCO3	400	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	22	mg/L	0.2
Nickel	0.0139	mg/L	0.0006
Sulfate	320	mg/L	20
Temperature	20.0	°C	
Total Dissolved Solids	620	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.04	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 09-Jul-13

	Result	Units	DetectionLimit
Cadmium	0.0004	mg/L	0.0001
Calcium	86.9	mg/L	0.2
Chloride	14	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	604	µmho/cm	
Field pH	6.91	s.u.	
Hardness as CaCO3	269	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.6	mg/L	0.2
Nickel	0.0281	mg/L	0.0006
Sulfate	217	mg/L	20
Temperature	18.5	°C	
Total Dissolved Solids	430	mg/L	10
Total Suspended Solids	5	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 09-Jul-13

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	195	mg/L	0.2
Chloride	60	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1225	µmho/cm	
Field pH	6.80	s.u.	
Hardness as CaCO3	622	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	32.8	mg/L	0.2
Nickel	0.0069	mg/L	0.0006
Sulfate	454	mg/L	20
Temperature	25.1	°C	
Total Dissolved Solids	1000	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.01	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 08-Aug-13

	Result	Units	Detection Limit
Cadmium	0.0003	mg/L	0.0001
Calcium	79.5	mg/L	0.2
Chloride	17	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	555	µmho/cm	
Field pH	6.81	s.u.	
Hardness as CaCO3	237	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.2	mg/L	0.2
Nickel	0.0052	mg/L	0.0006
Sulfate	196	mg/L	5
Temperature	27.4	°C	
Total Dissolved Solids	376	mg/L	10
Total Suspended Solids	3	mg/L	2
Zinc	0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 08-Aug-13

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	202	mg/L	0.2
Chloride	64	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1297	µmho/cm	
Field pH	7.20	s.u.	
Hardness as CaCO3	643	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	33.5	mg/L	0.2
Nickel	0.0089	mg/L	0.0006
Sulfate	545	mg/L	20
Temperature	23.3	°C	
Total Dissolved Solids	1000	mg/L	10
Total Suspended Solids	5	mg/L	2
Zinc	0.02	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 04-Sep-13

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	82.4	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	486	µmho/cm	
Field pH	6.56	s.u.	
Hardness as CaCO3	247	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.9	mg/L	0.2
Nickel	0.0104	mg/L	0.0006
Sulfate	212	mg/L	20
Temperature	27.6	°C	
Total Dissolved Solids	400	mg/L	10
Total Suspended Solids	9	mg/L	2
Zinc	< 0.01	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 04-Sep-13

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	188	mg/L	0.2
Chloride	59	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1242	µmho/cm	
Field pH	7.09	s.u.	
Hardness as CaCO3	599	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	31.3	mg/L	0.2
Nickel	0.0079	mg/L	0.0006
Sulfate	449	mg/L	50
Temperature	21.1	°C	
Total Dissolved Solids	960	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 01-Oct-13

	Result	Units	Detection Limit
Cadmium	0.0001	mg/L	0.0001
Calcium	87.7	mg/L	0.2
Chloride	15	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	457	µmho/cm	
Field pH	6.83	s.u.	
Hardness as CaCO ₃	263	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.7	mg/L	0.2
Nickel	0.0115	mg/L	0.0006
Sulfate	225	mg/L	20
Temperature	24.8	°C	
Total Dissolved Solids	400	mg/L	10
Total Suspended Solids	18	mg/L	5
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 01-Oct-13

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	216	mg/L	0.2
Chloride	64	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	707	µmho/cm	
Field pH	7.14	s.u.	
Hardness as CaCO ₃	689	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	36.2	mg/L	0.2
Nickel	0.0095	mg/L	0.0006
Sulfate	553	mg/L	20
Temperature	22.1	°C	
Total Dissolved Solids	1040	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: **Wilson Creek WILL** Sampling Date **04-Nov-13**

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	88.6	mg/L	0.2
Chloride	19	mg/L	1
Chromium	0.0008	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	576	µmho/cm	
Field pH	6.61	s.u.	
Hardness as CaCO3	270	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.7	mg/L	0.2
Nickel	0.0216	mg/L	0.0006
Sulfate	221	mg/L	20
Temperature	15.8	°C	
Total Dissolved Solids	420	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: **Indian Creek IC07-A** Sampling Date **04-Nov-13**

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	210	mg/L	0.2
Chloride	59	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1133	µmho/cm	
Field pH	7.09	s.u.	
Hardness as CaCO3	673	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	36.1	mg/L	0.2
Nickel	0.0147	mg/L	0.0006
Sulfate	515	mg/L	20
Temperature	13.9	°C	
Total Dissolved Solids	990	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

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Sampling Point: Wilson Creek WILL Sampling Date 10-Dec-13

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	86.1	mg/L	0.2
Chloride	18	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	629	µmho/cm	
Field pH	6.52	s.u.	
Hardness as CaCO3	265	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	12.2	mg/L	0.2
Nickel	0.0288	mg/L	0.0006
Sulfate	244	mg/L	20
Temperature	8.6	°C	
Total Dissolved Solids	390	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.06	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 10-Dec-13

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	172	mg/L	0.2
Chloride	45	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1290	µmho/cm	
Field pH	7.16	s.u.	
Hardness as CaCO3	550	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	29.2	mg/L	0.2
Nickel	0.0134	mg/L	0.0006
Sulfate	444	mg/L	20
Temperature	4.1	°C	
Total Dissolved Solids	810	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

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Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 08-Jan-14

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	82.0	mg/L	0.2
Chloride	12	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	582	µmho/cm	
Field pH	6.69	s.u.	
Hardness as CaCO ₃	251	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.3	mg/L	0.2
Nickel	0.0330	mg/L	0.0006
Sulfate	223	mg/L	20
Temperature	6.9	°C	
Total Dissolved Solids	390	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.06	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 08-Jan-14

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	170	mg/L	0.2
Chloride	46	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	1028	µmho/cm	
Field pH	6.78	s.u.	
Hardness as CaCO ₃	544	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	28.9	mg/L	0.2
Nickel	0.0095	mg/L	0.0006
Sulfate	409	mg/L	20
Temperature	4.1	°C	
Total Dissolved Solids	800	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 3100 State Road, Croydon, Pennsylvania 19021
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 06-Feb-14

	Result	Units	DetectionLimit
Cadmium	0.0005	mg/L	0.0001
Calcium	76.3	mg/L	0.1
Chloride	14	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0009	mg/L	0.0005
Field Conductivity	513	µmho/cm	
Field pH	6.81	s.u.	
Hardness as CaCO3	236	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.9	mg/L	0.2
Nickel	0.0300	mg/L	0.0006
Sulfate	208	mg/L	20
Temperature	4.3	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 06-Feb-14

	Result	Units	DetectionLimit
Cadmium	0.0003	mg/L	0.0001
Calcium	94.4	mg/L	0.1
Chloride	21	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0005	mg/L	0.0005
Field Conductivity	532	µmho/cm	
Field pH	7.17	s.u.	
Hardness as CaCO3	305	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	16.8	mg/L	0.2
Nickel	0.0139	mg/L	0.0006
Sulfate	245	mg/L	20
Temperature	2.1	°C	
Total Dissolved Solids	470	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.06	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 3100 State Road, Croydon, Pennsylvania 19021
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 07-Mar-14

	Result	Units	Detection Limit
Cadmium	0.0004	mg/L	0.0001
Calcium	80.3	mg/L	0.1
Chloride	13	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	513	µmho/cm	
Field pH	6.68	s.u.	
Hardness as CaCO ₃	247	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	11.3	mg/L	0.2
Nickel	0.0313	mg/L	0.0006
Sulfate	203	mg/L	20
Temperature	10	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.04	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 07-Mar-14

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	117	mg/L	0.1
Chloride	27	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0007	mg/L	0.0005
Field Conductivity	741	µmho/cm	
Field pH	7.03	s.u.	
Hardness as CaCO ₃	375	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	20.2	mg/L	0.2
Nickel	0.0094	mg/L	0.0006
Sulfate	293	mg/L	20
Temperature	6.3	°C	
Total Dissolved Solids	520	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.03	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 3100 State Road, Croydon, Pennsylvania 19021
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 02-Apr-14

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	73.3	mg/L	0.1
Chloride	13	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	482	µmho/cm	
Field pH	6.53	s.u.	
Hardness as CaCO3	227	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	10.6	mg/L	0.2
Nickel	0.0210	mg/L	0.0006
Sulfate	205	mg/L	20
Temperature	15.1	°C	
Total Dissolved Solids	380	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 02-Apr-14

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	102	mg/L	0.1
Chloride	24	mg/L	1
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	641	µmho/cm	
Field pH	7.11	s.u.	
Hardness as CaCO3	324	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	16.8	mg/L	0.2
Nickel	0.0037	mg/L	0.0006
Sulfate	261	mg/L	20
Temperature	15.4	°C	
Total Dissolved Solids	510	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	< 0.01	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 3100 State Road, Croydon, Pennsylvania 19021
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date 09-May-14

	Result	Units	DetectionLimit
Cadmium	0.0002	mg/L	0.0001
Calcium	63.3	mg/L	0.1
Chloride	10.9	mg/L	1
Chromium	0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	497	µmho/cm	
Field pH	6.76	s.u.	
Hardness as CaCO3	197	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	9.4	mg/L	0.2
Nickel	0.0241	mg/L	0.0006
Sulfate	171	mg/L	5
Temperature	17.9	°C	
Total Dissolved Solids	310	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.02	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date 09-May-14

	Result	Units	DetectionLimit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	112	mg/L	0.1
Chloride	30.7	mg/L	0.5
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	825	µmho/cm	
Field pH	7.01	s.u.	
Hardness as CaCO3	357	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	18.9	mg/L	0.2
Nickel	0.0080	mg/L	0.0006
Sulfate	270	mg/L	20
Temperature	17.9	°C	
Total Dissolved Solids	540	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.01	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 310 George Patterson Blvd, Suite 100, Bristol, PA 19007
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048960 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date: 6-Jun-14

	Result	Units	Detection Limit
Cadmium	0.0002	mg/L	0.0001
Calcium	63.7	mg/L	0.1
Chloride	10.5	mg/L	0.5
Chromium	< 0.0005	mg/L	0.0005
Copper	0.0006	mg/L	0.0005
Field Conductivity	412	µmho/cm	
Field pH	6.39	s.u.	
Hardness as CaCO3	195	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	8.7	mg/L	0.2
Nickel	0.0187	mg/L	0.0006
Sulfate	171	mg/L	5
Temperature	22.3	°C	
Total Dissolved Solids	310	mg/L	10
Total Suspended Solids	2	mg/L	2
Zinc	0.03	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date: 6-Jun-14

	Result	Units	Detection Limit
Cadmium	< 0.0001	mg/L	0.0001
Calcium	114	mg/L	0.1
Chloride	29	mg/L	0.5
Chromium	< 0.0005	mg/L	0.0005
Copper	< 0.0005	mg/L	0.0005
Field Conductivity	700	µmho/cm	
Field pH	7.24	s.u.	
Hardness as CaCO3	362	mg/L	1
Lead	< 0.0001	mg/L	0.0001
Magnesium	18.7	mg/L	0.2
Nickel	0.0058	mg/L	0.0006
Sulfate	286	mg/L	20
Temperature	21.4	°C	
Total Dissolved Solids	530	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc	0.01	mg/L	0.01

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 2754 Compass Drive, Suite 280, Grand Junction, Colorado 81506
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL Sampling Date: 7-Jul-14

	Result	Units	Detection Limit
Cadmium (dissolved)	0.0003 J	mg/L	0.0001
Calcium (dissolved)	71.1	mg/L	0.1
Chloride	11	mg/L	0.5
Chromium (dissolved)	0.0005 J	mg/L	0.0005
Copper (dissolved)	< 0.0005	mg/L	0.0005
Field Conductivity	443	µmho/cm	-
Field pH	6.66	s.u.	-
Hardness as CaCO3	217	mg/L	0.8
Iron (dissolved)	0.02 J	mg/L	0.02
Lead (dissolved)	< 0.0001	mg/L	0.0001
Magnesium (dissolved)	9.5	mg/L	0.2
Nickel (dissolved)	0.0231	mg/L	0.0006
Sulfate	193 J	mg/L	5
Temperature	26.4	°C	-
Total Dissolved Solids	340	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc (dissolved)	0.02 J	mg/L	0.01

Sampling Point: Indian Creek IC07-A Sampling Date: 7-Jul-14

	Result	Units	Detection Limit
Cadmium (dissolved)	< 0.0001	mg/L	0.0001
Calcium (dissolved)	144	mg/L	0.1
Chloride	35.4	mg/L	0.5
Chromium (dissolved)	< 0.0005	mg/L	0.0005
Copper (dissolved)	< 0.0005	mg/L	0.0005
Field Conductivity	858	µmho/cm	-
Field pH	7.33	s.u.	-
Hardness as CaCO3	458	mg/L	0.8
Iron (dissolved)	0.19	mg/L	0.02
Lead (dissolved)	< 0.0001	mg/L	0.0001
Magnesium (dissolved)	23.9	mg/L	0.2
Nickel (dissolved)	0.0056	mg/L	0.0006
Sulfate	339	mg/L	20
Temperature	22.2	°C	-
Total Dissolved Solids	700	mg/L	10
Total Suspended Solids	2 J	mg/L	2
Zinc (dissolved)	< 0.01	mg/L	0.01

J - estimated

Name Umetco Minerals Corporation - Wilson Mine Area
 Mailing Address 2754 Compass Drive, Suite 280, Grand Junction, Colorado 81506
 Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095

Sampling Point: Wilson Creek WILL **Sampling Date:** 11-Aug-14

	Result	Units	Detection Limit
Cadmium (dissolved)	0.0003*	mg/L	0.0001
Calcium (dissolved)	75.6	mg/L	0.1
Chloride	13.7	mg/L	0.5
Chromium (dissolved)	< 0.0005	mg/L	0.0005
Copper (dissolved)	0.0006*	mg/L	0.0005
Field Conductivity	503	µmho/cm	-
Field pH	6.62	s.u.	-
Hardness as CaCO3	233	mg/L	0.8
Iron (dissolved)	< 0.02	mg/L	0.02
Lead (dissolved)	< 0.0001	mg/L	0.0001
Magnesium (dissolved)	10.7	mg/L	0.2
Nickel (dissolved)	0.0221	mg/L	0.0006
Sulfate	210	mg/L	20
Temperature	27.8	°C	-
Total Dissolved Solids	350	mg/L	10
Total Suspended Solids	2*	mg/L	2
Zinc (dissolved)	0.02*	mg/L	0.01

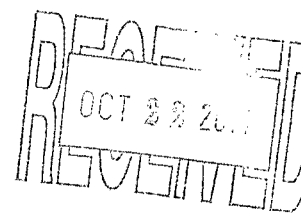
Sampling Point: Indian Creek IC07-A **Sampling Date:** 11-Aug-14

	Result	Units	Detection Limit
Cadmium (dissolved)	< 0.0001	mg/L	0.0001
Calcium (dissolved)	134	mg/L	0.1
Chloride	32	mg/L	0.5
Chromium (dissolved)	< 0.0005	mg/L	0.0005
Copper (dissolved)	< 0.0005	mg/L	0.0005
Field Conductivity	801	µmho/cm	-
Field pH	7.18	s.u.	-
Hardness as CaCO3	425	mg/L	0.8
Iron (dissolved)	0.18	mg/L	0.02
Lead (dissolved)	< 0.0001	mg/L	0.0001
Magnesium (dissolved)	21.9	mg/L	0.2
Nickel (dissolved)	0.0062	mg/L	0.0006
Sulfate	333	mg/L	20
Temperature	23.9	°C	-
Total Dissolved Solids	610	mg/L	10
Total Suspended Solids	< 2	mg/L	2
Zinc (dissolved)	0.01*	mg/L	0.01

* Analyte concentration detected at a value between the detection limit and the practical quantitation limit

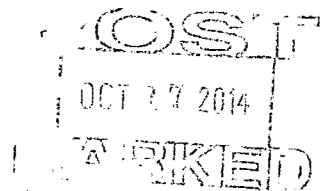
Name Umetco Minerals Corporation - Wilson Mine Area
Mailing Address 2754 Compass Drive, Suite 280, Grand Junction, Colorado 81506
Facility Address 271 Indian Springs Road, Hot Springs, Arkansas 71901

Permit Number AR0048950 Consent Administrative Order LIS No. 07-095



Sampling Point: Wilson Creek WILL Sampling Date: 5-Sep-14

	Result	Units	Detection Limit
Cadmium (dissolved)	0.0002*	mg/L	0.0001
Calcium (dissolved)	84.4	mg/L	0.1
Chloride	12.3	mg/L	0.5
Chromium (dissolved)	< 0.0005	mg/L	0.0005
Copper (dissolved)	< 0.0005	mg/L	0.0005
Field Conductivity	514	µmho/cm	-
Field pH	6.19	s.u.	-
Hardness as CaCO3	261	mg/L	0.8
Iron (dissolved)	0.02*	mg/L	0.02
Lead (dissolved)	< 0.0001	mg/L	0.0001
Magnesium (dissolved)	12.1	mg/L	0.2
Nickel (dissolved)	0.0175	mg/L	0.0006
Sulfate	247	mg/L	20
Temperature	26.9	°C	-
Total Dissolved Solids	410	mg/L	10
Total Suspended Solids	3*	mg/L	2
Zinc (dissolved)	< 0.01	mg/L	0.01



Sampling Point: Indian Creek IC07-A Sampling Date: 5-Sep-14

	Result	Units	Detection Limit
Cadmium (dissolved)	< 0.0001	mg/L	0.0001
Calcium (dissolved)	164	mg/L	0.1
Chloride	39.8	mg/L	0.5
Chromium (dissolved)	< 0.0005	mg/L	0.0005
Copper (dissolved)	< 0.0005	mg/L	0.0005
Field Conductivity	937	µmho/cm	-
Field pH	6.78	s.u.	-
Hardness as CaCO3	523	mg/L	0.8
Iron (dissolved)	0.19	mg/L	0.02
Lead (dissolved)	0.0026	mg/L	0.0001
Magnesium (dissolved)	27.5	mg/L	0.2
Nickel (dissolved)	0.0036	mg/L	0.0006
Sulfate	430	mg/L	20
Temperature	24.8	°C	-
Total Dissolved Solids	820	mg/L	10
Total Suspended Solids	27	mg/L	2
Zinc (dissolved)	< 0.01	mg/L	0.01

* Analyte concentration detected at a value between the detection limit and the practical quantitation limit