

**HISTORIC STREAM FLOW MEASUREMENT SUMMARY
AND
2003 AND 2004 STREAM FLOW MEASUREMENT DATA**

Historic Stream Flow Measurement Summary – South Fork Sage Creek

LOCATION	DATA REFERENCE	PERIOD OF RECORD	SPRING SEASON RANGE (cfs) (# of values)	FALL SEASON RANGE (cfs) (# of values)
Upper South Fork Sage Creek	TRC Mariah (2001)	1992-2000	0.0-16.6 (8)	0-0.52 (6)
	Montgomery Watson (1999, 2000)	1998, spring 2000	4.6-5.0 (2)	0.16 (1)
	Maxim (2001)	2000	0.53 (1)	0.0 (1)
Lower South Fork Sage Creek	TRC Mariah (2001)	1992-2000	4.8-37.6 (7)	4.4-14.5 (8)
	Montgomery Watson (1999, 2000)	1998, spring 2000	19.3 (1)	7.0 (1)
	Maxim (2001)	2000	6.97 (1)	6.33 (1)

2003 and 2004 Streamflow Measurement Data (cfs) – Mainstem Deer Creek

STATION ID	MAY-JUNE 2002	AUG-SEPT 2002	MAY 2003	JULY 2003	AUG 2003	OCT 2003	FEB 2004	MAY 2004	JUNE 2004	AUG 2004
SW-DC-200	----	----	1.16	----	0.03	Flowing	----	0.39	0.14	0.04
SW-DC-300	1.49	Dry	7.23	----	Dry	Dry	----	2.33	----	Dry
SW-DC-400	5.94	Dry	7.22	----	Dry	Dry	----	2.68	----	Dry
SW-DC-500	6.28	----	9.26	----	0.35	0.15	----	3.79	----	0.49
SW-DC-800	----	----	9.67	2.76	1.68	1.52	1.25	5.4	6.76	1.89

SUMMARY OF SURFACE WATER DATA

TABLE A-1
SUMMARY OF SURFACE WATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dis-solved Solids (mg/L)	Total Sus-pended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
CROW CREEK														
SW-CC-50	7/29/2003	0.82	20.2	8.44	--	437	356	153	12.25	3.4	--	252	7	--
SW-CC-50	5/19/2004	1.57	13.54	6.88	8.39	457	e% 432	144	9.79	U 185	H 1.42	283	e <5	--
SW-CC-50	8/24/2004	0.91	13.7	8.38	8.36	449	451	158	5.1	2.99	H 1.55	H 241	H <5	--
SW-CC-100	8/15/2003	1.84	15.8	8.36	8.39	324	416	-39	6.91	1	0.424	226	5	--
SW-CC-100	10/29/2003	10.8	6	8.3	8.3	264	436	63	10.3	--	0.881	222	6	--
SW-CC-100	5/19/2004	10.025	14.78	6.99	8.44	424	e% 408	153	10.49	U 168	H 1.22	268	e <5	--
SW-CC-100	8/24/2004	2.1	11.6	8.31	8.37	440	440	154	9.01	1	H 0.479	H 230	H <5	--
SW-CC-300	5/20/2003	29.33	15	8.51	8.7	453	527	84	9.1	0	qe% 3.2	288	e 7	--
SW-CC-300	7/29/2003	8.51	12.6	8.38	--	625	486	171	10.8	0.77	--	352	<5	--
SW-CC-300	8/12/2003	10.37	19.17	8.41	8.59	532	570	128	10.08	--	Hqe% 1.27	e% 292	<5	--
SW-CC-300	5/19/2004	16.81	8.85	6.55	8.31	529	e% 496	205	11.25	U 91	H 0.971	293	e 5	--
SW-CC-300	8/24/2004	12.1	13.6	8.58	8.45	653	651	153	10.45	1.74	H 0.391	H 335	H <5	--
SW-CC-800	5/20/2003	54.23	15.5	8.59	8.9	516	590	125	11.5	6.4	qe% 3.4	333	e 9	--
SW-CC-800	8/15/2003	24.59	21.4	8.71	8.67	443	560	58	7.8	1	0.974	308	5	--
SW-CC-800	5/19/2004	28.93	9	6.28	8.38	650	e% 370	201	10.75	U 3.8	H 2.09	372	e <5	--
SW-CC-800	8/24/2004	30.4	15	8.81	1.36	638	32700	188	5.1	1.64	H 0.216	H 350	H 20	--
SP-UTCC-50	7/29/2003	0.065	14.7	7.95	--	379	286	174	7.43	0.79	--	233	<5	--
SP-RIEDE	7/30/2003	No Flow	11.3	7.92	--	424	353	92	8.8	--	--	237	<5	--
SP-BOOKS	6/5/2003	--	--	--	7.6	--	498	--	--	--	1.1	264	11	--
SP-BOOKS	7/30/2003	1.74	14.5	7.88	--	441	392	105	8.9	1.31	--	218	<5	--
SP-BOOKS	8/14/2003	2.91	13.85	7.73	8.35	400	430	-5	11.51	--	Hqe% 0.596	He% 207	<5	--
SP-BOOKS	5/19/2004	2.36	12.4	6.7	8.07	465	e% 445	130	11.03	U 182	H 0.212	261	e <5	--
SP-BOOKS	8/24/2004	1.95	12.2	8.11	8.2	463	460	195	8.48	0.5	H 0.352	H 232	H <5	--
SP-CC-500	7/30/2003	0.003	14	8.13	--	629	536	93	8.24	2.46	--	392	7	--

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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dis-solved Solids (mg/L)	Total Sus-pended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
SP-QH-800	10/30/2003	0.0038	1.89	8.24	8.16	270	392	12	10.1	--	Hq 0.746	258	62	--
SOUTH FORK SAGE CREEK														
SW-SFSC-200	5/20/2003	2.6	2.2	6.69	7.5	71	64	--	8.8	3.7	qe% 2.4	49	e 6	--
SW-SFSC-200	8/12/2003	0.0067	11.3	8.2	8.23	286	359	3	7	0	0.142	H 178	<5	--
SW-SFSC-500	5/20/2002	3.78	8	7.7	8.3	140	214	--	10.4	3	1.4	125	8	--
SW-SFSC-500	8/12/2003	0.0089	11.4	8.42	8.41	281	348	-39	6.43	0	H 0.184	H 144	<5	--
SW-SFSC-800	8/12/2003	5.78	11.5	7.54	7.88	311	400	10	6.57	0	H 0.386	H 198	<5	<25
SW-SFSC-800	5/18/2004	5	11.65	6.55	8.29	362	408	83	6.8	U 677	H 0.512	221	<5	--
SP-UTSFSC-100	5/21/2002	0.01	2	8.3	8.4	320	394	--	9.8	4	0.13	228	8	--
SP-UTSFSC-100	8/6/2002	0.001	14	7.7	8.5	290	397	--	7	0	0.8	220	e% 7	--
SP-UTSFSC-100	5/20/2003	0.02	2.7	8.1	8.3	340	434	119	10.4	0.6	qe% 0.4	238	e <4	--
SP-UTSFSC-100	8/12/2003	0.006	13.25	7.7	8.04	352	426	157	6.9	--	Hqe% 33	e% 209	70	--
SP-SFSC-100	10/28/2003	0.01	4	7.7	8.04	168	299	10	5.5	--	He% 0.737	152	e% <5	--
SP-UTSFSC-200	9/23/2002	0.002	4	7.3	7.7	220	358	180	8.3	7.9	29	231	36	--
SP-UTSFSC-200	5/20/2003	0.02	3.4	7.36	7.9	376	445	97	10.1	3.6	qe% 2	252	e 19	--
SP-UTSFSC-200	8/12/2003	0.012	10.63	7.63	8.08	382	454	174	8.14	--	Hqe% 2.88	e% 223	13	--
SP-UTSFSC-200	10/29/2003	0.0014	6	7.9	8.09	300	490	--	7.6	1	0.572	237	<5	--
SP-SFSC-750	7/28/2003	3.88	11.4	7.4	--	370	281	187	6.4	0.7	--	221	<5	--
SP-SFSC-750	8/12/2003	4.39	11.4	7.49	7.83	297	394	33	5.85	0	H 0.182	H 198	<5	--
SP-HOOPES	7/28/2003	4.508	11.8	7.36	--	447	333	178	5.53	0.16	--	276	<5	--
SP-UTSC-850	5/18/2004	0.0007	14.09	6.62	8.05	410	461	58	5.87	U 27.4	H 2.26	245	7	--
MANNING CREEK														
SP-MC-300	5/21/2002	0.16	4	8	8.2	310	417	--	9.9	1	2.3	243	8	--
SP-MC-300	5/20/2003	0.01	5.9	7.58	7.9	337	398	117	9.3	1.5	qe% 0.93	216	e 4	--
SP-MC-300	8/25/2004	0.006	6.1	7.8	8.25	386	416	209	8.34	87.6	H 6.58	H 212	H 235	--

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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dis-solved Solids (mg/L)	Total Sus-pended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
DEER CREEK														
SW-DC-200	5/18/2003	1.16	7	8.66	8.2	184	257	62	11.8	9	e% 1.3	154	e% 4	--
SW-DC-200	8/14/2003	0.028	7.95	7.65	8.1	296	368	137	8.67	--	Hqe% 0.168	e% 195	<5	--
SW-DC-200	5/20/2004	0.394	5.09	6.55	8.24	307	e% 291	118	10.68	U 123	0.476	156	e <5	--
SW-DC-200	8/25/2004	0.04	9.12	8.2	8.27	361	357	172	5.64	4.6	H 0.737	170	<5	--
SW-DC-300	5/22/2002	1.49	--	--	8.6	--	305	--	--	--	2.5	182	6	--
SW-DC-300	5/19/2003	7.23	4.2	8.61	8.5	231	290	78	12.5	6.4	e% 2	167	e% 13	--
SW-DC-400	5/22/2002	5.94	--	--	8.3	--	292	--	--	--	2	132	7	--
SW-DC-400	5/19/2003	7.22	7.9	8.31	8.4	224	275	115	10.7	3.8	e% 1.7	189	e% 6	--
SW-DC-400	5/17/2004	2.677	8	6.51	8.36	298	327	166	6.65	U 166	H 0.504	162	<5	--
SW-DC-500	5/23/2002	6.28	--	--	8.4	--	315	--	--	--	0.9	153	4	--
SW-DC-500	8/7/2002	--	--	--	8.6	--	372	--	--	--	2.9	213	e% 5	--
SW-DC-500	5/19/2003	9.26	8.8	9.3	8.5	224	300	--	11.8	--	e% 1.6	185	e% 6	6
SW-DC-500	8/13/2003	0.35	18.9	8.32	8.5	305	382	105	6.67	8	H 8.87	H 164	19	--
SW-DC-500	10/28/2003	0.15	9	8.3	8.41	290	394	--	8.4	3	He% 0.671	208	e% <5	--
SW-DC-500	5/17/2004	3.79	7.48	6.49	8.43	321	354	212	7.01	U 57.1	H 2.8	239	<5	--
SW-DC-500	8/26/2004	0.49	9.1	8.46	8.41	376	393	167	8.3	4.6	H 1.04	217	12	--
SW-DC-800	5/19/2003	9.67	12.2	8.5	8.6	273	326	85	9.4	5.1	e% 1	209	e% 17	--
SW-DC-800	7/29/2003	2.76	12.6	8.15	--	378	306	178	10.7	1.13	--	194	<5	--
SW-DC-800	8/12/2003	1.68	17.52	8.51	8.57	270	376	112	9.32	--	Hqe% 0.339	e% 214	<5	--
SW-DC-800	10/30/2003	1.52	2.36	8.3	8.34	234	456	58	12.4	--	Hq 25.7	170	6	--
SW-DC-800	5/19/2004	5.397	8.12	6.56	8.32	373	e% 349	172	10.3	U 250	H 0.411	205	e <5	--
SW-DC-800	8/24/2004	1.89	11.8	8.71	8.41	380	384	182	9.1	1.77	H 0.401	H 166	H <5	--
SP-DC-100	10/29/2003	0.0044	5	7.7	7.94	240	336	--	5.3	--	0.189	188	<5	--
SP-DC-350	8/8/2002	0.01	--	--	8.6	--	294	--	--	--	0.21	178	e% <5	--

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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dis-solved Solids (mg/L)	Total Sus-pended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
SP-DC-350	5/19/2003	0.61	4.7	7.62	7.9	113	159	102	10.7	2	e% 1.9	101	e% 1	--
SP-DC-350	8/13/2003	0.038	5.35	7.26	7.95	238	305	196	11.6	--	Hqe% 0.15	e% 159	<5	--
SP-DC-350	5/17/2004	0.243	5.43	6.2	8	203	229	154	6	U 218	H 0.891	132	<5	--
SP-DC-350	8/25/2004	0.013	6.5	8.04	8.26	280	300	219	9.91	6.46	H 0.734	186	21	--
SP-UTDC-700	5/19/2003	0.003	--	--	7.7	--	138	--	--	--	e% 0.43	114	e% 5	--
SP-UTDC-700	8/14/2003	No Flow	15.7	6.56	7.97	183	221	-153	5.24	1	Hqe% 51.4	e% 131	156	--
SP-UTDC-700	10/28/2003	0.002	--	7.1	7.46	109	232	12	4.7	--	He% 86.1	134	e% 109	--
SP-UTDC-700	5/17/2004	0.0036	4.65	6.28	8.2	376	392	168	8.57	U 228	H 8.21	218	20	--
SP-UTDC-700	8/26/2004	0.0015	6.1	8.45	8.23	460	464	221	7.8	79.8	H 0.376	250	38	--
SP-UTDC-800	9/25/2002	0.001	--	--	7.4	--	382	--	--	--	22	285	54	--
SP-UTDC-800	5/19/2003	0.003	2.9	7.46	7.7	189	257	118	13.1	1.3	e% 1.1	153	e% <1	--
SP-UTDC-800	8/13/2003	0.0001	5.47	7.31	7.89	392	377	176	9.7	--	Hqe% 0.432	e% 259	<5	--
SP-UTDC-800	10/28/2003	0.0014	7	7.5	8.01	296	488	16	6.7	--	He% 20.6	270	e% 61	--
SP-UTDC-800	5/17/2004	0.0044	9.74	6.51	7.88	176	179	120	7.32	U 334	H 21.6	88	76	--
NORTH FORK DEER CREEK														
SW-NFDC-200	5/19/2003	0.33	6.9	9.59	8.3	241	347	52	12.2	0	e% 0.86	213	e% 3	--
SW-NFDC-500	5/22/2002	1.49	3	8.5	8.4	280	365	--	8.2	0	0.5	174	<4	--
SW-NFDC-500	8/7/2002	0.55	12	7.5	8.7	260	360	34	7.9	3	2.9	203	e% 5	--
SW-NFDC-500	5/19/2003	2.36	6.2	9.23	8.4	258	357	43	13	11	e% 1.2	226	e% 8	--
SW-NFDC-500	8/13/2003	0.34	11.9	8.04	8.15	296	379	68	6.99	2	H 0.804	H 187	6	--
SW-NFDC-500	10/28/2003	0.148	7	7.8	8.13	280	386	--	7.8	3	He% 1.22	206	e% 9	--
SW-NFDC-900	6/18/2002	1.47	--	--	8.5	--	337	--	--	--	2.8	209	8	--
SW-NFDC-900	8/7/2002	0.43	12	7.8	8.6	270	368	118	8.3	1	3.3	218	e% 10	--
SW-NFDC-900	5/19/2003	2.53	4.1	9.14	8.4	264	361	8	14.6	11	e% 3.1	217	e% 26	--
SW-NFDC-900	8/13/2003	0.43	17.4	8.31	8.47	303	387	127	7.43	5	H 1.69	H 206	<5	--

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IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
SW-NFDC-900	10/28/2003	0.28	9	8.2	8.29	290	414	--	8.1	3	He% 0.457	216	e% <5	--
SW-UTNFDC-510	9/24/2002	0.001	--	--	8.5	--	377	--	--	--	2.9	192	6	--
SW-UTNFDC-510	5/19/2003	0.16	5.1	9.54	8.5	302	421	67	12.3	0	e% 0.6	233	e% 6	--
SW-UTNFDC-510	8/13/2003	0.011	10.2	8.13	8.29	304	438	-9	7.48	5	H 1.63	H 223	10	--
SW-UTNFDC-700	9/23/2002	0.05	8	7.6	7.4	230	251	202	8.4	6	26	121	5	--
SW-UTNFDC-700	5/19/2003	0.12	5.4	9.51	8.5	237	332	58	13.1	12	e% 1.3	207	e% 10	--
SW-UTNFDC-700	8/13/2003	0.12	7.7	8.33	8.33	273	345	10	10.2	1	H 0.238	H 168	<5	--
SW-UTNFDC-700	10/28/2003	0.049	5	7.7	--	250	--	--	8.4	3	--	--	--	--
SW-UTNFDC-800	9/23/2002	0.009	13	8	8.4	260	342	205	7.1	9	0.56	196	3	--
SW-UTNFDC-900	9/23/2002	0.011	9	8.3	8.4	210	226	194	4.8	1	1.2	159	4	--
SW-UTNFDC-950	9/23/2002	0.009	10	7.5	8.2	390	304	198	7.1	10	3.3	179	69	--
SP-NFDC-50	10/29/2003	0.0012	5	7.7	7.91	310	434	--	5.8	--	0.357	239	<5	--
SP-NFDC-700	6/18/2002	0.11	--	--	7.8	--	404	--	--	--	<0.2	264	<4	--
SP-NFDC-700	8/7/2002	0.25	15	7.8	8.6	270	442	69	7.5	1	0.18	239	e% <5	--
SP-NFDC-700	5/19/2003	0.2	5.8	8.45	7.8	285	411	27	9	0	e% 0.33	258	e% 1	--
SP-NFDC-700	8/13/2003	0.024	8.5	7.43	7.76	353	435	30	4.3	1	H 0.139	H 222	<5	--
SP-UTNFDC-400	5/21/2002	0.004	2	8.3	8.2	110	153	--	8.6	5	44	109	52	--
SP-UTNFDC-400	5/20/2003	0.02	4.7	8.47	8	124	165	--	10.1	0	qe% 4.2	103	e 10	--
SP-UTNFDC-510	9/24/2002	--	8	7.8	--	250	--	198	7.9	6	--	--	--	--
SP-UTNFDC-520	9/24/2002	0.003	10	7	7.1	280	364	237	3.7	2	1.6	JH 205	63	--
SP-UTNFDC-520	5/19/2003	0.04	5.5	8.65	7.9	282	436	120	11.7	0	e% 0.66	243	e% 3	--
SP-UTNFDC-520	8/13/2003	0.0045	6	7.45	7.73	327	408	3	6.07	0	H 0.487	H 204	<5	--
SP-UTNFDC-540	8/13/2003	0.0011	--	--	7.92	--	498	--	--	--	H 2.47	H 257	13	--
SP-UTNFDC-540	10/28/2003	0.0004	11	8.3	8.34	250	471	--	6.9	4	He% 2.54	246	e% 18	--
SP-UTNFDC-540	5/17/2004	0.0405	6.56	6.37	8.41	416	463	214	7	U 103	H 0.606	177	<5	--

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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dis-solved Solids (mg/L)	Total Sus-pended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
SP-UTNFDC-600	8/6/2002	0.001	23	7.9	8.4	310	404	85	5.5	5	12	261	e% 32	--
SP-UTNFDC-600	5/20/2003	0.01	5.2	8.81	8.1	268	382	--	10.6	0	qe% 0.83	221	e 6	--
SP-UTNFDC-600	8/14/2003	0.0022	15.4	7.92	8.06	347	434	-59	6.86	2	Hqe% 2.55	e% 232	11	--
SP-UTNFDC-600	10/29/2003	0.0003	7	7.5	8.19	346	573	68	7.4	--	0.755	308	5	--
SP-UTNFDC-600	5/18/2004	0.0144	8.55	6.51	8.18	367	410	90	7.1	U 86	H 4.95	235	11	--
SP-UTNFDC-600	8/25/2004	0.0125	10.7	7.78	8.38	438	494	170	6.55	7.34	H 0.385	H 244	H 21	--
SOUTH FORK DEER CREEK														
SW-SFDC-200	5/18/2003	3.5	6.7	8.62	8.1	194	268	64	11.6	13	e% 6.9	175	e% 21	--
SW-SFDC-200	8/13/2003	0.129	18.7	8.08	8.25	218	276	124	7.61	--	Hqe% 0.802	e% 137	<5	--
SW-SFDC-200	10/28/2003	0.064	7	8.1	8.2	198	341	30	7.9	--	He% 1.71	177	e% <5	--
SW-SFDC-300	5/22/2002	0.21	--	--	8.3	--	284	--	--	--	2.3	138	<4	--
SW-SFDC-300	5/18/2003	0.08	6	8.45	8.2	197	278	68	12.3	5	e% 0.65	168	e% 2	--
SW-SFDC-800	5/23/2002	0.1	6	8.4	8.2	120	158	--	9.9	0	0.4	77	<4	--
SW-SFDC-800	5/19/2003	0.5	5.9	7.99	8.1	89	132	110	10.8	2.2	e% 1.8	97	e% 4	--
SW-SFDC-800	5/17/2004	0.0004	6.15	6.18	8.08	181	200	140	5.86	U 155	H 0.82	100	<5	--
SW-UTSFDC-900	5/19/2003	0.35	5.6	7.86	8.1	78	124	101	10.9	2.8	e% 2.4	87	e% <1	--
SP-UTSFDC-500	5/22/2002	0.002	3	8.2	7.8	100	136	--	9.6	0	1.5	54	<4	--
SP-UTSFDC-600	10/29/2003	No Flow	5	7.8	7.91	310	439	--	2.8	--	0.523	220	<5	--
WELLS CANYON														
SW-WC-800	5/18/2003	0.11	8.8	9.35	8.6	257	359	65	12.7	2	e% 2.5	218	e% 18	--
SW-WC-800	8/12/2003	0.22	15.7	8.36	8.41	308	377	107	8.46	--	Hqe% 8.98	e% 188	16	--
SW-WC-800	10/28/2003	0.18	8	8.2	8.26	280	397	--	7.8	3	He% 2.47	211	e% 5	--
SW-WC-800	5/19/2004	0.194	14.95	6.99	8.49	358	e% 340	125	9.13	U 155	H 0.96	227	e 23	--
SW-WC-800	8/24/2004	0.142	11.3	8.73	8.39	361	364	155	8.6	3.35	H 0.411	H 180	H <5	--
SP-UTWC-300	5/23/2002	0.46	12	6.9	7.4	300	36	--	5.7	5	2.5	22	<6	--

TABLE A-1
SUMMARY OF SURFACE WATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dis-solved Solids (mg/L)	Total Sus-pended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
SP-UTWC-300	5/18/2003	0.005	10.2	7	6.9	26	35	60	7.5	4	e% 7	J 70	e% 4	--
SP-WC-400	5/20/2002	1.82	9	7.9	8.3	210	287	--	9.2	1	4.9	162	12	--
SP-WC-400	8/8/2002	0.002	12	7.9	8.6	260	363	95	6.4	1	11	207	e% 30	--
SP-WC-400	5/18/2003	0.17	5	7.95	7.4	212	289	81	9.1	0	e% 1.6	184	e% 4	--
SP-WC-400	8/13/2003	0.088	15	7.93	8.02	298	368	113	6.6	--	Hqe% 15.8	e% 200	31	--
SP-WC-400	10/28/2003	0.015	7	7.9	8.11	223	377	25	7	--	He% 4.53	207	e% 20	--
SP-WC-400	5/17/2004	0.022	8.94	6.39	8.25	301	340	162	6.32	U 160	H 3.31	175	<5	--
SP-WC-400	8/25/2004	0.013	9.6	7.8	8.33	339	353	170	8.2	4.39	H 3.76	196	122	--
SP-WC-750	6/5/2003	--	--	--	7.7	--	375	--	--	--	<0.2	210	<5	--
SP-WC-750	7/29/2003	0.126	10	7.74	--	365	304	160	7.92	0.33	--	207	<5	--
SP-WC-750	8/14/2003	0.027	8	7.35	7.74	283	356	-29	6.37	6	Hqe% 0.181	e% 175	<5	--
DIAMOND CREEK														
SW-DMC-200	5/18/2003	0.52	4.8	8.08	7.8	84	113	55	19.6	52	e% 12	100	e% 11	--
SW-DMC-200	8/14/2003	0.009	8.9	7.9	8.2	227	287	136	9.71	--	Hqe% 0.264	e% 183	<5	--
STEWART CANYON														
SW-ST-500	8/15/2003	0.093	11.6	8.24	8.35	267	336	-23	5.94	3	0.257	162	5	--
SW-ST-500	5/18/2004	0.32	10.59	6.75	8.35	240	271	54	6.7	U 302	H 2.87	142	<5	--
SW-ST-500	8/26/2004	0.15	8.5	7.4	8.37	330	333	179	9.68	5.26	H 0.431	170	10	--
SW-ST-700	8/26/2004	2.7	12.8	8.37	8.41	287	288	170	16.4	1.24	H 0.424	190	<5	--
SP-ST-100	8/15/2003	0.999	7.3	7.41	7.87	278	363	-44	5.86	3	0.117	182	5	--
SP-ST-100	5/18/2004	3.81	7.18	6.35	7.88	330	371	143	6.47	U 159	H 0.351	223	<5	--
SP-ST-100	8/26/2004	4.2	6.9	7.88	8.27	347	349	200	8.64	0.24	H 0.203	170	<5	--
SP-ST-200	8/15/2003	0.033	6.8	7.35	7.86	282	358	-13	6.52	10	0.103	184	5	--
SP-ST-200	5/18/2004	0.051	6.45	6.32	8.09	337	379	127	6.6	U 165	H 0.426	208	<5	--
SP-ST-200	8/26/2004	0.05	7.6	8.37	8.3	347	351	206	13.28	0.77	H 0.193	183	<5	--

TABLE A-1
SUMMARY OF SURFACE WATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
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Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Oil Grease (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE	NE
LAMB CANYON														
SW-LC-500	8/15/2003	0.45	8.4	8.35	8.35	311	393	-8	6.98	4	2.68	221	10	--
CLEAR CREEK														
SW-CL-800	7/29/2003	0.279	14.3	8.25	--	411	320	150	10.45	0.69	--	232	<5	--
WHITE DUGWAY CREEK														
SW-WD-800	7/29/2003	0.182	25.2	8.8	--	1075	835	127	11.5	2.13	--	610	<5	--
WARM CREEK														
SW-WM-800	7/30/2003	0.26	23.5	8.2	--	546	455	91	11.21	2.93	--	320	<5	--

Notes:

< Indicates analyte not detected above laboratory practical quantification limit (PQL)
 -- Field data or laboratory samples were not collected or analyzed
 (mg/L) Milligrams per liter
 C Degrees centigrade
 cfs Cubic feet per second
 (umhos/cm) Micromhos per centimeter
 ORP Oxygen reduction potential
 (mV) Millivolts
 DO Dissolved oxygen
 (NTU) Nephelometric Turbidity Unit

The SP-UTDC-700 sample collected on 8/14/03 was from a pond with increased turbidity during sample collection due to disturbance of bottom sediment.
 Sample SW-CC-800 collected on 8/24/04 was received by laboratory improperly preserved for non-metals analysis.
 Sample SP-MC-300 collected on 8/8/25/04 exhibited increased turbidity during sample collection due to disturbance of bottom sediment.

J Estimated value (Northern Analytical)
 e Field duplicate results exceed acceptable limits - PQL based determination.
 e% Field duplicate results exceed acceptable limits - relative percent difference determinat
 H Sample analyzed out of holding time.
 q Associated values are estimates - field blank showed evidence of contamination.
 NE Not Established
 U Field observations indicate low turbidity (clear) water
 ** The surface water standards are from IDAPA 58.01.02.250.
 Shading indicates results above Idaho DEQ Standards.

TABLE A-2
SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR MAJOR IONS AND NUTRIENTS
PANELS F AND G
BASELINE STUDY

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Site	Sample Date	Acidity (mg/L)	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
CROW CREEK																			
SW-CC-50	N 7/29/2003	--	222	--	236	--	N 67.2	7.3	0.149	79.7	15.3	--	--	--	--	--	1.03	11.8	19
SW-CC-50	N 5/19/2004	--	228	e 7.5	236	--	65.2	6.18	0.148	219	13.7	--	--	--	--	--	0.662	11	24.2
SW-CC-50	N 8/24/2004	--	231	--	240	--	64.4	e 7.83	0.169	222	14.8	--	--	--	--	--	1.07	11.2	22.4
SW-CC-100	N 8/15/2003	--	189	9.38	199	0.01	54.1	10.9	0.198	197	15	0.03	--	--	0.03	0.05	B 0.84	11	11.5
SW-CC-100	N 10/29/2003	--	199	<1	199	<0.01	60.2	13.2	0.16	211	14.8	<0.02	--	--	<0.01	e 0.02	e% 1.11	10.8	12.1
SW-CC-100	D 10/29/2003	--	198	1.26	200	<0.01	55.4	13.4	0.165	200	15	<0.02	--	--	<0.01	0.04	B 0.907	11	12.1
SW-CC-100	N 5/19/2004	--	200	e 7.58	208	--	55.6	14.4	0.199	201	15.1	--	--	--	--	--	0.542	13.2	15.3
SW-CC-100	N 8/24/2004	--	211	--	219	--	55.8	e 18.2	0.224	205	15.9	--	--	--	--	--	0.744	13.7	15.1
SW-CC-300	N 5/20/2003	<2	qe% 258	--	qe% 212	<0.05	59	47	0.11	e% 213	e% 16	<0.05	<0.05	<0.05	0.03	q 0.06	<1	32	e 16
SW-CC-300	N 7/29/2003	--	226	--	233	--	N 63.3	64.3	0.194	232	17.9	--	--	--	--	--	B 0.771	51.6	16.2
SW-CC-300	N 8/12/2003	--	180	17.38	197.5	0.01	q 53	67.4	0.25	q 200	q 16.4	<0.02	--	--	H <0.01	e% <0.01	B 0.817	q 49.4	17.4
SW-CC-300	N 5/19/2004	--	203	e 3.74	207	--	55.9	43.3	0.208	203	15.3	--	--	--	--	--	0.562	30.1	17.1
SW-CC-300	N 8/24/2004	--	225	--	237	--	58.2	e 73.6	0.229	213	16.5	--	--	--	--	--	0.91	52.7	18.8
SW-CC-800	N 5/20/2003	<2	qe% 210	9	qe% 188	<0.05	59	58	0.18	e% 217	e% 17	<0.05	<0.05	<0.05	0.02	q 0.04	<1	42	e 32
SW-CC-800	N 8/15/2003	--	146	19.2	168	0.01	44.5	56.3	0.255	185	17.8	0.02	--	--	0.01	0.01	1.21	42	39
SW-CC-800	N 5/19/2004	--	204	e 6.98	211	--	59	70.6	0.263	220	17.7	--	--	--	--	--	0.657	45.5	35.9
SW-CC-800	D 5/19/2004	--	208	4.52	212	--	58.9	71.3	0.265	220	17.7	--	--	--	--	--	0.698	45.6	34.5
SW-CC-800	N 8/24/2004	--	<1	--	<1	--	51.1	e 73.8	0.101	205	18.8	--	--	--	--	--	1.21	51.7	42
SP-UTCC-50	N 7/29/2003	--	193	--	193	--	N 38.7	2.89	0.119	143	11.2	--	--	--	--	--	1.05	30.8	20.9
SP-RIEDE	N 7/30/2003	--	194	--	194	--	N 62.4	13.4	0.24	206	12.2	--	--	--	--	--	1.56	14.9	8.38
SP-BOOKS	N 6/5/2003	<2	301	--	235	<0.05	58	30	0.24	211	16	<0.05	<0.05	<0.05	0.04	0.08	<1	19	<5
SP-BOOKS	N 7/30/2003	--	191	--	191	--	N 49.8	31	0.342	191	16.3	--	--	--	--	--	B 0.692	23.7	8.55
SP-BOOKS	N 8/14/2003	--	168	4.3	172	<0.01	q 49.4	32.9	0.32	q 190	q 16.2	<0.02	--	--	H <0.01	e% <0.01	0.786	q 23.9	7.93
SP-BOOKS	N 5/19/2004	--	200	e <1	200	--	50.2	33	0.353	192	16.3	--	--	--	--	--	0.639	23	8.62
SP-BOOKS	N 8/24/2004	--	205	--	205	--	47.8	e 34.6	0.334	186	16.2	--	--	--	--	--	0.662	22.2	9.02
SP-BOOKS	D 8/24/2004	--	202	--	202	--	48.7	34.3	0.358	189	16.5	--	--	--	--	--	0.689	22.4	9

TABLE A-2
SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR MAJOR IONS AND NUTRIENTS
PANELS F AND G
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Site	Sample Date	Acidity (mg/L)	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SP-CC-500	N 7/30/2003	--	253	--	253	--	N 77.1	13.7	0.302	291	23.9	--	--	--	--	--	1.55	31.9	99
SP-QH-800	N 10/30/2003	--	226	<1	226	<0.01	q 62.5	5.43	0.167	237	19.6	<0.02	--	--	H 0.06	0.18	q 2.78	q 7.45	12.8
SOUTH FORK SAGE CREEK																			
SW-SFSC-200	N 5/20/2003	<2	qe% 48	--	qe% 39	<0.05	9	<2	<0.1	e% 31	e% 2	0.1	0.1	<0.05	0.04	q 0.05	<1	<1	e <5
SW-SFSC-200	N 8/12/2003	--	197	<1	197	0.03	51.7	0.916	0.112	192	15.2	0.11	--	--	H 0.01	0.02	B 0.607	2.91	7.96
SW-SFSC-500	N 5/20/2002	<2	128	--	105	<0.05	31	<4	0.07	110	8	0.09	0.09	<0.05	0.02	0.04	<1	2	8
SW-SFSC-500	N 8/12/2003	--	179	9.04	188	0.08	50.7	0.909	0.118	188	14.9	0.04	--	--	H 0.02	0.03	B 0.771	3.29	10.4
SW-SFSC-800	N 8/12/2003	--	208	<1	208	0.02	50.6	4.43	0.304	208	19.8	0.13	--	--	H <0.01	<0.01	B 0.852	4.7	13
SW-SFSC-800	N 5/18/2004	--	205	2.64	207	--	48	4.05	0.33	198	18.9	--	--	--	--	--	0.535	4.45	12.4
SP-UTSFSC-100	N 5/21/2002	<2	248	--	203	<0.05	62	<2	0.12	118	19	0.06	0.06	<0.05	0.03	0.04	<1	3	13
SP-UTSFSC-100	N 8/6/2002	<2	264	--	216	<0.05	69	e% <4	0.11	234	15	0.12	0.12	<0.05	0.05	0.1	<1	3	13
SP-UTSFSC-100	N 5/20/2003	<2	qe% 272	--	qe% 223	<0.05	68	<2	0.13	e% 240	e% 17	0.05	0.05	<0.05	0.04	q 0.05	<1	2	e 11
SP-UTSFSC-100	N 8/12/2003	--	236	<1	236	0.03	q 68.4	1.81	0.138	q 236	q 15.9	0.04	--	--	H 0.08	e% 0.18	2.08	q 2.97	10.2
SP-SFSC-100	N 10/28/2003	--	151	<1	151	0.02	41.4	0.916	0.102	152	11.7	0.16	--	--	H <0.01	e% 0.02	B 0.547	3.45	6.17
SP-UTSFSC-200	N 9/23/2002	<2	248	--	203	0.12	70	<4	0.13	257	20	<0.05	<0.05	<0.05	0.01	0.21	<1	5	18
SP-UTSFSC-200	N 5/20/2003	<2	qe% 344	--	qe% 282	<0.05	69	<2	0.12	e% 259	e% 21	<0.05	<0.05	<0.05	0.01	q 0.03	<1	3	e 13
SP-UTSFSC-200	D 5/20/2003	<2	229	--	188	<0.05	63	<2	0.1	211	13	<0.05	<0.05	<0.05	0.02	0.03	<1	3	24
SP-UTSFSC-200	N 8/12/2003	--	249	<1	249	0.02	q 67.5	0.717	0.149	q 250	q 19.9	<0.02	--	--	H <0.01	e% <0.01	B 0.839	q 3.7	13.7
SP-UTSFSC-200	N 10/29/2003	--	242	<1	242	<0.01	65.6	0.737	0.136	243	19.2	<0.02	--	--	H <0.01	e <0.01	Be% 0.87	3.53	13.8
SP-SFSC-750	N 7/28/2003	--	208	--	208	--	N 52.6	4.18	0.314	216	20.6	--	--	--	--	--	B 0.79	4.84	11.8
SP-SFSC-750	N 8/12/2003	--	202	<1	202	0.08	47.3	3.66	0.283	193	18.1	0.14	--	--	H 0.01	0.01	B 0.754	3.96	12.3
SP-SFSC-750	N 9/28/2004	--	220	<1	220	--	49.8	4.58	0.324	207	20	--	--	--	--	--	0.639	4.62	13.6
SP-HOOPES	N 7/28/2003	--	205	--	205	--	N 61.1	7.37	0.402	246	22.8	--	--	--	--	--	B 0.796	7.87	44.8
SP-UTSC-850	N 5/18/2004	--	234	<1	234	--	63.6	2.63	0.257	231	17.5	--	--	--	--	--	0.384	5.39	16.2
SP-UTSC-850	N 9/28/2004	--	203	<1	203	--	46.2	4.7	0.245	181	16	--	--	--	--	--	1.41	5.91	6.02
MANNING CREEK																			
SP-MC-300	N 5/21/2002	<2	261	--	214	0.06	65	<2	0.11	245	20	<0.05	<0.05	<0.05	<0.01	0.02	<1	3	11

TABLE A-2
SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR MAJOR IONS AND NUTRIENTS
PANELS F AND G
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Site	Sample Date	Acidity (mg/L)	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SP-MC-300	N 5/20/2003	<2	qe% 287	--	qe% 235	<0.05	65	<2	<0.1	e% 228	e% 16	0.06	0.06	<0.05	0.01	q 0.02	<1	3	e 8
SP-MC-300	N 8/25/2004	--	244	--	244	--	89.6	e 1.17	0.147	331	26.1	--	--	--	--	--	8.08	3.16	10.7
DEER CREEK																			
SW-DC-200	N 5/18/2003	<2	186	--	153	e% <0.05	44	2	0.11	147	9	<0.05	<0.05	<0.05	e% 0.1	e% 0.1	<1	2	8
SW-DC-200	N 8/14/2003	--	194	<1	194	<0.1	q 57	0.438	0.153	q 196	q 12.9	<0.02	--	--	H 0.06	e% 0.1	0.636	q 2.78	10.7
SW-DC-200	N 5/20/2004	--	162	e <1	162	--	43.8	0.446	0.159	151	9.99	--	--	--	--	--	0.378	2.14	8.53
SW-DC-200	N 8/25/2004	--	200	--	200	--	53.6	e 0.606	0.179	187	12.8	--	--	--	--	--	0.581	2.49	11.1
SW-DC-300	N 5/22/2002	<2	193	--	158	<0.05	56	<2	0.13	189	12	<0.05	<0.05	<0.05	0.03	**B 0.03	<1	2	8
SW-DC-300	N 5/19/2003	<2	229	--	188	e% <0.05	52	1	<0.1	167	9	<0.05	<0.05	<0.05	e% 0.04	e% 0.07	<1	2	8
SW-DC-400	N 5/22/2002	<2	178	--	146	<0.05	52	<4	0.1	175	11	<0.05	<0.05	<0.05	e 0.06	0.07	<1	2	12
SW-DC-400	N 5/19/2003	<2	158	--	129	e% <0.05	50	1	<0.1	162	9	<0.05	<0.05	<0.05	e% 0.06	e% 0.08	<1	2	8
SW-DC-400	N 5/17/2004	--	164	4.6	169	--	47.7	0.461	0.13	154	8.4	--	--	--	--	--	B 0.26	2.09	7.66
SW-DC-500	N 5/23/2002	<2	198	--	162	<0.05	58	<2	0.1	202	14	<0.05	<0.05	<0.05	e 0.03	0.06	<1	3	10
SW-DC-500	D 5/23/2002	<2	198	--	162	<0.05	59	<2	0.1	205	14	<0.05	<0.05	<0.05	0.05	0.06	<1	3	11
SW-DC-500	N 8/7/2002	<2	239	--	196	0.15	61	e% 2	0.13	222	17	0.07	0.07	<0.05	0.03	0.07	<1	3	14
SW-DC-500	N 5/19/2003	<2	229	--	188	e% 0.18	53	1	<0.1	174	10	<0.05	<0.05	<0.05	e% 0.06	e% 0.07	<1	2	10
SW-DC-500	N 8/13/2003	--	199	12.4	212	0.02	58.1	1	0.149	--	16.6	<0.02	--	--	H 0.03	0.05	B 0.852	3.29	10.8
SW-DC-500	N 10/28/2003	--	201	7.4	208	<0.01	58.3	1.15	0.144	215	16.8	<0.02	--	--	<0.01	e% 0.02	B 0.82	3.38	13.4
SW-DC-500	N 5/17/2004	--	178	8	186	--	51.5	0.875	0.134	175	11.2	--	--	--	--	--	0.425	2.46	8.83
SW-DC-500	N 8/26/2004	--	221	--	231	--	56.9	e 0.916	0.168	212	16.9	--	--	--	--	--	0.72	3.01	11
SW-DC-800	N 5/19/2003	<2	229	--	188	e% <0.05	53	2	<0.1	190	14	<0.05	<0.05	<0.05	e% 0.04	e% 0.07	<1	2	9
SW-DC-800	N 7/29/2003	--	212	--	217	--	N 58.9	1.59	0.146	222	18.2	--	--	--	--	--	B 0.637	2.66	7.18
SW-DC-800	N 8/12/2003	--	194	16.6	211	0.02	q 54.6	1.59	0.141	q 208	q 17.3	<0.02	--	--	H 0.03	e% 0.03	B 0.708	q 2.54	6.83
SW-DC-800	N 10/30/2003	--	199	4.2	204	q 0.04	q 56	1.9	0.116	214	18	<0.02	--	--	H 0.02	0.02	B 0.762	q 2.54	6.56
SW-DC-800	N 5/19/2004	--	211	e 2.38	214	--	54	1.28	0.145	199	15.5	--	--	--	--	--	0.494	2.5	8.86
SW-DC-800	N 8/24/2004	--	212	--	224	--	53.7	e 1.67	0.177	206	17.6	--	--	--	--	--	0.636	2.38	7.58
SP-DC-100	N 10/29/2003	--	157	<1	157	<0.01	46	1.29	0.24	160	10.9	0.08	--	--	0.093	e 0.1	Be% 0.484	2.68	12.5

TABLE A-2
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Site	Sample Date	Acidity (mg/L)	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SP-DC-350	N 8/8/2002	<2	171	--	140	<0.05	57	e% <2	0.16	171	7	0.19	0.19	<0.05	0.08	0.17	<1	2	15
SP-DC-350	N 5/19/2003	<2	143	--	118	e% <0.05	30	1	0.15	87	3	0.16	0.16	<0.05	e% 0.17	e% 0.17	<1	2	7
SP-DC-350	N 8/13/2003	--	153	<1	153	0.02	q 52.5	0.942	0.199	q 158	q 6.63	0.15	--	--	H 0.14	e% 0.14	0.467	q 2.21	13
SP-DC-350	N 5/17/2004	--	109	<1	109	--	34.3	0.714	0.172	102	4.02	--	--	--	--	--	B 0.249	1.73	7.96
SP-DC-350	N 8/25/2004	--	162	--	162	--	50.6	e 0.768	0.208	153	6.57	--	--	--	--	--	0.612	2.03	13.3
SP-UTDC-700	N 5/19/2003	<2	96	--	78	e% <0.05	26	1	0.1	73	2	<0.05	<0.05	<0.05	e% 0.09	e% 0.14	<1	2	9
SP-UTDC-700	N 8/14/2003	--	116	<1	116	<0.01	q 42.8	0.814	0.133	q 122	q 3.61	0.02	--	--	H 0.14	e% 0.57	0.728	q 2.21	4.97
SP-UTDC-700	N 10/28/2003	--	102	<1	102	0.47	40.5	1.77	<0.1	119	4.29	<0.02	--	--	0.049	e% 1.45	2.29	2.26	8.34
SP-UTDC-700	N 5/17/2004	--	206	<1	206	--	66.1	1.43	0.298	208	10.4	--	--	--	--	--	B 0.282	2.5	20.6
SP-UTDC-700	N 8/26/2004	--	252	--	252	--	125	e 1.75	0.347	381	16.8	--	--	--	--	--	2.27	3.22	24
SP-UTDC-800	N 9/25/2002	<2	242	--	198	<0.05	80	<4	0.15	253	13	<0.05	<0.05	<0.05	0.01	0.1	<1	3	24
SP-UTDC-800	N 5/19/2003	<2	143	--	118	e% <0.05	44	2	0.16	135	6	0.05	0.05	<0.05	e% 0.23	e% 0.18	<1	2	14
SP-UTDC-800	N 8/13/2003	--	241	<1	241	0.02	q 80.2	1.75	0.312	q 254	q 13.1	<0.02	--	--	H 0.05	e% 0.06	0.506	q 2.97	22.1
SP-UTDC-800	N 10/28/2003	--	236	<1	236	<0.01	84.3	2.04	0.301	266	13.6	<0.02	--	--	0.037	e% 1.81	1.01	3.13	23.5
SP-UTDC-800	N 5/17/2004	--	81.6	<1	81.6	--	29.3	0.732	0.133	83.4	2.5	--	--	--	--	--	0.622	1.65	6.46
NORTH FORK DEER CREEK																			
SW-NFDC-200	N 5/19/2003	<2	258	--	212	e% <0.05	56	2	0.13	210	17	<0.05	<0.05	<0.05	e% 0.07	e% 0.08	<1	2	11
SW-NFDC-200	D 5/19/2003	<2	244	14	223	0.54	59	3	0.1	209	15	<0.05	<0.05	<0.05	0.02	0.07	<1	3	7
SW-NFDC-500	N 5/22/2002	<2	226	--	185	<0.05	61	<2	0.1	239	21	<0.05	<0.05	<0.05	e 0.02	0.03	<1	3	12
SW-NFDC-500	N 8/7/2002	<2	231	--	189	<0.05	59	e% <2	0.1	213	16	0.07	0.07	<0.05	0.02	0.07	<1	3	9
SW-NFDC-500	N 5/19/2003	<2	244	--	200	e% <0.05	58	2	0.1	211	16	<0.05	<0.05	<0.05	e% 0.02	e% 0.04	<1	3	11
SW-NFDC-500	D 5/19/2003	<2	258	--	212	<0.05	53	1	0.12	190	14	<0.05	<0.05	<0.05	0.05	0.06	<1	2	10
SW-NFDC-500	N 8/13/2003	--	208	<1	208	0.05	55.3	0.959	0.131	203	15.6	0.07	--	--	H 0.02	0.03	B 0.705	3.14	6.6
SW-NFDC-500	N 10/28/2003	--	205	<1	205	<0.01	55.8	1.11	0.122	206	16.2	<0.02	--	--	0.013	e% 0.03	B 0.831	3.39	8.76
SW-NFDC-900	N 6/18/2002	<2	220	--	180	0.07	55	<2	0.16	211	18	<0.05	<0.05	<0.05	0.02	**B 0.04	<1	3	11
SW-NFDC-900	N 8/7/2002	<2	237	--	194	<0.05	60	e% <2	0.12	220	17	0.07	0.07	<0.05	0.02	0.11	<1	3	13
SW-NFDC-900	N 5/19/2003	<2	258	--	212	e% <0.05	58	1	0.11	215	17	<0.05	<0.05	<0.05	e% 0.02	e% 0.14	<1	3	13

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IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SW-NFDC-900	N 8/13/2003	--	198	12.4	210	0.02	58.4	0.95	0.163	214	16.6	<0.02	--	--	H 0.03	0.06	B 0.81	3.29	10.5
SW-NFDC-900	N 10/28/2003	--	211	<1	211	<0.01	59.8	1.17	0.135	221	17.3	<0.02	--	--	0.019	e% 0.03	B 0.838	3.54	13.2
SW-UTNFDC-510	N 9/24/2002	<2	259	--	212	<0.05	54	<4	0.17	225	22	0.06	0.06	<0.05	<0.01	0.01	<1	5	16
SW-UTNFDC-510	N 5/19/2003	<2	272	--	223	e% 0.07	59	2	<0.1	242	23	<0.05	<0.05	<0.05	e% <0.005	e% 0.02	<1	5	16
SW-UTNFDC-510	N 8/13/2003	--	240	<1	240	0.05	58.2	1.22	0.11	239	22.6	<0.02	--	--	H <0.01	<0.01	B 0.839	4.68	11.1
SW-UTNFDC-700	N 9/23/2002	<2	138	--	113	<0.05	50	<4	0.07	187	15	0.11	0.11	<0.05	0.01	<0.01	<1	3	6
SW-UTNFDC-700	N 5/19/2003	<2	220	--	180	e% <0.05	50	1	<0.1	195	17	0.17	0.17	<0.05	e% <0.005	e% 0.03	<1	3	12
SW-UTNFDC-700	N 8/13/2003	--	188	4.78	193	0.05	49.2	1.02	0.102	186	15.3	0.15	--	--	H <0.01	<0.01	B 0.527	2.98	5.54
SW-UTNFDC-800	N 9/23/2002	<2	220	--	180	<0.05	56	<4	0.09	193	13	<0.05	<0.05	<0.05	0.02	0.02	<1	3	6
SW-UTNFDC-900	N 9/23/2002	<2	187	--	153	<0.05	54	<4	0.1	168	8	<0.05	<0.05	<0.05	<0.01	0.01	<1	2	5
SW-UTNFDC-950	N 9/23/2002	<2	199	--	163	<0.05	60	<4	0.1	191	10	<0.05	<0.05	<0.05	<0.01	0.02	<1	3	5
SP-NFDC-50	N 10/29/2003	--	219	<1	219	<0.01	53.2	0.827	0.143	218	20.8	0.67	--	--	H <0.01	e <0.01	Be% 0.83	3.04	9.56
SP-NFDC-700	N 6/18/2002	<2	242	--	198	<0.05	63	<4	0.16	256	24	0.13	0.13	<0.05	0.06	**B 0.04	<1	3	27
SP-NFDC-700	N 8/7/2002	<2	242	--	198	<0.05	66	e% <2	0.18	238	18	0.21	0.21	<0.05	0.05	0.09	<1	4	25
SP-NFDC-700	N 5/19/2003	<2	287	--	235	e% <0.05	64	2	0.14	242	20	0.13	0.13	<0.05	e% 0.06	e% 0.06	<1	3	24
SP-NFDC-700	N 8/13/2003	--	223	<1	223	0.02	62.9	1.02	0.22	234	18.6	0.12	--	--	H 0.06	0.05	B 0.689	3.42	24.6
SP-UTNFDC-400	N 5/21/2002	<2	83	--	68	<0.05	25	<2	0.17	75	3	<0.05	<0.05	<0.05	0.26	0.53	<1	2	7
SP-UTNFDC-400	N 5/20/2003	<2	qe% 115	--	qe% 94	<0.05	28	<2	0.17	e% 86	e% 4	<0.05	<0.05	<0.05	0.28	q 0.28	<1	2	e 6
SP-UTNFDC-520	N 9/24/2002	<2	242	--	198	<0.05	52	<4	0.14	200	17	0.06	0.06	<0.05	0.01	0.01	<1	4	15
SP-UTNFDC-520	N 5/19/2003	<2	258	--	212	e% <0.05	60	1	<0.1	240	22	0.07	0.07	<0.05	e% 0.009	e% 0.02	<1	3	16
SP-UTNFDC-520	N 8/13/2003	--	220	<1	220	0.05	56.9	0.984	0.133	221	19.1	0.05	--	--	H <0.01	<0.01	B 0.821	3.51	13.7
SP-UTNFDC-540	N 8/13/2003	--	269	<1	269	0.03	74.7	0.677	0.301	279	22.4	<0.02	--	--	H 0.09	0.21	B 0.596	2.59	15.5
SP-UTNFDC-540	N 10/28/2003	--	257	<1	257	<0.01	68.5	1.12	0.204	269	23.7	<0.02	--	--	0.098	e% 0.23	B 0.743	2.44	8.84
SP-UTNFDC-540	N 5/17/2004	--	241	10.82	251	--	61.8	1.03	0.277	240	20.7	--	--	--	--	--	0.398	2.26	12.2
SP-UTNFDC-600	N 8/6/2002	<2	253	--	207	<0.05	74	e% <4	0.19	242	14	0.19	0.19	<0.05	0.03	0.15	<1	4	22
SP-UTNFDC-600	N 5/20/2003	<2	qe% 258	--	qe% 212	<0.05	64	2	0.14	e% 217	e% 14	<0.05	<0.05	<0.05	0.02	q 0.03	<1	3	e 24
SP-UTNFDC-600	N 8/14/2003	--	231	<1	231	<0.01	q 70.3	1.13	0.198	q 234	q 14.2	<0.02	--	--	H 0.03	e% 0.04	0.512	q 3.17	17.8

TABLE A-2
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IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SP-UTNFDC-600	N 10/29/2003	--	279	<1	279	<0.01	76.5	1.4	0.356	293	24.7	<0.02	--	--	0.174	e 0.19	Be% 0.69	2.59	21.1
SP-UTNFDC-600	N 5/18/2004	--	202	<1	202	--	59.1	0.92	0.226	198	12.3	--	--	--	--	--	B 0.27	2.79	22.9
SP-UTNFDC-600	N 8/25/2004	--	239	--	250	--	71.6	e 1.11	0.203	242	15.3	--	--	--	--	--	0.785	3	16.5
SOUTH FORK DEER CREEK																			
SW-SFDC-200	N 5/18/2003	<2	215	--	176	e% <0.05	48	1	0.12	153	8	<0.05	<0.05	<0.05	e% 0.09	e% 0.13	<1	2	7
SW-SFDC-200	N 8/13/2003	--	149	<1	149	0.02	q 41.4	0.639	0.127	q 147	q 10.6	<0.02	--	--	H 0.04	e% 0.04	0.684	q 2.61	8.45
SW-SFDC-200	D 8/13/2003	--	145	<1	145	0.02	39.7	0.65	0.123	142	10.3	<0.02	--	--	H 0.03	0.04	0.671	2.55	8.38
SW-SFDC-200	N 10/28/2003	--	170	<1	170	<0.01	51.8	0.987	0.1	174	10.9	<0.02	--	--	<0.01	e% 0.05	B 0.587	2.64	10.1
SW-SFDC-300	N 5/22/2002	<2	171	--	140	<0.05	53	<2	0.09	174	10	0.11	0.11	<0.05	e 0.06	0.1	<1	2	9
SW-SFDC-300	N 5/18/2003	<2	186	--	153	e% <0.05	54	2	<0.1	164	7	<0.05	<0.05	<0.05	e% 0.07	e% 0.07	<1	1	6
SW-SFSC-800	N 9/28/2004	--	221	<1	221	--	49.3	4.35	0.367	205	19.9	--	--	--	--	--	0.617	4.58	13.4
SW-SFDC-800	N 5/23/2002	<2	90	--	74	<0.05	30	<2	0.11	87	3	<0.05	<0.05	<0.05	e 0.1	0.11	<1	1	7
SW-SFDC-800	N 5/19/2003	<2	96	--	78	e% <0.05	25	1	0.12	71	2	<0.05	<0.05	<0.05	e% 0.1	e% 0.11	<1	1	6
SW-SFDC-800	N 5/17/2004	--	98	<1	98	--	31.1	0.739	0.128	87.1	2.32	--	--	--	--	--	B 0.17	1.53	4.09
SW-UTSFDC-900	N 5/19/2003	<2	72	--	59	e% <0.05	23	1	<0.1	66	2	0.05	0.05	<0.05	e% 0.1	e% 0.11	<1	1	6
SP-UTSFDC-500	N 5/22/2002	<2	71	--	58	<0.05	28	<2	0.05	78	2	<0.05	<0.05	<0.05	e 0.04	0.05	<1	1	<5
SP-UTSFDC-600	N 10/29/2003	--	222	<1	222	<0.01	54.2	1.72	0.174	213	18.9	0.03	--	--	H <0.01	e <0.01	Be% 0.759	4.4	6.96
WELLS CANYON																			
SW-WC-800	N 5/18/2003	<2	239	9	212	e% <0.05	60	3	0.1	212	15	<0.05	<0.05	<0.05	e% 0.03	e% 0.07	<1	3	7
SW-WC-800	N 8/12/2003	--	201	8.78	210	0.02	q 57.7	2.86	0.165	q 204	q 14.5	0.08	--	--	H 0.04	e% 0.06	1.93	q 3.32	5.47
SW-WC-800	D 8/12/2003	--	199	9.28	209	0.01	57.5	2.67	0.163	203	14.4	0.08	--	--	H 0.04	0.08	2.01	3.31	5.28
SW-WC-800	N 10/28/2003	--	201	<1	201	0.02	57.9	2.54	0.15	203	14.2	0.03	--	--	0.018	e% 0.02	B 0.826	3.32	5.32
SW-WC-800	N 5/19/2004	--	198	e 9.62	208	--	53.8	2.04	0.165	191	13.7	--	--	--	--	--	0.532	3.03	4.89
SW-WC-800	D 5/19/2004	--	199	e 9.28	208	--	52.2	2.08	0.153	185	13.3	--	--	--	--	--	0.513	2.99	5.01
SW-WC-800	N 8/24/2004	--	206	--	214	--	54.1	e 2.02	0.17	194	14.4	--	--	--	--	--	0.586	2.94	5.05
SP-UTWC-300	N 5/23/2002	<2	12	--	10	<0.05	4	<2	0.07	14	1	<0.05	<0.05	<0.05	e 0.02	0.04	<1	1	5
SP-UTWC-300	N 5/18/2003	<2	38	--	31	e% <0.05	5	2	<0.1	17	1	<0.05	<0.05	<0.05	e% 0.02	e% 0.05	<1	1	6

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Site	Sample Date	Acidity (mg/L)	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SP-WC-400	N 5/20/2002	<2	165	--	135	<0.05	47	<2	0.21	154	9	<0.05	<0.05	<0.05	0.22	0.24	<1	3	14
SP-WC-400	N 8/8/2002	<2	200	--	164	<0.05	62	e% 2	0.21	200	11	0.12	0.12	<0.05	0.1	0.3	<1	3	20
SP-WC-400	D 8/8/2002	<2	215	--	176	<0.05	61	6	0.21	198	11	0.17	0.17	<0.05	0.1	0.26	<1	3	21
SP-WC-400	N 5/18/2003	<2	186	--	153	e% <0.05	49	3	0.2	164	10	0.06	0.06	<0.05	e% 0.17	e% 0.18	<1	2	14
SP-WC-400	N 8/13/2003	--	182	<1	182	0.02	q 59.2	1.48	0.263	q 195	q 11.4	0.09	--	--	H 0.19	e% 0.4	1.02	q 3.02	17.9
SP-WC-400	N 10/28/2003	--	178	<1	178	0.02	58.8	1.74	0.235	194	11.5	<0.02	--	--	0.142	e% 0.22	B 0.843	3.09	19
SP-WC-400	D 10/28/2003	--	179	<1	179	0.02	59.8	1.77	0.238	--	11.7	<0.02	--	--	H 0.149	0.29	B 0.951	3.13	19.1
SP-WC-400	N 5/17/2004	--	167	<1	167	--	48.1	0.992	0.22	160	9.57	--	--	--	--	--	0.316	2.42	13.7
SP-WC-400	N 8/25/2004	--	184	--	188	--	57.8	e 1.86	0.256	194	12	--	--	--	--	--	1.81	2.81	18.9
SP-WC-750	N 6/5/2003	<2	249	--	204	<0.05	59	4	0.13	197	12	0.26	0.26	<0.05	0.04	0.06	<1	3	<5
SP-WC-750	N 7/29/2003	--	211	--	211	--	N 59.3	2.3	0.168	212	15.5	--	--	--	--	--	B 0.63	3.34	5.24
SP-WC-750	N 8/14/2003	--	193	<1	193	<0.1	q 56	2.25	0.133	q 189	q 11.8	0.24	--	--	H 0.04	e% 0.04	0.731	q 3.24	4.24
DIAMOND CREEK																			
SW-DMC-200	N 5/18/2003	<2	86	--	71	e% 0.14	18	1	0.1	61	4	<0.05	<0.05	<0.05	e% 0.29	e% 0.25	<1	1	6
SW-DMC-200	N 8/14/2003	--	156	<1	156	<0.01	q 42.5	0.568	0.16	q 185	q 10.9	<0.02	--	--	H 0.08	e% 0.1	0.523	q 3.27	7.1
SW-DMC-200	D 8/14/2003	--	158	<1	158	<0.01	43.2	0.518	0.143	153	11	<0.02	--	--	H 0.08	0.1	0.508	3.32	7.02
STEWART CANYON																			
SW-ST-500	N 8/15/2003	--	173	5.7	179	0.01	56.1	0.893	0.181	182	10.1	0.02	--	--	0.14	0.16	B 0.603	2.28	10.5
SW-ST-500	N 5/18/2004	--	132	<1	132	--	38.2	0.662	0.199	123	6.7	--	--	--	--	--	0.326	1.94	11
SW-ST-500	N 8/26/2004	--	180	--	187	--	53.4	e 0.867	0.199	174	9.92	--	--	--	--	--	0.555	2.09	12.2
SW-ST-700	N 8/26/2004	--	163	--	171	--	39.1	e 0.995	0.153	154	13.6	--	--	--	--	--	0.434	1.66	4.58
SW-ST-700	D 8/26/2004	--	162	--	169	--	38.8	1.36	0.151	153	13.6	--	--	--	--	--	0.412	1.64	4.59
SP-ST-100	N 8/15/2003	--	202	1	202	0.01	52.7	1.22	0.2	190	14.2	0.17	--	--	0.01	0.02	B 0.614	1.77	4.85
SP-ST-100	N 5/18/2004	--	195	<1	195	--	48.7	1.15	0.159	176	13.1	--	--	--	--	--	0.396	1.58	4.57
SP-ST-100	N 8/26/2004	--	199	--	202	--	50.2	e 0.972	0.165	184	14.1	--	--	--	--	--	0.51	1.61	5.2
SP-ST-200	N 8/15/2003	--	189	1	189	0.01	53.8	1.05	0.153	185	12.3	0.14	--	--	0.07	0.09	B 0.63	2.41	7.29
SP-ST-200	N 5/18/2004	--	197	<1	197	--	50.6	1.37	0.193	175	11.8	--	--	--	--	--	0.421	2.27	7.65

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Site	Sample Date	Acidity (mg/L)	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SP-ST-200	N 8/26/2004	--	198	--	203	--	52.4	e 1.34	0.18	182	12.5	--	--	--	--	--	0.553	2.27	7.82
LAMB CANYON																			
SW-LC-500	N 8/15/2003	--	210	7.08	217	0.01	62.4	0.618	0.16	206	12.1	0.08	--	--	0.06	0.1	B 0.552	1.94	11.3
CLEAR CREEK																			
SW-CL-800	N 7/29/2003	--	229	--	230	--	N 59.9	5.45	0.132	228	19	--	--	--	--	--	B 0.656	5.5	7.81
WHITE DUGWAY CREEK																			
SW-WD-800	N 7/29/2003	--	84.2	--	102	--	N 43.9	195	0.127	178	16.6	--	--	--	--	--	1.01	157	122
WARM CREEK																			
SW-WM-800	N 7/30/2003	--	245	--	245	--	N 65.6	34.7	0.217	233	16.9	--	--	--	--	--	B 0.851	29.8	13.2
PRESERVATIVE BLANK																			
SW-OC-200	B 5/20/2003	3	3	0	2	<0.05	< 1	<2	<0.1	<7	<1	<0.05	<0.05	<0.05	<0.01	0.01	<1	<1	<5
SW-OC-200	B 8/14/2003	--	<1	<1	<1	<0.01	0.0491	<0.2	<0.1	0.178	0.0134	<0.02	--	--	H <0.01	<0.01	<0.025	0.0488	<0.3
SW-OC-200	B 10/30/2003	--	<1	<1	<1	0.02	B 0.014	<0.2	<0.1	--	<0.005	<0.02	--	--	H <0.01	<0.01	B 0.0487	B 0.0624	<0.3
SW-OC-200	B 5/19/2004	--	<1	e <1	<1	--	B 0.0222	<0.2	<0.1	B 0.102	<0.0112	--	--	--	--	--	<0.0258	B 0.0265	<0.3

Notes:

< Indicates analyte not detected above laboratory practical quantification limit (PQL)
(mg/L) Milligrams per liter
D Field duplicate sample
N Located in Site column indicates natural sample.
N Located in analyte columns indicates percent recovery not within control limits 75-125% (SVL).
-- Field data or laboratory samples were not collected or analyzed.

Bromide analysis was conducted on thirteen samples collected during the period of July 28 through July 30, 2003 as part of the Crow Creek Study. The stations sampled include: SP-BOOKS, SP-CC-50, SP-Hoopes, SP-Reide, SP-SFSC-750, SP-UTCC-50, SP-WC-750, SW-CC-300, SW-CC-50, SW-CL-800, SW-DC-800, SW-WD-800, and SW-WM-800. All samples collected were below the 0.1 mg/L reporting limit.

e Field duplicate results exceed acceptable limits - PQL based determination.
e% Field duplicate results exceed acceptable limits - relative percent difference determination.
H Sample analyzed out of holding time.
q Associated values are estimates - field blank showed evidence of contamination.
NE Not Established
B Not detected above quantitation limit but present above the method detection limit.
**B Analyte was detected in method blank. Results are not corrected for the method blank concentration.
** Based on IDAPA 58.01.02, there are no surface water quality standards for major ions and nutrients.

TABLE A-3
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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
CROW CREEK														
SW-CC-50	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SW-CC-50	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-CC-50	5/19/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	B 0.0169
SW-CC-50	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	e% 0.202
SW-CC-50	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-CC-50	8/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.187
SW-CC-100	8/15/2003	Dissolved	N	<0.0097	BW 0.0014	B 0.00049	0.0355	<0.00006	<0.012	<0.0001	B 0.00039	B 0.00036	<0.0026	<0.0045
SW-CC-100	8/15/2003	Total	N	0.035	<0.0006	<0.0004	0.0359	<0.00006	<0.012	<0.0001	B 0.00041	<0.0003	<0.0026	* 0.0396
SW-CC-100	10/29/2003	Dissolved	N	<0.0097	Be 0.0023	e <0.0004	0.0339	<0.00006	<0.012	<0.00006	<0.0003	B 0.0005	<0.0026	<0.0045
SW-CC-100	10/29/2003	Dissolved	D	<0.0097	<0.0006	B 0.00052	0.0339	<0.00006	<0.012	<0.00006	<0.0003	B 0.00035	<0.0026	<0.0045
SW-CC-100	10/29/2003	Total	N	e% 0.821	<0.0006	Be 0.00072	e% 0.0475	<0.00006	<0.012	e 0.00023	Be% 0.0023	<0.0003	<0.0026	e% 0.632
SW-CC-100	10/29/2003	Total	D	0.117	<0.0006	B 0.00052	0.0352	<0.00006	<0.012	<0.00006	B 0.00079	<0.0003	<0.0026	0.0854
SW-CC-100	5/19/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-CC-100	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	e% 0.163
SW-CC-100	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-CC-100	8/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0979
SW-CC-300	5/20/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SW-CC-300	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-CC-300	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SW-CC-300	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-CC-300	8/12/2003	Dissolved	N	<0.0097	Be 0.0011	B 0.00083	0.0449	<0.00006	<0.012	<0.0001	<0.0003	B 0.0004	<0.0026	Be 0.011
SW-CC-300	8/12/2003	Total	N	Ne% 0.0457	<0.0006	B 0.00081	0.0471	<0.00006	<0.012	<0.0001	Be% 0.00037	<0.0003	<0.0026	e% 0.0653
SW-CC-300	5/19/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-CC-300	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	e% 0.153
SW-CC-300	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-CC-300	8/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0357
SW-CC-800	5/20/2003	Dissolved	N	<0.1	<0.003	0.001	<0.1	<0.001	0.1	<0.0001	0.002	<0.01	<0.01	<0.03
SW-CC-800	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-CC-800	8/15/2003	Dissolved	N	<0.0097	BW 0.00082	B 0.00089	0.0425	B 0.00006	B 0.0146	<0.0001	<0.0003	B 0.00056	<0.0026	<0.0045
SW-CC-800	8/15/2003	Total	N	N 0.0298	W <0.0006	<0.0004	0.053	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	* 0.0482
SW-CC-800	5/19/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-CC-800	5/19/2004	Dissolved	D	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-CC-800	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	e% 0.0958
SW-CC-800	5/19/2004	Total	D	--	--	--	--	--	--	<0.0001	--	--	--	0.119
SW-CC-800	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-CC-800	8/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0403
SP-UTCC-50	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTCC-50	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-RIEDE	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-RIEDE	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	6/5/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	6/5/2003	Total	N	* <0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	0.14
SP-BOOKS	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	8/14/2003	Dissolved	N	<0.0097	Be 0.0014	<0.0007	0.0262	<0.00006	<0.012	<0.0001	B 0.0005	<0.0003	<0.0026	Be 0.0084
SP-BOOKS	8/14/2003	Total	N	Ne% <0.0097	<0.0006	<0.0007	0.0271	<0.00006	<0.012	<0.0001	qe% 0.00056	<0.0003	<0.0026	e% 0.0357
SP-BOOKS	5/19/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-BOOKS	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	Be% 0.0176
SP-BOOKS	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-BOOKS	8/24/2004	Dissolved	D	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-BOOKS	8/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-BOOKS	8/24/2004	Total	D	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-CC-500	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-CC-500	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-QH-800	10/30/2003	Dissolved	N	<0.0097	<0.0003	N <0.0006	0.025	<0.00006	B 0.0155	<0.00006	<0.0003	<0.0003	<0.0026	<0.0045
SP-QH-800	10/30/2003	Total	N	*N 1.5	<0.0003	N <0.0006	0.0367	<0.00006	B 0.0229	q 0.00035	B 0.0024	<0.0003	<0.0026	* 1.18
SOUTH FORK SAGE CREEK														
SW-SFSC-200	5/20/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	0.04
SW-SFSC-200	5/20/2003	Total	N	* <0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	0.1
SW-SFSC-200	8/12/2003	Dissolved	N	<0.0086	B 0.0015	<0.0004	0.0241	<0.00007	B 0.0287	<0.0001	B 0.0011	B 0.00044	0.0042	B 0.0062
SW-SFSC-200	8/12/2003	Total	N	* <0.0097	<0.0006	<0.0004	0.0223	B 0.00007	<0.012	<0.0001	B 0.00055	<0.0003	<0.0026	<0.0045
SW-SFSC-500	5/20/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	<0.05
SW-SFSC-500	5/20/2002	Total	N	0.2	<0.001	0.001	<0.1	<0.001	<0.05	0.0003	<0.01	--	<0.01	0.15
SW-SFSC-500	8/12/2003	Dissolved	N	B 0.0097	BW 0.00068	<0.0004	0.0283	<0.00007	B 0.0138	<0.0001	B 0.00099	<0.0004	B 0.002	<0.0035
SW-SFSC-500	8/12/2003	Total	N	* 0.0244	<0.0006	<0.0004	0.0277	<0.00006	B 0.0137	<0.0001	B 0.00048	<0.0003	<0.0026	0.022
SW-SFSC-800	8/12/2003	Dissolved	N	<0.0086	BW 0.0011	W <0.0004	0.046	<0.00007	<0.0065	<0.0001	B 0.0017	<0.0004	<0.0011	<0.0035
SW-SFSC-800	8/12/2003	Total	N	* <0.0097	<0.0006	<0.0004	0.043	B 0.00011	B 0.0162	<0.0001	B 0.00096	<0.0003	<0.0026	B 0.0124
SW-SFSC-800	5/18/2004	Dissolved	N	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SW-SFSC-800	5/18/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0213
SP-SFSC-100	10/28/2003	Dissolved	N	* < 0.0086	Be% 0.00076	<0.0004	0.0193	<0.00007	<0.0065	<0.00006	Be 0.00068	<0.0004	<0.0011	<0.0035
SP-SFSC-100	10/28/2003	Total	N	0.0501	<0.0006	<0.0004	0.0194	<0.00007	<0.0065	<0.00006	B 0.00097	<0.0004	<0.0011	0.0245

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-UTSFSC-100	5/21/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SP-UTSFSC-100	5/21/2002	Total	N	* <0.1	<0.001	0.001	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	<0.05
SP-UTSFSC-100	8/6/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.01	--	<0.01	<0.01
SP-UTSFSC-100	8/6/2002	Total	N	e 0.1	<0.001	<0.001	<0.1	<0.001	<0.1	e% 0.0001	<0.01	--	<0.01	e% <0.01
SP-UTSFSC-100	5/20/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.003	<0.01	<0.01	<0.03
SP-UTSFSC-100	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFSC-100	8/12/2003	Dissolved	N	B 0.0143	Be 0.0016	<0.0007	0.0217	<0.00006	B 0.0149	<0.0001	<0.0003	B 0.00031	<0.0026	Be 0.0124
SP-UTSFSC-100	8/12/2003	Total	N	Ne% 0.885	W <0.0006	<0.0007	0.0309	B 0.00021	B 0.0205	q 0.00011	Be% 0.0017	B 0.00063	<0.0026	e% 0.771
SP-UTSFSC-200	9/23/2002	Dissolved	N	<0.1	<0.003	<0.003	0.03	<0.001	<0.1	0.0001	0.002	--	<0.001	0.33
SP-UTSFSC-200	9/23/2002	Total	N	0.5	<0.003	<0.003	0.03	<0.001	<0.1	<0.0001	0.002	--	<0.001	0.8
SP-UTSFSC-200	5/20/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SP-UTSFSC-200	5/20/2003	Dissolved	D	<0.1	<0.003	0.002	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SP-UTSFSC-200	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFSC-200	5/20/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFSC-200	8/12/2003	Dissolved	N	0.0447	Be 0.0014	<0.0007	0.0254	B 0.00017	B 0.016	<0.0001	<0.0003	<0.0003	<0.0026	e 0.0229
SP-UTSFSC-200	8/12/2003	Total	N	Ne% 0.127	<0.0006	<0.0007	0.0267	<0.00006	B 0.0198	<0.0001	Be% 0.00074	<0.0003	<0.0026	e% 0.132
SP-UTSFSC-200	10/29/2003	Dissolved	N	<0.0097	Be 0.0026	e <0.0004	0.0245	<0.00006	B 0.0153	<0.00006	<0.0003	B 0.00043	<0.0026	<0.0045
SP-UTSFSC-200	10/29/2003	Total	N	e% 0.0863	<0.0006	e <0.0004	e% 0.0248	<0.00006	B 0.0176	e <0.00006	Be% 0.00055	<0.0003	<0.0026	e% 0.0653
SP-SFSC-750	7/28/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-SFSC-750	7/28/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-SFSC-750	8/12/2003	Dissolved	N	B 0.0098	B 0.00064	<0.0004	0.0457	<0.00007	0.102	<0.0001	B 0.0022	B 0.00042	0.0036	0.0285
SP-SFSC-750	8/12/2003	Total	N	* <0.0097	<0.0006	<0.0004	0.0397	B 0.0001	B 0.0153	<0.0001	B 0.00096	<0.0003	<0.0026	<0.0045
SP-SFSC-750	9/28/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-SFSC-750	9/28/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	B 0.0175

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IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-SFSC-750	10/13/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-SFSC-750	10/13/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0247
SP-HOOPES	7/28/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-HOOPES	7/28/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTSC-850	5/18/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	B 0.013
SP-UTSC-850	5/18/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.326
SP-UTSC-850	9/28/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0268
SP-UTSC-850	9/28/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.228
MANNING CREEK														
SP-MC-300	5/21/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SP-MC-300	5/21/2002	Total	N	0.2	<0.001	0.003	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	0.18
SP-MC-300	5/20/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.003	<0.01	<0.01	<0.03
SP-MC-300	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-MC-300	8/25/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-MC-300	8/25/2004	Total	N	--	--	--	--	--	--	0.0024	--	--	--	26.9
DEER CREEK														
SW-DC-200	5/18/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SW-DC-200	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-DC-200	8/14/2003	Dissolved	N	<0.0097	Be 0.0015	<0.0007	0.0244	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	e <0.0045
SW-DC-200	8/14/2003	Total	N	Ne% <0.0097	<0.0006	<0.0007	0.0245	q 0.00006	<0.012	<0.0001	qe% 0.00044	<0.0003	<0.0026	e% 0.0185
SW-DC-200	5/20/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-DC-200	5/20/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	e% 0.0249
SW-DC-200	8/25/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-DC-200	8/25/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.114

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-DC-300	5/22/2002	Dissolved	N	<0.1	0.002	0.002	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	<0.05
SW-DC-300	5/22/2002	Total	N	0.2	<0.001	0.001	<0.1	<0.001	<0.05	0.0001	<0.01	--	<0.01	0.22
SW-DC-300	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-DC-300	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-DC-400	5/22/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SW-DC-400	5/22/2002	Total	N	0.2	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.2
SW-DC-400	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-DC-400	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-DC-400	5/17/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-DC-400	5/17/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	B 0.0132
SW-DC-500	5/23/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SW-DC-500	5/23/2002	Dissolved	D	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SW-DC-500	5/23/2002	Total	N	0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.14
SW-DC-500	5/23/2002	Total	D	* <0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.11
SW-DC-500	8/7/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.01	--	<0.01	0.06
SW-DC-500	8/7/2002	Total	N	e <0.1	<0.001	<0.001	<0.1	<0.001	<0.1	e% 0.0002	<0.01	--	<0.01	e% 0.05
SW-DC-500	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-DC-500	5/19/2003	Total	N	0.1	<0.003	0.002	<0.1	<0.001	<0.1	0.0003	(1) 0.001	<0.01	<0.01	0.21
SW-DC-500	8/13/2003	Dissolved	N	<0.0086	B 0.001	<0.0004	0.0339	<0.00007	B 0.0128	<0.0001	B 0.001	B 0.00048	<0.0011	<0.0035
SW-DC-500	8/13/2003	Total	N	* 0.171	<0.0006	<0.0004	0.0355	B 0.00013	B 0.0189	0.00011	B 0.00084	<0.0003	<0.0026	0.263
SW-DC-500	10/28/2003	Dissolved	N	*< 0.0086	BWe% 0.0021	W <0.0004	0.0305	<0.00007	B 0.0118	<0.00006	Be 0.00042	B 0.00043	<0.0011	<0.0035
SW-DC-500	10/28/2003	Total	N	0.0585	<0.0006	<0.0004	0.0302	<0.00007	<0.0065	0.0001	B 0.00055	<0.0004	<0.0011	0.0524
SW-DC-500	5/17/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-DC-500	5/17/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.19

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IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-DC-500	8/26/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-DC-500	8/26/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.261
SW-DC-800	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SW-DC-800	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-DC-800	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SW-DC-800	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-DC-800	8/12/2003	Dissolved	N	B 0.0121	Be 0.002	<0.0007	0.0295	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	e 0.0251
SW-DC-800	8/12/2003	Total	N	e% 0.0244	<0.0006	<0.0007	0.0308	B 0.00007	<0.012	<0.0001	Be% 0.00059	<0.0003	<0.0026	e% 0.0898
SW-DC-800	10/30/2003	Dissolved	N	<0.0097	<0.0003	N <0.0006	0.0285	B 0.00009	B 0.0145	<0.00006	<0.0003	<0.0003	<0.0026	<0.0045
SW-DC-800	10/30/2003	Total	N	*BN 0.0176	W <0.0003	N <0.0006	0.0288	<0.00006	B 0.013	<0.00006	B 0.00046	<0.0003	<0.0026	* 0.114
SW-DC-800	5/19/2004	Dissolved	N	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SW-DC-800	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	e% 0.103
SW-DC-800	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	B 0.0144
SW-DC-800	8/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.111
SP-DC-100	10/29/2003	Dissolved	N	<0.0097	We 0.0071	Be 0.00069	0.0037	<0.00006	<0.012	0.0001	B 0.0017	B 0.00067	<0.0026	<0.0045
SP-DC-100	10/29/2003	Total	N	e% <0.0097	B 0.0016	Be 0.00069	e% 0.0033	<0.00006	<0.012	e 0.0002	Be% 0.0019	<0.0003	<0.0026	Be% 0.0107
SP-DC-350	8/8/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	0.0004	<0.01	--	<0.01	<0.01
SP-DC-350	8/8/2002	Total	N	e <0.1	<0.001	<0.001	<0.1	<0.001	<0.1	e% 0.0003	<0.01	--	<0.01	e% 0.03
SP-DC-350	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SP-DC-350	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-DC-350	8/13/2003	Dissolved	N	<0.0097	e 0.0061	<0.0007	0.0114	<0.00006	<0.012	0.0002	B 0.0015	<0.0003	<0.0026	e <0.0045
SP-DC-350	8/13/2003	Total	N	Ne% <0.0097	<0.0006	<0.0007	0.0115	<0.00006	<0.012	q 0.00023	qe% 0.0023	<0.0003	<0.0026	e% <0.0045
SP-DC-350	5/17/2004	Dissolved	N	--	--	--	--	--	--	W* <0.0001	--	--	--	<0.0124
SP-DC-350	5/17/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0708

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IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-DC-350	8/25/2004	Dissolved	N	--	--	--	--	--	--	0.00017	--	--	--	<0.0124
SP-DC-350	8/25/2004	Total	N	--	--	--	--	--	--	0.00046	--	--	--	0.62
SP-UTDC-700	5/19/2003	Dissolved	N	<0.1	<0.003	0.005	<0.1	<0.001	<0.1	0.0003	0.002	<0.01	<0.01	<0.03
SP-UTDC-700	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTDC-700	8/14/2003	Dissolved	N	0.0237	Be 0.0016	B 0.0012	0.0077	<0.00006	<0.012	<0.0001	B 0.0025	<0.0003	<0.0026	e <0.0045
SP-UTDC-700	8/14/2003	Total	N	1.95	<0.0006	0.0014	0.0195	q 0.00011	<0.012	q 0.0063	qe% 0.0309	<0.0003	<0.0026	e% 1
SP-UTDC-700	10/28/2003	Dissolved	N	*B 0.017	e% 0.0033	<0.0004	0.0132	<0.00007	<0.0065	0.0001	Be 0.00061	B 0.00068	<0.0011	<0.0035
SP-UTDC-700	10/28/2003	Total	N	6.74	W <0.0006	BW 0.0028	0.0572	B 0.00023	<0.0065	0.0016	0.0785	B 0.00085	0.0061	4.03
SP-UTDC-700	5/17/2004	Dissolved	N	--	--	--	--	--	--	*0.00024	--	--	--	<0.0124
SP-UTDC-700	5/17/2004	Total	N	--	--	--	--	--	--	0.00046	--	--	--	0.219
SP-UTDC-700	8/26/2004	Dissolved	N	--	--	--	--	--	--	0.00022	--	--	--	<0.0124
SP-UTDC-700	8/26/2004	Total	N	--	--	--	--	--	--	0.0113	--	--	--	7.54
SP-UTDC-800	9/25/2002	Dissolved	N	<0.1	<0.003	<0.003	<0.02	<0.001	<0.1	0.0003	0.003	--	<0.001	0.45
SP-UTDC-800	9/25/2002	Total	N	0.1	<0.003	<0.003	<0.02	<0.001	<0.1	0.0005	0.008	--	<0.001	0.67
SP-UTDC-800	5/19/2003	Dissolved	N	<0.1	<0.003	0.007	<0.1	<0.001	<0.1	<0.0001	0.004	<0.01	<0.01	<0.03
SP-UTDC-800	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTDC-800	8/13/2003	Dissolved	N	<0.0097	Be 0.0016	B 0.00083	0.0034	<0.00006	<0.012	0.00021	<0.0003	B 0.00043	<0.0026	Be 0.012
SP-UTDC-800	8/13/2003	Total	N	N 0.0315	W <0.0006	0.001	0.0035	<0.00006	<0.012	q 0.00031	qe% 0.0018	0.00041	<0.0026	e% 0.0843
SP-UTDC-800	10/28/2003	Dissolved	N	*< 0.0086	We% <0.0006	W <0.0004	0.0042	<0.00007	<0.0065	0.00033	Be 0.00059	B 0.00064	<0.0011	<0.0035
SP-UTDC-800	10/28/2003	Total	N	1.36	W <0.0006	BW 0.003	0.0105	<0.00007	B 0.009	0.001	0.057	<0.0004	B 0.0014	1.82
SP-UTDC-800	5/17/2004	Dissolved	N	--	--	--	--	--	--	*0.00023	--	--	--	B 0.0142
SP-UTDC-800	5/17/2004	Total	N	--	--	--	--	--	--	0.0072	--	--	--	1.29
NORTH FORK DEER CREEK														
SW-NFDC-200	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	0.1	<0.0001	<0.001	<0.01	<0.01	<0.03

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-NFDC-200	5/19/2003	Dissolved	D	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.002	<0.01	<0.01	<0.03
SW-NFDC-200	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-200	5/19/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-500	5/22/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SW-NFDC-500	5/22/2002	Total	N	0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.13
SW-NFDC-500	8/7/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	0.0002	<0.01	--	<0.01	0.03
SW-NFDC-500	8/7/2002	Total	N	e 0.1	<0.001	<0.001	<0.1	<0.001	<0.1	e% <0.0001	<0.01	--	<0.01	e% 0.12
SW-NFDC-500	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.002	<0.01	<0.01	<0.03
SW-NFDC-500	5/19/2003	Dissolved	D	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-NFDC-500	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-500	5/19/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-500	8/13/2003	Dissolved	N	<0.0086	B 0.00068	<0.0004	0.0339	<0.00007	<0.0065	<0.0001	B 0.00085	B 0.0006	<0.0011	<0.0035
SW-NFDC-500	8/13/2003	Total	N	* 0.0594	<0.0006	<0.0004	0.0339	<0.00006	<0.012	<0.0001	B 0.00045	<0.0003	<0.0026	0.158
SW-NFDC-500	10/28/2003	Dissolved	N	*B 0.0099	e% <0.0006	W <0.0004	0.0321	<0.00007	<0.0065	<0.00006	Be 0.00021	B 0.00054	<0.0011	<0.0035
SW-NFDC-500	10/28/2003	Total	N	0.119	<0.0006	<0.0004	0.0332	<0.00007	B 0.0084	B 0.00007	B 0.00061	<0.0004	<0.0011	0.147
SW-NFDC-900	6/18/2002	Dissolved	N	<0.1	<0.001	0.002	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	<0.05
SW-NFDC-900	6/18/2002	Total	N	0.2	<0.001	0.002	<0.1	<0.001	<0.05	0.0003	<0.01	--	<0.01	0.24
SW-NFDC-900	8/7/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.01	--	<0.01	0.02
SW-NFDC-900	8/7/2002	Total	N	e 0.02	<0.001	<0.001	<0.1	<0.001	<0.1	e% 0.0002	<0.01	--	<0.01	e% 0.2
SW-NFDC-900	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-NFDC-900	5/19/2003	Total	N	0.4	<0.003	0.002	<0.1	<0.001	<0.1	0.0001	(1) 0.001	<0.01	<0.01	0.57
SW-NFDC-900	8/13/2003	Dissolved	N	<0.0086	B 0.0021	<0.0004	0.0326	<0.00007	<0.0065	<0.0001	B 0.00089	<0.0004	<0.0011	<0.0035
SW-NFDC-900	8/13/2003	Total	N	* 0.095	<0.0006	<0.0004	0.034	<0.00006	<0.012	<0.0001	B 0.00049	<0.0003	<0.0026	0.179
SW-NFDC-900	10/28/2003	Dissolved	N	*< 0.0086	e% <0.0006	W <0.0004	0.0308	<0.00007	<0.0065	<0.00006	Be 0.00046	B 0.00049	<0.0011	<0.0035

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-NFDC-900	10/28/2003	Total	N	0.109	<0.0006	<0.0004	0.0321	<0.00007	<0.0065	B 0.00008	B 0.00071	<0.0004	<0.0011	0.111
SW-UTNFDC-510	9/24/2002	Dissolved	N	<0.1	<0.003	<0.003	0.02	<0.001	<0.1	<0.0001	0.002	--	<0.001	0.32
SW-UTNFDC-510	9/24/2002	Total	N	0.2	<0.003	<0.003	0.02	<0.001	<0.1	0.0001	0.002	--	<0.001	0.47
SW-UTNFDC-510	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SW-UTNFDC-510	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-UTNFDC-510	8/13/2003	Dissolved	N	<0.0086	B 0.0016	<0.0004	0.0264	<0.00007	B 0.0188	<0.0001	B 0.0011	B 0.00054	<0.0011	B 0.0037
SW-UTNFDC-510	8/13/2003	Total	N	* 0.0994	<0.0006	<0.0004	0.0273	<0.00006	B 0.0247	<0.0001	B 0.00072	<0.0003	<0.0026	0.171
SW-UTNFDC-700	9/23/2002	Dissolved	N	<0.1	<0.003	<0.003	0.03	<0.001	<0.1	0.0001	<0.001	--	<0.001	0.29
SW-UTNFDC-700	9/23/2002	Total	N	* <0.1	<0.003	<0.003	0.04	<0.001	<0.1	<0.0001	0.001	--	<0.001	0.32
SW-UTNFDC-700	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-UTNFDC-700	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-UTNFDC-700	8/13/2003	Dissolved	N	<0.0086	B 0.0011	<0.0004	0.0282	<0.00007	<0.0065	<0.0001	B 0.00097	B 0.00049	<0.0011	<0.0035
SW-UTNFDC-700	8/13/2003	Total	N	N <0.0097	W <0.0006	<0.0004	0.0265	<0.00006	<0.012	<0.0001	B 0.00042	<0.0003	<0.0026	B 0.0143
SW-UTNFDC-800	9/23/2002	Dissolved	N	<0.1	<0.003	<0.003	0.04	<0.001	<0.1	<0.0001	0.002	--	<0.001	0.32
SW-UTNFDC-800	9/23/2002	Total	N	0.1	<0.003	<0.003	0.04	<0.001	<0.1	<0.0001	0.002	--	<0.001	0.37
SW-UTNFDC-900	9/23/2002	Dissolved	N	<0.1	<0.003	<0.003	0.03	<0.001	<0.1	<0.0001	<0.001	--	<0.001	0.3
SW-UTNFDC-900	9/23/2002	Total	N	* <0.1	<0.003	<0.003	0.04	<0.001	<0.1	<0.0001	0.001	--	<0.001	0.33
SW-UTNFDC-950	9/23/2002	Dissolved	N	<0.1	<0.003	<0.003	0.04	<0.001	<0.1	0.0001	0.002	--	<0.001	0.33
SW-UTNFDC-950	9/23/2002	Total	N	0.3	<0.003	<0.003	0.05	<0.001	<0.1	0.0001	0.002	--	<0.001	0.55
SP-NFDC-50	10/29/2003	Dissolved	N	<0.0097	We 0.0032	e <0.0004	0.0297	<0.00006	<0.012	<0.00006	B 0.00039	B 0.00036	<0.0026	<0.0045
SP-NFDC-50	10/29/2003	Total	N	e% 0.0319	<0.0006	e <0.0004	e% 0.0296	<0.00006	<0.012	e <0.00006	Be% 0.00057	<0.0003	<0.0026	e% 0.0281
SP-NFDC-700	6/18/2002	Dissolved	N	<0.1	0.004	0.002	<0.1	<0.001	<0.05	0.0001	<0.01	--	<0.01	<0.05
SP-NFDC-700	6/18/2002	Total	N	* <0.1	<0.001	0.001	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	<0.05
SP-NFDC-700	8/7/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	0.0003	<0.01	--	<0.01	<0.01

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-NFDC-700	8/7/2002	Total	N	e 0.4	<0.001	0.001	<0.1	<0.001	<0.1	e% 0.0024	<0.01	--	<0.01	e% 2.82
SP-NFDC-700	5/19/2003	Dissolved	N	<0.1	<0.003	0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SP-NFDC-700	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-NFDC-700	8/13/2003	Dissolved	N	<0.0086	B 0.0027	<0.0004	0.0193	<0.00007	B 0.0108	<0.0001	B 0.0016	<0.0004	<0.0011	<0.0035
SP-NFDC-700	8/13/2003	Total	N	* <0.0097	<0.0006	<0.0004	0.018	<0.00006	B 0.0152	<0.0001	B 0.00095	<0.0003	<0.0026	B 0.0082
SP-UTNFDC-400	5/21/2002	Dissolved	N	0.1	<0.001	0.001	<0.1	<0.001	<0.05	0.0006	<0.01	--	<0.01	0.08
SP-UTNFDC-400	5/21/2002	Total	N	2.7	<0.001	0.003	<0.1	0.005	<0.05	0.0046	0.01	--	<0.01	1.96
SP-UTNFDC-400	5/20/2003	Dissolved	N	<0.1	<0.003	0.002	<0.1	<0.001	<0.1	0.0007	0.001	<0.01	<0.01	<0.03
SP-UTNFDC-400	5/20/2003	Total	N	0.2	<0.003	0.002	<0.1	<0.001	<0.1	0.0011	0.003	<0.01	<0.01	0.25
SP-UTNFDC-520	9/24/2002	Dissolved	N	<0.1	<0.003	<0.003	0.03	<0.001	<0.1	<0.0001	0.002	--	<0.001	0.35
SP-UTNFDC-520	9/24/2002	Total	N	* <0.1	<0.003	<0.003	0.03	<0.001	<0.1	<0.0001	0.002	--	<0.001	0.33
SP-UTNFDC-520	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.001	<0.01	<0.01	<0.03
SP-UTNFDC-520	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTNFDC-520	8/13/2003	Dissolved	N	<0.0086	B 0.002	<0.0004	0.0285	<0.00007	B 0.0102	<0.0001	B 0.0012	<0.0004	<0.0011	<0.0035
SP-UTNFDC-520	8/13/2003	Total	N	*B 0.0192	<0.0006	<0.0004	0.0277	<0.00006	B 0.0142	<0.0001	B 0.00047	<0.0003	<0.0026	0.0273
SP-UTNFDC-540	8/13/2003	Dissolved	N	<0.0086	B 0.0021	B 0.00049	0.0188	B 0.00029	<0.0065	0.00096	B 0.0018	B 0.00077	<0.0011	<0.0035
SP-UTNFDC-540	8/13/2003	Total	N	* 0.0236	<0.0006	B 0.0014	0.0189	<0.00006	<0.012	0.004	B 0.0015	<0.0003	<0.0026	0.179
SP-UTNFDC-540	10/28/2003	Dissolved	N	* < 0.0086	BWe% 0.0021	BW 0.0004	0.0193	<0.00007	B 0.0129	0.0016	Be 0.00094	B 0.00054	<0.0011	<0.0035
SP-UTNFDC-540	10/28/2003	Total	N	0.0862	<0.0006	B 0.0011	0.0205	<0.00007	<0.0065	0.0025	B 0.0044	<0.0004	<0.0011	0.146
SP-UTNFDC-540	5/17/2004	Dissolved	N	--	--	--	--	--	--	*0.0019	--	--	--	<0.0124
SP-UTNFDC-540	5/17/2004	Total	N	--	--	--	--	--	--	0.0021	--	--	--	0.0269
SP-UTNFDC-600	8/6/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.01	--	<0.01	0.02
SP-UTNFDC-600	8/6/2002	Total	N	e 0.2	<0.001	<0.001	<0.1	<0.001	<0.1	e% 0.0007	<0.01	--	<0.01	e% 0.55
SP-UTNFDC-600	5/20/2003	Dissolved	N	<0.1	<0.003	0.002	<0.1	<0.001	<0.1	<0.0001	0.002	<0.01	<0.01	<0.03

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-UTNFDC-600	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTNFDC-600	8/14/2003	Dissolved	N	<0.0097	Be 0.0028	<0.0007	0.0096	<0.00006	<0.012	<0.0001	<0.0003	B 0.00034	<0.0026	e <0.0045
SP-UTNFDC-600	8/14/2003	Total	N	N 0.16	W <0.0006	<0.0007	0.0108	q 0.00013	0.0162	q 0.00014	qe% 0.0017	0.00037	<0.0026	e% 0.309
SP-UTNFDC-600	10/29/2003	Dissolved	N	<0.0097	BWe 0.0027	Be 0.00075	0.0103	<0.00006	<0.012	<0.00006	B 0.0018	B 0.00039	<0.0026	<0.0045
SP-UTNFDC-600	10/29/2003	Total	N	e% 0.025	<0.0006	Be 0.0011	e% 0.01	<0.00006	<0.012	e 0.00022	Be% 0.0022	<0.0003	<0.0026	e% 0.0366
SP-UTNFDC-600	5/18/2004	Dissolved	N	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SP-UTNFDC-600	5/18/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.412
SP-UTNFDC-600	8/25/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	B 0.0177
SP-UTNFDC-600	8/25/2004	Total	N	--	--	--	--	--	--	0.00026	--	--	--	0.702
SOUTH FORK DEER CREEK														
SW-SFDC-200	5/18/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-SFDC-200	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-SFDC-200	8/13/2003	Dissolved	N	<0.0097	Be 0.0018	<0.0007	0.0251	<0.00006	B 0.0158	<0.0001	<0.0003	<0.0003	<0.0026	e 0.0217
SW-SFDC-200	8/13/2003	Dissolved	D	B 0.0138	<0.0006	<0.0007	0.024	<0.00006	<0.012	<0.0001	<0.0003	B 0.00032	<0.0026	0.0275
SW-SFDC-200	8/13/2003	Total	N	N 0.127	<0.0006	<0.0007	0.0257	<0.00006	<0.012	<0.0001	qe% 0.00045	<0.0003	<0.0026	e% 0.21
SW-SFDC-200	8/13/2003	Total	D	N 0.0901	<0.0006	<0.0007	0.0252	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	0.186
SW-SFDC-200	10/28/2003	Dissolved	N	* 0.0204	BWe% 0.0029	<0.0004	0.0265	<0.00007	<0.0065	<0.00006	e <0.0002	B 0.00066	<0.0011	0.0342
SW-SFDC-200	10/28/2003	Total	N	0.174	<0.0006	<0.0004	0.0285	<0.00007	<0.0065	<0.00006	B 0.00066	<0.0004	<0.0011	0.31
SW-SFDC-300	5/22/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SW-SFDC-300	5/22/2002	Total	N	* <0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.08
SW-SFDC-300	5/18/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	0.002	<0.01	<0.01	<0.03
SW-SFDC-300	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-SFDC-800	5/23/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SW-SFDC-800	5/23/2002	Total	N	* <0.1	0.002	0.001	<0.1	<0.001	<0.05	0.0002	<0.01	--	<0.01	<0.05

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-SFDC-800	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-SFDC-800	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-SFDC-800	5/17/2004	Dissolved	N	--	--	--	--	--	--	*0.00022	--	--	--	<0.0124
SW-SFDC-800	5/17/2004	Total	N	--	--	--	--	--	--	0.0002	--	--	--	<0.0124
SW-SFSC-800	9/28/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-SFSC-800	9/28/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0272
SW-UTSFDC-900	5/19/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-UTSFDC-900	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFDC-500	5/22/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.06
SP-UTSFDC-500	5/22/2002	Total	N	0.1	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.12
SP-UTSFDC-600	10/29/2003	Dissolved	N	<0.0097	BWe 0.0022	e <0.0004	0.0338	<0.00006	<0.012	<0.00006	<0.0003	B 0.00057	<0.0026	<0.0045
SP-UTSFDC-600	10/29/2003	Total	N	e% 0.037	<0.0006	e <0.0004	e% 0.0338	<0.00006	<0.012	e <0.00006	Be% 0.0003	<0.0003	<0.0026	e% 0.0275
WELLS CANYON														
SW-WC-800	5/18/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-WC-800	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-WC-800	8/12/2003	Dissolved	N	<0.0097	Be 0.0029	<0.0007	0.0341	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	Be 0.0053
SW-WC-800	8/12/2003	Dissolved	D	B 0.0117	B 0.0018	<0.0007	0.0344	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	B 0.006
SW-WC-800	8/12/2003	Total	N	Ne% 0.146	<0.0006	<0.0007	0.0373	<0.00006	<0.012	q 0.00018	Be% 0.00086	<0.0003	<0.0026	e% 0.135
SW-WC-800	8/12/2003	Total	D	N 0.37	<0.0006	<0.0007	0.0377	<0.00006	<0.012	0.0002	B 0.0016	<0.0003	<0.0026	0.266
SW-WC-800	10/28/2003	Dissolved	N	*< 0.0086	Be% 0.0028	<0.0004	0.0334	<0.00007	<0.0065	<0.00006	Be 0.00066	B 0.00056	<0.0011	<0.0035
SW-WC-800	10/28/2003	Total	N	0.154	<0.0006	B 0.00045	0.0353	<0.00007	<0.0065	M 0.00012	B 0.0014	<0.0004	<0.0011	0.0908
SW-WC-800	5/19/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-WC-800	5/19/2004	Dissolved	D	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SW-WC-800	5/19/2004	Total	N	--	--	--	--	--	--	0.00021	--	--	--	e% 0.383

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IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-WC-800	5/19/2004	Total	D	--	--	--	--	--	--	0.00023	--	--	--	0.408
SW-WC-800	8/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-WC-800	8/24/2004	Total	N	--	--	--	--	--	--	0.00013	--	--	--	0.263
SP-UTWC-300	5/23/2002	Dissolved	N	0.3	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.15
SP-UTWC-300	5/23/2002	Total	N	0.4	<0.001	<0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	0.29
SP-UTWC-300	5/18/2003	Dissolved	N	0.2	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	0.08
SP-UTWC-300	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-WC-400	5/20/2002	Dissolved	N	<0.1	<0.001	0.001	<0.1	<0.001	<0.05	<0.0001	<0.01	--	<0.01	<0.05
SP-WC-400	5/20/2002	Total	N	0.4	0.002	0.003	<0.1	<0.001	<0.05	0.0007	<0.01	--	<0.01	0.29
SP-WC-400	8/8/2002	Dissolved	N	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	0.0002	<0.01	--	<0.01	0.03
SP-WC-400	8/8/2002	Dissolved	D	<0.1	<0.001	<0.001	<0.1	<0.001	<0.1	0.0001	<0.01	--	<0.01	0.03
SP-WC-400	8/8/2002	Total	N	e 0.1	<0.001	<0.001	<0.1	<0.001	<0.1	e% 0.0011	<0.01	--	<0.01	e% 0.72
SP-WC-400	8/8/2002	Total	D	0.3	<0.001	0.001	<0.1	<0.001	<0.1	0.0006	<0.01	--	<0.01	0.35
SP-WC-400	5/18/2003	Dissolved	N	<0.1	<0.003	0.002	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SP-WC-400	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-WC-400	8/13/2003	Dissolved	N	<0.0097	Be 0.0021	<0.0007	0.0177	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	Be 0.0055
SP-WC-400	8/13/2003	Total	N	N 0.888	W <0.0006	0.0011	0.0241	q 0.00008	<0.012	q 0.00081	qe% 0.0064	0.00041	<0.0026	e% 0.616
SP-WC-400	10/28/2003	Dissolved	N	*B 0.015	e% 0.0038	<0.0004	0.0185	<0.00007	<0.0065	<0.00006	Be 0.00075	<0.0004	<0.0011	<0.0035
SP-WC-400	10/28/2003	Dissolved	D	<0.0086	B 0.00071	<0.0004	0.0187	<0.00007	<0.0065	<0.00006	B 0.00098	<0.0004	<0.0011	<0.0035
SP-WC-400	10/28/2003	Total	N	0.77	<0.0006	B 0.00045	0.0247	<0.00007	<0.0065	0.00083	B 0.0057	<0.0004	<0.0011	0.581
SP-WC-400	10/28/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--
SP-WC-400	5/17/2004	Dissolved	N	--	--	--	--	--	--	*<0.0001	--	--	--	<0.0124
SP-WC-400	5/17/2004	Total	N	--	--	--	--	--	--	0.00022	--	--	--	0.147
SP-WC-400	8/25/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124

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IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SP-WC-400	8/25/2004	Total	N	--	--	--	--	--	--	0.0037	--	--	--	3.1
SP-WC-750	6/5/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-WC-750	6/5/2003	Total	N	* <0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SP-WC-750	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SP-WC-750	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SP-WC-750	8/14/2003	Dissolved	N	<0.0097	Be 0.0013	<0.0007	0.0244	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	e <0.0045
SP-WC-750	8/14/2003	Total	N	Ne% <0.0097	W <0.0006	<0.0007	0.0243	<0.00006	<0.012	<0.0001	qe% 0.00094	<0.0003	<0.0026	e% <0.0045
DIAMOND CREEK														
SW-DMC-200	5/18/2003	Dissolved	N	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	<0.01	<0.03
SW-DMC-200	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
SW-DMC-200	8/14/2003	Dissolved	N	<0.0097	e <0.0006	<0.0007	0.0148	<0.00006	<0.012	<0.0001	<0.0003	B 0.00041	<0.0026	e <0.0045
SW-DMC-200	8/14/2003	Dissolved	D	<0.0097	B 0.00088	<0.0007	0.0146	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	<0.0026	<0.0045
SW-DMC-200	8/14/2003	Total	N	N 0.0314	<0.0006	<0.0007	0.015	<0.00006	<0.012	<0.0001	qe% 0.00042	<0.0003	<0.0026	e% 0.023
SW-DMC-200	8/14/2003	Total	D	N 0.0238	<0.0006	<0.0007	0.015	<0.00006	<0.012	<0.0001	0.00034	<0.0003	<0.0026	0.0228
STEWART CANYON														
SW-ST-500	8/15/2003	Dissolved	N	<0.0097	W <0.0006	<0.0004	0.0088	<0.00006	<0.012	<0.0001	B 0.0012	<0.0003	<0.0026	<0.0045
SW-ST-500	8/15/2003	Total	N	0.04	W <0.0006	<0.0004	0.0093	<0.00006	<0.012	0.00041	B 0.0014	<0.0003	<0.0026	* 0.0868
SW-ST-500	5/18/2004	Dissolved	N	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SW-ST-500	5/18/2004	Total	N	--	--	--	--	--	--	0.00021	--	--	--	0.106
SW-ST-500	8/26/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-ST-500	8/26/2004	Total	N	--	--	--	--	--	--	0.00048	--	--	--	0.222
SW-ST-700	8/26/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-ST-700	8/26/2004	Dissolved	D	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SW-ST-700	8/26/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	B 0.0163

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IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-ST-700	8/26/2004	Total	D	--	--	--	--	--	--	<0.0001	--	--	--	0.0204
SP-ST-100	8/15/2003	Dissolved	N	<0.0097	BW 0.00073	<0.0004	0.022	<0.00006	<0.012	<0.0001	B 0.00094	B 0.00065	<0.0026	<0.0045
SP-ST-100	8/15/2003	Total	N	* <0.0097	<0.0006	<0.0004	0.0224	<0.00006	<0.012	<0.0001	B 0.00072	<0.0003	<0.0026	* < 0.0045
SP-ST-100	5/18/2004	Dissolved	N	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SP-ST-100	5/18/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-ST-100	8/26/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-ST-100	8/26/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-ST-200	8/15/2003	Dissolved	N	<0.0097	W <0.0006	<0.0004	0.0222	<0.00006	<0.012	<0.0001	B 0.001	B 0.00049	<0.0026	<0.0045
SP-ST-200	8/15/2003	Total	N	* <0.0097	W <0.0006	<0.0004	0.022	<0.00006	<0.012	<0.0001	B 0.0009	<0.0003	<0.0026	*B 0.0089
SP-ST-200	5/18/2004	Dissolved	N	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SP-ST-200	5/18/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	0.0273
SP-ST-200	8/26/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	--	<0.0124
SP-ST-200	8/26/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	--	B 0.0193
LAMB CANYON														
SW-LC-500	8/15/2003	Dissolved	N	<0.0097	BW 0.00082	<0.0004	0.0152	B 0.00011	B 0.0122	<0.0001	B 0.0016	B 0.00035	<0.0026	<0.0045
SW-LC-500	8/15/2003	Total	N	0.0679	W <0.0006	<0.0004	0.0159	<0.00006	<0.012	0.00042	B 0.0017	<0.0003	B 0.0029	* 0.111
CLEAR CREEK														
SW-CL-800	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SW-CL-800	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
WHITE DUGWAY CREEK														
SW-WD-800	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--
SW-WD-800	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
WARM CREEK														
SW-WM-800	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				NE	4.3	0.05	NE	NE	NE	0.001h	0.01+	NE	0.011h	NE
SW-WM-800	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--
PRESERVATIVE BLANK														
SW-OC-200	5/20/2003	Dissolved	B	<0.1	<0.003	<0.001	<0.1	<0.001	<0.1	<0.0001	<0.001	<0.01	0.02	<0.03
SW-OC-200	5/20/2003	Total	B	--	--	--	--	--	--	--	--	--	--	--
SW-OC-200	8/14/2003	Dissolved	B	<0.0097	<0.0006	<0.0007	<0.0005	<0.00006	<0.012	<0.0001	<0.0003	<0.0003	0.0192	<0.0045
SW-OC-200	8/14/2003	Total	B	N <0.0097	<0.0006	<0.0007	<0.0005	0.00007	<0.012	M 0.00011	0.0003	<0.0003	0.0211	<0.0045
SW-OC-200	10/30/2003	Dissolved	B	--	--	--	--	--	--	--	--	--	--	--
SW-OC-200	10/30/2003	Total	B	* <0.0097	<0.0003	WN <0.0006	<0.0005	<0.00006	<0.012	0.00011	B 0.00051	<0.0003	0.0188	* < 0.0045
SW-OC-200	5/19/2004	Dissolved	B	--	--	--	--	--	--	* <0.0001	--	--	--	<0.0124
SW-OC-200	5/19/2004	Total	B	--	--	--	--	--	--	<0.0001	--	--	--	e% <0.0124

Notes:

B Not detected above quantitation limit but present above method detection limit (SVL).
D Field duplicate sample
J Estimated value (Northern Analytical).
N Located in the QC column indicates natural sample.
N Located in analyte column indicates percent recovery not within control limits 75-125% (
NE Not Established
M Duplicate precision goal not met (SVL).
W Post-digestion spike recovery out of control limits 85-115% (SVL).
< Indicates analyte not detected above laboratory practical quantification limit (PQL).
(mg/L) Milligrams per liter
* Dulicate analysis not within control limits (SVL).
(1) Verified by a second analysis (Northern Analytical).
-- Field data or laboratory samples were not collected or analyzed.

H Sample analyzed out of holding time.
e Field duplicate results exceed acceptable limits - PQL based determination.
e% Field duplicate results exceed acceptable limits - relative percent difference determination.
q Associated values are estimates - field blank showed evidence of contamination.
** The surface water standards value is the lowest concentration for cold water biota for Criteria Maximum Concentration (CMC), Criteria Continuous Concentration (CCC), or human consumption of organisms. Standards from IDAPA 58.01.02.210 + 250. For Idaho, water quality standards are based on the dissolved fraction for metals in surface water (except total fraction for selenium and mercury as CCC). Standard values followed by an "h" indicate the aquatic life criteria are expressed as a function of total hardness and water effect ratio (WER). Hardness dependent standards are calculated for each watershed based on the average observed hardness. Standards shown are based on hardness of 100 mg/L.
Shading indicates results above Idaho DEQ Standards, regardless of physical state (Total or Dissolved).
+ Chromium standard of 0.01 mg/l is for Chromium VI; the chromium III standard is 0.18 mg/l for CCC and is hardness dependent.

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IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
CROW CREEK															
SW-CC-50	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CC-50	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CC-50	5/19/2004	Dissolved	N	<0.0007	0.0394	<0.0002	--	<0.0013	B 0.00051	--	--	--	--	--	B 0.0014
SW-CC-50	5/19/2004	Total	N	B 0.001	0.0478	<0.0002	--	<0.0013	Be% 0.00051	--	--	--	--	--	B 0.003
SW-CC-50	8/24/2004	Dissolved	N	B 0.00063	0.0269	<0.0001	--	0.013	N< 0.0003	--	--	--	--	--	Be 0.00097
SW-CC-50	8/24/2004	Total	N	<0.0004	0.033	<0.0001	--	<0.0013	Be 0.0003	--	--	--	--	--	B 0.0016
SW-CC-100	8/15/2003	Dissolved	N	W <0.0003	0.0071	<0.0001	0.011	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.0019	<0.0018
SW-CC-100	8/15/2003	Total	N	<0.0003	0.0102	<0.0001	0.0086	<0.001	BN 0.00028	--	--	<0.0001	<0.0003	B 0.002	<0.0018
SW-CC-100	10/29/2003	Dissolved	N	<0.0004	0.0077	<0.0001	0.0087	B 0.0023	B 0.0005	--	--	<0.0001	<0.0003	B 0.0018	0.0018
SW-CC-100	10/29/2003	Dissolved	D	<0.0004	0.0064	<0.0001	B 0.0079	B 0.0025	B 0.00068	--	--	<0.0001	<0.0003	B 0.0016	0.0018
SW-CC-100	10/29/2003	Total	N	B 0.00069	e% 0.0774	<0.0001	0.0096	<0.001	Be 0.00097	<0.0002	Be 0.00097	<0.0001	<0.0003	Be% 0.0039	e% 0.0095
SW-CC-100	10/29/2003	Total	D	<0.0004	0.0096	<0.0001	0.0102	<0.001	B 0.00075	<0.0002	B 0.00075	<0.0001	W <0.0003	B 0.0018	<0.0018
SW-CC-100	5/19/2004	Dissolved	N	<0.0007	0.0052	<0.0002	--	<0.0013	B 0.00092	--	--	--	--	--	<0.0002
SW-CC-100	5/19/2004	Total	N	B 0.001	0.0185	<0.0002	--	<0.0013	Be% 0.00097	--	--	--	--	--	B 0.002
SW-CC-100	8/24/2004	Dissolved	N	<0.0004	0.0057	<0.0001	--	0.0166	BN 0.00078	--	--	--	--	--	Be 0.0013
SW-CC-100	8/24/2004	Total	N	<0.0004	0.0155	<0.0001	--	<0.0013	Be 0.00097	--	--	--	--	--	B 0.0012
SW-CC-300	5/20/2003	Dissolved	N	<0.002	e <0.01	<0.0001	<0.005	<0.01	e 0.001	<0.001	e 0.001	<0.001	<0.002	<0.005	e <0.01
SW-CC-300	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CC-300	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CC-300	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CC-300	8/12/2003	Dissolved	N	e <0.0003	e 0.0074	<0.0001	0.0101	B 0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.0019	<0.0018
SW-CC-300	8/12/2003	Total	N	Be% 0.00083	0.0175	<0.0001	q 0.0114	<0.001	--	--	--	N 0.0001	<0.0005	B 0.0021	<0.0018
SW-CC-300	5/19/2004	Dissolved	N	<0.0007	0.0131	<0.0002	--	<0.0013	B 0.00067	--	--	--	--	--	B 0.0034

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-CC-300	5/19/2004	Total	N	B 0.001	0.021	<0.0002	--	<0.0013	Be% 0.00048	--	--	--	--	--	B 0.0022
SW-CC-300	8/24/2004	Dissolved	N	W <0.0004	0.0072	<0.0001	--	B 0.0097	BN 0.00037	--	--	--	--	--	e <0.0002
SW-CC-300	8/24/2004	Total	N	<0.0004	0.0117	<0.0001	--	<0.0013	Be 0.00063	--	--	--	--	--	<0.0002
SW-CC-800	5/20/2003	Dissolved	N	<0.002	e 0.01	<0.0001	<0.005	<0.01	e 0.002	<0.001	e 0.002	<0.001	<0.002	<0.005	e <0.01
SW-CC-800	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CC-800	8/15/2003	Dissolved	N	<0.0003	0.0032	<0.0001	0.013	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.002	<0.0018
SW-CC-800	8/15/2003	Total	N	<0.0003	0.0215	<0.0001	0.0097	<0.001	N <0.0002	--	--	N <0.0001	<0.0003	B 0.0021	<0.0018
SW-CC-800	5/19/2004	Dissolved	N	<0.0007	0.022	<0.0002	--	<0.0013	B 0.00078	--	--	--	--	--	B 0.0025
SW-CC-800	5/19/2004	Dissolved	D	<0.0007	0.0213	<0.0002	--	<0.0013	B 0.00079	--	--	--	--	--	B 0.0018
SW-CC-800	5/19/2004	Total	N	B 0.00082	0.0299	<0.0002	--	<0.0013	Be% 0.00081	--	--	--	--	--	B 0.001
SW-CC-800	5/19/2004	Total	D	B 0.00082	0.0297	<0.0002	--	<0.0013	B 0.00031	--	--	--	--	--	B 0.00096
SW-CC-800	8/24/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.0107	BN 0.00076	--	--	--	--	--	e <0.0002
SW-CC-800	8/24/2004	Total	N	<0.0004	0.0054	<0.0001	--	<0.0013	e 0.0017	--	--	--	--	--	<0.0002
SP-UTCC-50	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTCC-50	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-RIEDE	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-RIEDE	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	6/5/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	6/5/2003	Total	N	<0.002	0.02	<0.0002	<0.005	<0.01	--	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SP-BOOKS	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-BOOKS	8/14/2003	Dissolved	N	Be 0.0007	e 0.0236	<0.0001	0.0113	<0.001	<0.0002	--	--	W <0.0001	<0.0005	B 0.0011	B 0.0021
SP-BOOKS	8/14/2003	Total	N	qe% 0.00062	0.0211	<0.0001	q 0.0113	<0.001	--	--	--	N <0.0001	<0.0005	0.00096	<0.0018
SP-BOOKS	5/19/2004	Dissolved	N	<0.0007	0.0035	<0.0002	--	<0.0013	B 0.00062	--	--	--	--	--	B 0.002

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-BOOKS	5/19/2004	Total	N	B 0.001	0.0024	<0.0002	--	<0.0013	e%B 0.00058	--	--	--	--	--	B 0.0012
SP-BOOKS	8/24/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.0112	BN 0.00082	--	--	--	--	--	Be 0.001
SP-BOOKS	8/24/2004	Dissolved	D	B 0.00043	B 0.0011	<0.0001	--	0.011	BN 0.00051	--	--	--	--	--	<0.0002
SP-BOOKS	8/24/2004	Total	N	<0.0004	<0.001	<0.0001	--	<0.0013	Be 0.00093	--	--	--	--	--	<0.0002
SP-BOOKS	8/24/2004	Total	D	<0.0004	<0.001	<0.0001	--	<0.0013	B 0.00072	--	--	--	--	--	<0.0002
SP-CC-500	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-CC-500	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-QH-800	10/30/2003	Dissolved	N	<0.0004	0.0563	<0.0001	0.0108	<0.001	B 0.00077	--	--	<0.0001	<0.0003	B 0.0014	<0.0018
SP-QH-800	10/30/2003	Total	N	B 0.0018	q 0.128	<0.0001	q 0.0125	<0.001	B 0.00099	<0.0002	B 0.00099	<0.0001	<0.0003	B 0.0038	q 0.01
SOUTH FORK SAGE CREEK															
SW-SFSC-200	5/20/2003	Dissolved	N	<0.002	e <0.01	<0.0001	<0.005	<0.01	e <0.001	<0.001	e <0.001	<0.001	<0.002	<0.005	e <0.01
SW-SFSC-200	5/20/2003	Total	N	<0.002	<0.01	0.0002	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-SFSC-200	8/12/2003	Dissolved	N	<0.0003	B 0.0018	N <0.0001	B 0.0053	<0.0011	<0.0002	--	--	W <0.0001	B 0.00034	B 0.00042	<0.0017
SW-SFSC-200	8/12/2003	Total	N	B 0.00065	B 0.0018	<0.0001	0.0104	<0.001	<0.0002	<0.0002	<0.0002	W <0.0001	B 0.00035	B 0.00025	<0.0018
SW-SFSC-500	5/20/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-SFSC-500	5/20/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-SFSC-500	8/12/2003	Dissolved	N	<0.0003	B 0.0011	N <0.0001	B 0.0049	<0.0011	<0.0002	--	--	W <0.0001	B 0.00034	B 0.00057	<0.0017
SW-SFSC-500	8/12/2003	Total	N	B 0.00073	0.004	<0.0001	0.0106	<0.001	<0.0002	--	--	W <0.0001	<0.0003	B 0.00036	<0.0018
SW-SFSC-800	8/12/2003	Dissolved	N	<0.0003	0.0027	N <0.00025	B 0.006	<0.0011	B 0.00024	--	--	W <0.0001	<0.0003	B 0.0015	<0.0017
SW-SFSC-800	8/12/2003	Total	N	B 0.00073	0.0064	<0.0001	0.0133	<0.001	B 0.00053	<0.0002	B 0.00053	W <0.0001	<0.0003	B 0.0015	<0.0018
SW-SFSC-800	5/18/2004	Dissolved	N	<0.001	B 0.0012	<0.0002	--	B 0.004	0.0021	--	--	--	--	--	B 0.0008
SW-SFSC-800	5/18/2004	Total	N	W <0.001	0.0034	<0.0002	--	<0.0013	0.0021	--	--	--	--	--	B 0.0017
SP-SFSC-100	10/28/2003	Dissolved	N	<0.0004	B 0.0018	<0.0001	B 0.0069	<0.0011	<0.0002	--	--	<0.0001	<0.0003	B 0.00043	<0.0017
SP-SFSC-100	10/28/2003	Total	N	B 0.00057	0.0023	<0.0001	B 0.0074	<0.0011	<0.0002	<0.0002	<0.0002	<0.0001	<0.0003	B 0.00051	<0.0017

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-UTSFSC-100	5/21/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SP-UTSFSC-100	5/21/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SP-UTSFSC-100	8/6/2002	Dissolved	N	0.004	<0.02	JH <0.0005	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	e <0.02
SP-UTSFSC-100	8/6/2002	Total	N	<0.001	e <0.02	JH <0.0005	--	<0.02	0.001	<0.001	e% <0.001	<0.001	<0.002	<0.005	0.03
SP-UTSFSC-100	5/20/2003	Dissolved	N	<0.002	e <0.01	<0.0001	<0.005	<0.01	e <0.001	<0.001	e <0.001	<0.001	<0.002	<0.005	e <0.01
SP-UTSFSC-100	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFSC-100	8/12/2003	Dissolved	N	Be 0.00031	e 0.0121	<0.0001	0.0103	B 0.0015	<0.0002	--	--	<0.0001	<0.0005	B 0.00043	<0.0018
SP-UTSFSC-100	8/12/2003	Total	N	qe% 0.0021	0.122	<0.0001	q 0.0112	<0.001	B 0.00026	<0.0002	B 0.00026	N <0.0001	<0.0005	B 0.0017	q 0.0069
SP-UTSFSC-200	9/23/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SP-UTSFSC-200	9/23/2002	Total	N	<0.003	0.039	<0.0002	--	<0.02	0.002	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SP-UTSFSC-200	5/20/2003	Dissolved	N	<0.002	e 0.04	<0.0001	<0.005	<0.01	e <0.001	<0.001	e <0.001	<0.001	<0.002	<0.005	e <0.01
SP-UTSFSC-200	5/20/2003	Dissolved	D	<0.002	<0.01	<0.0001	<0.005	<0.01	0.005	<0.001	0.005	<0.001	<0.002	<0.005	0.03
SP-UTSFSC-200	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFSC-200	5/20/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFSC-200	8/12/2003	Dissolved	N	e <0.0003	e 0.0058	<0.0001	0.0113	<0.001	<0.0002	--	--	<0.0001	<0.0005	<0.0002	<0.0018
SP-UTSFSC-200	8/12/2003	Total	N	Be% 0.0012	0.0174	<0.0001	q 0.013	<0.001	<0.0002	<0.0002	<0.0002	N <0.0001	<0.0005	B 0.00027	<0.0018
SP-UTSFSC-200	10/29/2003	Dissolved	N	<0.0004	0.0062	<0.0001	0.0114	B 0.0016	<0.0002	--	--	<0.0001	<0.0002	<0.0002	0.0018
SP-UTSFSC-200	10/29/2003	Total	N	<0.0004	e% 0.0114	<0.0001	0.0101	<0.001	e <0.0002	<0.0002	e <0.0002	<0.0001	<0.0003	e% <0.0002	e% <0.0018
SP-SFSC-750	7/28/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-SFSC-750	7/28/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-SFSC-750	8/12/2003	Dissolved	N	<0.0003	<0.0003	N <0.0005	B 0.007	<0.0011	<0.0002	--	--	W <0.0001	<0.0003	B 0.0017	<0.0017
SP-SFSC-750	8/12/2003	Total	N	B 0.00058	B 0.0011	<0.0001	0.013	<0.001	0.001	<0.0002	0.001	W <0.0001	<0.0003	B 0.0015	<0.0018
SP-SFSC-750	9/28/2004	Dissolved	N	W <0.0004	B 0.0011	<0.0002	--	B 0.0066	--	0.0017	--	--	--	--	B 0.00031
SP-SFSC-750	9/28/2004	Total	N	<0.0004	0.0034	<0.0002	--	<0.0013	0.0018	--	--	--	--	--	<0.0002

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-SFSC-750	10/13/2004	Dissolved	N	B 0.0011	B 0.0019	<0.0002	--	<0.0013	B 0.0008	--	--	--	--	--	S 0.0076
SP-SFSC-750	10/13/2004	Total	N	B 0.00069	0.0024	<0.0002	--	<0.0013	0.001	--	--	--	--	--	B 0.0023
SP-HOOPES	7/28/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-HOOPES	7/28/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTSC-850	5/18/2004	Dissolved	N	<0.001	0.119	<0.0002	--	B 0.0076	0.008	--	--	--	--	--	B 0.0021
SP-UTSC-850	5/18/2004	Total	N	W <0.001	0.14	--	--	<0.0013	0.0084	--	--	--	--	--	B 0.0037
SP-UTSC-850	9/28/2004	Dissolved	N	<0.0004	0.0298	<0.0002	--	B 0.0068	--	B0.00053	--	--	--	--	B 0.00036
SP-UTSC-850	9/28/2004	Total	N	W <0.0004	0.036	<0.0002	--	<0.0013	B 0.00073	--	--	--	--	--	B 0.0017
MANNING CREEK															
SP-MC-300	5/21/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SP-MC-300	5/21/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SP-MC-300	5/20/2003	Dissolved	N	<0.002	e <0.01	<0.0001	<0.005	<0.01	e <0.001	<0.001	e <0.001	<0.001	<0.002	<0.005	e <0.01
SP-MC-300	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-MC-300	8/25/2004	Dissolved	N	<0.0004	0.221	<0.0001	--	0.0104	N< 0.0003	--	--	--	--	--	e <0.0002
SP-MC-300	8/25/2004	Total	N	0.0265	2.22	B 0.00013	--	0.0244	e 0.0016	--	--	--	--	--	0.189
DEER CREEK															
SW-DC-200	5/18/2003	Dissolved	N	<0.002	0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-DC-200	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DC-200	8/14/2003	Dissolved	N	Be 0.0007	e 0.01	<0.0001	0.0096	<0.001	<0.0002	--	--	W <0.0001	<0.0005	B 0.00055	<0.0018
SW-DC-200	8/14/2003	Total	N	qe% 0.00083	0.0121	<0.0001	q 0.0107	<0.001	--	--	--	N <0.0001	<0.0005	0.00059	<0.0018
SW-DC-200	5/20/2004	Dissolved	N	<0.0007	B 0.0012	<0.0002	--	<0.0013	0.0015	--	--	--	--	--	B 0.00097
SW-DC-200	5/20/2004	Total	N	B 0.00082	0.0033	<0.0002	--	<0.0013	Be% 0.0016	--	--	--	--	--	B 0.001
SW-DC-200	8/25/2004	Dissolved	N	<0.0004	0.0142	B 0.00018	--	0.0126	N 0.0012	--	--	--	--	--	Be 0.00031
SW-DC-200	8/25/2004	Total	N	<0.0004	0.0284	<0.0001	--	<0.0013	e 0.0016	--	--	--	--	--	B 0.0013

TABLE A-3
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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-DC-300	5/22/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-DC-300	5/22/2002	Total	N	<0.001	0.03	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	0.04
SW-DC-300	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-DC-300	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DC-400	5/22/2002	Dissolved	N	0.002	<0.02	e <0.0002	--	<0.02	0.001	<0.001	<0.001	<0.001	<0.002	<0.005	0.64
SW-DC-400	5/22/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	0.002	<0.001	0.001	<0.001	<0.002	<0.005	<0.02
SW-DC-400	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.01
SW-DC-400	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DC-400	5/17/2004	Dissolved	N	W <0.001	B 0.0011	<0.0002	--	B 0.0054	0.0011	--	--	--	--	--	B 0.0034
SW-DC-400	5/17/2004	Total	N	W <0.001	B 0.0015	<0.0002	--	<0.0013	0.0011	--	--	--	--	--	B 0.003
SW-DC-500	5/23/2002	Dissolved	N	<0.001	<0.02	e 0.0005	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-DC-500	5/23/2002	Dissolved	D	<0.001	<0.02	<0.0002	--	<0.02	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.02
SW-DC-500	5/23/2002	Total	N	0.001	<0.02	0.001	--	<0.02	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.02
SW-DC-500	5/23/2002	Total	D	<0.001	<0.02	<0.0002	--	<0.02	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.02
SW-DC-500	8/7/2002	Dissolved	N	0.004	<0.02	JH <0.0005	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	e 0.05
SW-DC-500	8/7/2002	Total	N	0.001	e 0.02	JH <0.0005	--	<0.02	0.002	<0.001	e% 0.001	<0.001	<0.002	<0.005	0.1
SW-DC-500	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.01
SW-DC-500	5/19/2003	Total	N	0.003	0.02	0.0002	<0.005	<0.01	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.01
SW-DC-500	8/13/2003	Dissolved	N	W <0.0003	0.0155	N <0.0001	B 0.0068	<0.0011	<0.0002	--	--	<0.0001	B 0.00034	B 0.0014	<0.0017
SW-DC-500	8/13/2003	Total	N	B 0.0014	0.0822	<0.0001	0.0124	<0.001	B 0.0007	<0.0002	B 0.0007	<0.0001	<0.0003	B 0.0017	B 0.0031
SW-DC-500	10/28/2003	Dissolved	N	<0.0004	0.0048	<0.0001	0.0095	<0.0011	0.00093	--	--	<0.0001	W <0.0003	B 0.0014	B 0.0034
SW-DC-500	10/28/2003	Total	N	B 0.00046	0.0118	<0.0001	0.0095	<0.0011	B 0.0011	<0.0002	0.0011	<0.0001	<0.0003	B 0.0012	<0.0017
SW-DC-500	5/17/2004	Dissolved	N	<0.001	0.0036	<0.0002	--	B 0.0053	0.0012	--	--	--	--	--	B 0.0021
SW-DC-500	5/17/2004	Total	N	<0.001	0.0351	--	--	<0.0013	0.0012	--	--	--	--	--	B 0.005

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-DC-500	8/26/2004	Dissolved	N	<0.0004	0.0086	<0.0001	--	0.0131	BN 0.00055	--	--	--	--	--	Be 0.0003
SW-DC-500	8/26/2004	Total	N	<0.0004	0.0546	<0.0001	--	<0.0013	Be 0.00072	--	--	--	--	--	B 0.0026
SW-DC-800	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.01
SW-DC-800	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DC-800	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DC-800	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DC-800	8/12/2003	Dissolved	N	e <0.0003	e 0.0098	<0.0001	0.0113	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.0024	<0.0018
SW-DC-800	8/12/2003	Total	N	Be% 0.001	0.0184	<0.0001	q 0.0126	<0.001	0.0012	0.00032	B 0.00093	<0.0001	<0.0005	B 0.0026	<0.0018
SW-DC-800	10/30/2003	Dissolved	N	B 0.00053	0.0144	<0.0001	0.0129	<0.001	0.0018	--	--	<0.0001	<0.0003	B 0.0013	<0.0018
SW-DC-800	10/30/2003	Total	N	B 0.00043	q 0.0173	<0.0001	q 0.0128	<0.001	q 0.0018	--	--	<0.0001	<0.0003	B 0.0016	<0.0018
SW-DC-800	5/19/2004	Dissolved	N	W <0.0007	0.0126	<0.0002	--	<0.0013	0.0018	--	--	--	--	--	B 0.0017
SW-DC-800	5/19/2004	Total	N	<0.0007	0.0186	<0.0002	--	<0.0013	Be% 0.0017	--	--	--	--	--	B 0.0013
SW-DC-800	8/24/2004	Dissolved	N	B 0.00045	0.0098	<0.0001	--	0.0129	N 0.0012	--	--	--	--	--	e <0.0002
SW-DC-800	8/24/2004	Total	N	<0.0004	0.0181	<0.0001	--	<0.0013	e 0.0015	--	--	--	--	--	B 0.00041
SP-DC-100	10/29/2003	Dissolved	N	<0.0004	0.0053	<0.0001	0.0134	0.0103	0.003	--	--	<0.0001	<0.0003	B 0.0042	0.0501
SP-DC-100	10/29/2003	Total	N	<0.0004	Be% 0.0016	<0.0001	0.0139	<0.001	e 0.0034	--	--	<0.0001	W <0.0003	Be% 0.0046	e% 0.0487
SP-DC-350	8/8/2002	Dissolved	N	<0.001	<0.02	JH <0.0005	--	<0.02	0.006	<0.001	0.003	<0.001	<0.002	<0.005	e 0.08
SP-DC-350	8/8/2002	Total	N	<0.001	e <0.02	JH <0.0005	--	<0.02	0.006	<0.001	e% 0.004	<0.001	<0.002	<0.005	0.1
SP-DC-350	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.01
SP-DC-350	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-DC-350	8/13/2003	Dissolved	N	e <0.0003	e 0.0037	<0.0001	0.0095	B 0.0052	B 0.00029	--	--	<0.0001	<0.0005	B 0.0031	q 0.028
SP-DC-350	8/13/2003	Total	N	qe% 0.00042	0.0013	<0.0001	q 0.011	<0.001	0.0035	<0.0002	0.0035	N <0.0001	<0.0005	0.0033	q 0.0256
SP-DC-350	5/17/2004	Dissolved	N	<0.001	<0.001	<0.0002	--	B 0.0075	0.0028	--	--	--	--	--	0.0108
SP-DC-350	5/17/2004	Total	N	W <0.001	0.0022	<0.0002	--	<0.0013	0.0029	--	--	--	--	--	0.193

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-DC-350	8/25/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.0165	N 0.0028	--	--	--	--	--	e 0.0269
SP-DC-350	8/25/2004	Total	N	<0.0004	0.0401	<0.0001	--	0.0103	e 0.0045	--	--	--	--	--	0.0652
SP-UTDC-700	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.01	<0.001	0.01	<0.001	<0.002	0.016	0.01
SP-UTDC-700	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTDC-700	8/14/2003	Dissolved	N	e <0.0003	e 0.0101	<0.0001	B 0.0062	B 0.0043	B 0.00039	--	--	<0.0001	<0.0005	0.0134	<0.0018
SP-UTDC-700	8/14/2003	Total	N	qe% 0.0011	0.0376	<0.0001	q 0.0071	0.0133	--	--	--	<0.0001	<0.0005	0.0197	q 0.0797
SP-UTDC-700	10/28/2003	Dissolved	N	<0.0004	0.188	<0.0001	0.0097	B 0.0013	0.0037	--	--	W <0.0001	W <0.0003	0.0093	0.0079
SP-UTDC-700	10/28/2003	Total	N	0.0036	0.294	<0.0001	0.0105	0.0266	0.0068	--	--	B 0.00057	B 0.00034	0.032	0.225
SP-UTDC-700	5/17/2004	Dissolved	N	<0.001	B 0.0013	<0.0002	--	0.0199	0.0073	--	--	--	--	--	0.0606
SP-UTDC-700	5/17/2004	Total	N	<0.001	0.0192	<0.0002	--	0.0145	0.0075	--	--	--	--	--	0.0763
SP-UTDC-700	8/26/2004	Dissolved	N	W <0.0004	0.0067	<0.0001	--	0.0323	N 0.003	--	--	--	--	--	0.0815
SP-UTDC-700	8/26/2004	Total	N	0.0032	0.66	0.00027	--	0.29	e 0.0078	--	--	--	--	--	1.15
SP-UTDC-800	9/25/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	0.002	0.002	<0.001	<0.0005	<0.002	<0.05	0.06
SP-UTDC-800	9/25/2002	Total	N	<0.003	0.019	<0.0002	--	0.03	0.003	0.002	<0.001	<0.0005	<0.002	<0.05	0.09
SP-UTDC-800	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	0.006	<0.01	0.015	<0.001	0.015	<0.001	<0.002	0.005	0.04
SP-UTDC-800	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTDC-800	8/13/2003	Dissolved	N	e <0.0003	e 0.003	<0.0001	0.0267	q 0.0179	B 0.00048	--	--	<0.0001	<0.0005	B 0.002	q 0.0786
SP-UTDC-800	8/13/2003	Total	N	qe% 0.00058	0.0083	<0.0001	q 0.0277	0.0098	0.0029	<0.0002	0.0029	N <0.0001	<0.0005	0.0026	q 0.0838
SP-UTDC-800	10/28/2003	Dissolved	N	<0.0004	B 0.00036	<0.0001	0.0284	0.0174	0.0023	--	--	W <0.0001	W <0.0003	B 0.0024	0.0981
SP-UTDC-800	10/28/2003	Total	N	B 0.001	0.0139	<0.0001	0.0297	0.0244	0.0032	<0.0002	0.0032	B 0.00027	<0.0003	0.0177	0.163
SP-UTDC-800	5/17/2004	Dissolved	N	W <0.001	0.0322	<0.0002	--	B 0.0085	0.0065	--	--	--	--	--	0.0077
SP-UTDC-800	5/17/2004	Total	N	<0.001	0.0563	<0.0002	--	0.0128	0.0069	--	--	--	--	--	0.0862
NORTH FORK DEER CREEK															
SW-NFDC-200	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.01

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-NFDC-200	5/19/2003	Dissolved	D	<0.002	<0.01	<0.0001	<0.005	<0.01	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.01
SW-NFDC-200	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-200	5/19/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-500	5/22/2002	Dissolved	N	<0.001	<0.02	e 0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	0.03
SW-NFDC-500	5/22/2002	Total	N	<0.001	<0.02	0.0005	--	<0.02	0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.02
SW-NFDC-500	8/7/2002	Dissolved	N	<0.001	0.04	JH <0.0005	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	e 0.07
SW-NFDC-500	8/7/2002	Total	N	<0.001	e 0.09	JH <0.0005	--	<0.02	0.002	<0.001	e% 0.001	<0.001	<0.002	<0.005	0.05
SW-NFDC-500	5/19/2003	Dissolved	N	<0.002	0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-NFDC-500	5/19/2003	Dissolved	D	<0.002	<0.01	<0.0001	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.01
SW-NFDC-500	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-500	5/19/2003	Total	D	--	--	--	--	--	--	--	--	--	--	--	--
SW-NFDC-500	8/13/2003	Dissolved	N	W <0.0003	0.0441	N <0.0001	B 0.0053	<0.0011	<0.0002	--	--	<0.0001	B 0.00047	B 0.00056	<0.0017
SW-NFDC-500	8/13/2003	Total	N	B 0.00058	0.117	<0.0001	0.0111	<0.001	<0.0002	--	--	<0.0001	<0.0003	B 0.00047	<0.0018
SW-NFDC-500	10/28/2003	Dissolved	N	<0.0004	0.0591	<0.0001	0.0081	<0.0011	<0.0002	--	--	<0.0001	W <0.0003	B 0.00059	<0.0017
SW-NFDC-500	10/28/2003	Total	N	B 0.00046	0.0984	<0.0001	0.0086	<0.0011	<0.0002	--	--	<0.0001	<0.0003	B 0.00068	<0.0017
SW-NFDC-900	6/18/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-NFDC-900	6/18/2002	Total	N	<0.001	0.04	<0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-NFDC-900	8/7/2002	Dissolved	N	<0.001	<0.02	JH <0.0005	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	e <0.02
SW-NFDC-900	8/7/2002	Total	N	0.001	e 0.05	JH <0.0005	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SW-NFDC-900	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.01
SW-NFDC-900	5/19/2003	Total	N	<0.002	0.08	0.0005	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.01
SW-NFDC-900	8/13/2003	Dissolved	N	W <0.0003	0.0024	N <0.00025	B 0.006	<0.0011	<0.0002	--	--	W <0.0001	<0.0003	B 0.0011	<0.0017
SW-NFDC-900	8/13/2003	Total	N	B 0.00065	0.0656	<0.0001	0.0122	<0.001	B 0.00046	<0.0002	B 0.00046	<0.0001	<0.0003	B 0.0014	<0.0018
SW-NFDC-900	10/28/2003	Dissolved	N	<0.0004	0.0044	<0.0001	0.0087	<0.0011	B 0.00096	--	--	W <0.0001	<0.0003	B 0.00097	<0.0017

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-NFDC-900	10/28/2003	Total	N	B 0.00057	0.0205	<0.0001	0.0094	<0.0011	B 0.00098	B 0.00032	B 0.00066	<0.0001	W <0.0003	B 0.0014	<0.0017
SW-UTNFDC-510	9/24/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-510	9/24/2002	Total	N	<0.003	0.044	<0.0002	--	<0.02	0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-510	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-UTNFDC-510	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-UTNFDC-510	8/13/2003	Dissolved	N	<0.0003	0.0208	N <0.0001	B 0.0048	<0.0011	<0.0002	--	--	<0.0001	<0.0003	<0.0003	<0.0017
SW-UTNFDC-510	8/13/2003	Total	N	B 0.00094	0.074	<0.0001	0.0131	<0.001	<0.0002	--	--	<0.0001	<0.0003	B 0.00035	<0.0018
SW-UTNFDC-700	9/23/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-700	9/23/2002	Total	N	<0.003	0.011	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-700	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-UTNFDC-700	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-UTNFDC-700	8/13/2003	Dissolved	N	W <0.0003	B 0.0019	N <0.0001	B 0.0049	<0.0011	<0.0002	--	--	<0.0001	<0.0003	B 0.00045	<0.0017
SW-UTNFDC-700	8/13/2003	Total	N	B 0.00073	0.0071	<0.0001	0.0107	<0.001	<0.0002	--	--	N <0.0001	B 0.00031	B 0.00045	<0.0018
SW-UTNFDC-800	9/23/2002	Dissolved	N	0.028	0.018	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	1.22
SW-UTNFDC-800	9/23/2002	Total	N	<0.003	0.009	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-900	9/23/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-900	9/23/2002	Total	N	<0.003	0.022	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-950	9/23/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SW-UTNFDC-950	9/23/2002	Total	N	<0.003	0.023	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SP-NFDC-50	10/29/2003	Dissolved	N	<0.0004	B 0.0018	<0.0001	0.0094	<0.001	B 0.00041	--	--	<0.0001	<0.0003	B 0.00024	0.011
SP-NFDC-50	10/29/2003	Total	N	<0.0004	e% 0.0029	<0.0001	0.0095	<0.001	Be 0.00057	--	--	<0.0001	<0.0003	e% <0.0002	e% 0.0097
SP-NFDC-700	6/18/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	0.002	<0.001	0.003	<0.001	<0.002	<0.005	<0.02
SP-NFDC-700	6/18/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	0.003	<0.001	0.003	<0.001	<0.002	<0.005	<0.02
SP-NFDC-700	8/7/2002	Dissolved	N	<0.001	<0.02	JH <0.0005	--	<0.02	0.004	<0.001	0.004	<0.001	<0.002	<0.005	e 0.03

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-NFDC-700	8/7/2002	Total	N	0.001	e 0.56	JH <0.0005	--	0.02	0.005	<0.001	e% 0.003	<0.001	<0.002	0.01	0.16
SP-NFDC-700	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.003	<0.001	0.003	<0.001	<0.002	<0.005	<0.01
SP-NFDC-700	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-NFDC-700	8/13/2003	Dissolved	N	<0.0003	B 0.00065	N <0.0001	0.0083	<0.0011	B 0.00024	--	--	<0.0001	B 0.00047	B 0.0028	0.0074
SP-NFDC-700	8/13/2003	Total	N	B 0.0008	0.0023	<0.0001	0.0146	<0.001	0.0018	<0.0002	0.0018	<0.0001	<0.0003	B 0.0028	0.0054
SP-UTNFDC-400	5/21/2002	Dissolved	N	<0.001	0.02	<0.0002	--	<0.02	0.003	<0.001	0.002	<0.001	<0.002	<0.005	0.07
SP-UTNFDC-400	5/21/2002	Total	N	0.002	0.07	<0.0002	--	<0.02	0.003	<0.001	0.003	<0.001	<0.002	0.021	0.12
SP-UTNFDC-400	5/20/2003	Dissolved	N	<0.002	e <0.01	<0.0001	<0.005	<0.01	e 0.003	<0.001	e 0.003	<0.001	<0.002	0.014	e 0.02
SP-UTNFDC-400	5/20/2003	Total	N	0.004	<0.01	0.0002	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	0.015	0.05
SP-UTNFDC-520	9/24/2002	Dissolved	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	0.08
SP-UTNFDC-520	9/24/2002	Total	N	<0.003	<0.005	<0.0002	--	<0.02	<0.001	<0.001	<0.001	<0.0005	<0.002	<0.05	<0.01
SP-UTNFDC-520	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SP-UTNFDC-520	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTNFDC-520	8/13/2003	Dissolved	N	<0.0003	<0.0003	N <0.0001	B 0.0054	<0.0011	<0.0002	--	--	<0.0001	<0.0003	B 0.00036	<0.0017
SP-UTNFDC-520	8/13/2003	Total	N	B 0.0008	0.0058	<0.0001	0.0124	<0.001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0003	B 0.00021	<0.0018
SP-UTNFDC-540	8/13/2003	Dissolved	N	W <0.0003	0.0078	N <0.0001	0.0139	0.0132	B 0.00082	--	--	<0.0001	<0.0003	0.0196	0.0994
SP-UTNFDC-540	8/13/2003	Total	N	<0.0003	0.0254	<0.0001	0.0206	B 0.0085	0.0036	B 0.00026	0.0033	<0.0001	<0.0003	0.0221	0.114
SP-UTNFDC-540	10/28/2003	Dissolved	N	<0.0004	B 0.00083	<0.0001	0.0144	B 0.0099	0.0054	--	--	<0.0001	B <0.0003	0.018	0.0615
SP-UTNFDC-540	10/28/2003	Total	N	B 0.00057	0.0076	<0.0001	0.015	B 0.0064	0.0054	<0.0002	0.0054	<0.0001	<0.0003	0.0206	0.0811
SP-UTNFDC-540	5/17/2004	Dissolved	N	<0.001	<0.001	<0.0002	--	0.0139	0.0105	--	--	--	--	--	0.0653
SP-UTNFDC-540	5/17/2004	Total	N	<0.001	0.0022	--	--	B 0.0036	0.0104	--	--	--	--	--	0.0695
SP-UTNFDC-600	8/6/2002	Dissolved	N	0.002	<0.02	JH <0.0005	--	<0.02	0.004	<0.001	0.003	<0.001	<0.002	<0.005	e 0.04
SP-UTNFDC-600	8/6/2002	Total	N	<0.001	e 0.03	JH <0.0005	--	<0.02	0.005	<0.001	e% 0.005	<0.001	<0.002	<0.005	0.05
SP-UTNFDC-600	5/20/2003	Dissolved	N	<0.002	e <0.01	<0.0001	<0.005	<0.01	e 0.005	<0.001	e 0.005	<0.001	<0.002	<0.005	e <0.01

TABLE A-3
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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-UTNFDC-600	5/20/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTNFDC-600	8/14/2003	Dissolved	N	We <0.0003	e 0.0055	<0.0001	0.0102	B 0.003	--	--	--	<0.0001	<0.0005	<0.0002	B 0.0026
SP-UTNFDC-600	8/14/2003	Total	N	qe% 0.00076	0.0218	<0.0001	q 0.0116	<0.001	--	--	--	N <0.0001	<0.0005	0.00038	q 0.0118
SP-UTNFDC-600	10/29/2003	Dissolved	N	<0.0004	0.0077	<0.0001	0.0213	0.0101	0.0122	--	--	<0.0001	<0.0003	0.0076	0.0251
SP-UTNFDC-600	10/29/2003	Total	N	<0.0004	e% 0.012	<0.0001	0.0219	B 0.0016	e <0.0002	--	--	<0.0001	<0.0003	e% 0.0075	e% 0.0273
SP-UTNFDC-600	5/18/2004	Dissolved	N	<0.001	0.0045	<0.0002	--	B 0.0068	0.0033	--	--	--	--	--	B 0.0038
SP-UTNFDC-600	5/18/2004	Total	N	<0.001	0.0147	<0.0002	--	<0.0013	0.0036	--	--	--	--	--	0.0122
SP-UTNFDC-600	8/25/2004	Dissolved	N	<0.0004	0.0113	<0.0001	--	0.0143	N 0.0014	--	--	--	--	--	Be 0.002
SP-UTNFDC-600	8/25/2004	Total	N	<0.0004	0.0477	<0.0001	--	B 0.0072	e 0.0035	--	--	--	--	--	0.0276
SOUTH FORK DEER CREEK															
SW-SFDC-200	5/18/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.01
SW-SFDC-200	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-SFDC-200	8/13/2003	Dissolved	N	e <0.0003	e 0.0159	<0.0001	0.0099	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.00074	<0.0018
SW-SFDC-200	8/13/2003	Dissolved	D	<0.0003	0.0152	<0.0001	0.0082	B 0.0016	<0.0002	--	--	<0.0001	<0.0005	B 0.00077	<0.0018
SW-SFDC-200	8/13/2003	Total	N	qe% 0.0005	0.0426	<0.0001	q 0.0095	<0.001	--	--	--	N <0.0001	<0.0005	0.00072	<0.0018
SW-SFDC-200	8/13/2003	Total	D	0.0013	0.0437	<0.0001	0.0094	<0.001	--	--	--	N <0.0001	<0.0005	0.0008	<0.0018
SW-SFDC-200	10/28/2003	Dissolved	N	<0.0004	0.0246	<0.0001	0.008	<0.0011	B 0.00028	--	--	<0.0001	W <0.0003	B 0.00047	<0.0017
SW-SFDC-200	10/28/2003	Total	N	<0.0004	0.073	<0.0001	0.0084	<0.0011	<0.0002	--	--	<0.0001	<0.0003	B 0.00076	<0.0017
SW-SFDC-300	5/22/2002	Dissolved	N	<0.001	<0.02	e <0.0002	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	0.11
SW-SFDC-300	5/22/2002	Total	N	<0.001	0.03	<0.0002	--	<0.02	0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.02
SW-SFDC-300	5/18/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-SFDC-300	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-SFDC-800	5/23/2002	Dissolved	N	<0.001	<0.02	e <0.0002	--	<0.02	0.002	<0.001	<0.001	<0.001	<0.002	<0.005	<0.02
SW-SFDC-800	5/23/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	0.002	<0.001	0.002	<0.001	<0.002	<0.005	<0.02

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-SFDC-800	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.001	<0.001	0.001	<0.001	<0.002	<0.005	<0.01
SW-SFDC-800	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-SFDC-800	5/17/2004	Dissolved	N	<0.001	<0.001	<0.0002	--	B 0.0056	0.002	--	--	--	--	--	0.0072
SW-SFDC-800	5/17/2004	Total	N	W <0.001	B 0.0012	<0.0002	--	<0.0013	0.002	--	--	--	--	--	0.0081
SW-SFSC-800	9/28/2004	Dissolved	N	W <0.0004	<0.001	<0.0002	--	B 0.0069	--	0.0017	--	--	--	--	B 0.00024
SW-SFSC-800	9/28/2004	Total	N	W <0.0004	0.003	<0.0002	--	<0.0013	0.0019	--	--	--	--	--	<0.0002
SW-UTSFDC-900	5/19/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-UTSFDC-900	5/19/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-UTSFDC-500	5/22/2002	Dissolved	N	<0.001	<0.02	e 0.0003	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	0.21
SP-UTSFDC-500	5/22/2002	Total	N	<0.001	<0.02	0.0004	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	0.03
SP-UTSFDC-600	10/29/2003	Dissolved	N	<0.0004	0.0061	<0.0001	0.0083	B 0.0014	<0.0002	--	--	<0.0001	<0.0003	<0.0002	0.0018
SP-UTSFDC-600	10/29/2003	Total	N	<0.0004	e% 0.006	<0.0001	0.0094	<0.001	e <0.0002	--	--	<0.0001	<0.0003	e% <0.0002	e% <0.0018
WELLS CANYON															
SW-WC-800	5/18/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-WC-800	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-WC-800	8/12/2003	Dissolved	N	e <0.0003	e 0.0035	<0.0001	0.0094	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.0024	<0.0018
SW-WC-800	8/12/2003	Dissolved	D	<0.0003	0.0037	<0.00025	0.0095	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.0025	B 0.0024
SW-WC-800	8/12/2003	Total	N	Be% 0.00042	0.0128	<0.0001	q 0.0107	<0.001	--	--	--	N <0.0001	<0.0005	B 0.003	B 0.0049
SW-WC-800	8/12/2003	Total	D	B 0.0012	0.0133	<0.0001	0.0109	<0.001	--	--	--	N <0.0001	<0.0005	B 0.0033	0.006
SW-WC-800	10/28/2003	Dissolved	N	<0.0004	B 0.0015	<0.0001	0.0082	<0.0011	B 0.00052	--	--	<0.0001	W <0.0003	B 0.0015	B 0.0048
SW-WC-800	10/28/2003	Total	N	<0.0004	0.0034	<0.0001	0.0091	<0.0011	B 0.00049	--	--	<0.0001	<0.0003	B 0.0021	B 0.0036
SW-WC-800	5/19/2004	Dissolved	N	<0.0007	B 0.0014	<0.0002	--	<0.0013	B 0.00086	--	--	--	--	--	B 0.0012
SW-WC-800	5/19/2004	Dissolved	D	<0.0007	<0.001	<0.0002	--	<0.0013	B 0.00078	--	--	--	--	--	B 0.00035
SW-WC-800	5/19/2004	Total	N	B 0.0012	0.0197	<0.0002	--	<0.0013	e%B 0.00082	--	--	--	--	--	0.0105

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-WC-800	5/19/2004	Total	D	B 0.00082	0.0199	<0.0002	--	<0.0013	B 0.00087	--	--	--	--	--	0.0104
SW-WC-800	8/24/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.011	BN 0.00049	--	--	--	--	--	B 0.00022
SW-WC-800	8/24/2004	Total	N	<0.0004	0.0107	<0.0001	--	<0.0013	Be 0.00062	--	--	--	--	--	0.0053
SP-UTWC-300	5/23/2002	Dissolved	N	<0.001	<0.02	e 0.0003	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	0.1
SP-UTWC-300	5/23/2002	Total	N	<0.001	<0.02	0.0004	--	<0.02	<0.001	--	--	<0.001	<0.002	<0.005	<0.02
SP-UTWC-300	5/18/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SP-UTWC-300	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-WC-400	5/20/2002	Dissolved	N	<0.001	<0.02	<0.0002	--	<0.02	0.004	<0.001	0.004	<0.001	<0.002	<0.005	0.07
SP-WC-400	5/20/2002	Total	N	<0.001	<0.02	<0.0002	--	<0.02	0.005	<0.001	0.004	<0.001	<0.002	<0.005	0.02
SP-WC-400	8/8/2002	Dissolved	N	<0.001	<0.02	JH <0.0005	--	<0.02	0.006	<0.001	0.004	<0.001	<0.002	<0.005	e 0.02
SP-WC-400	8/8/2002	Dissolved	D	0.001	<0.02	JH <0.0005	--	<0.02	0.006	<0.001	0.003	<0.001	<0.002	<0.005	0.06
SP-WC-400	8/8/2002	Total	N	<0.001	e 0.07	JH <0.0005	--	<0.02	0.006	<0.001	e% 0.006	<0.001	<0.002	<0.005	0.07
SP-WC-400	8/8/2002	Total	D	<0.001	0.04	JH <0.0005	--	<0.02	0.006	<0.001	0.004	<0.001	<0.002	<0.005	0.05
SP-WC-400	5/18/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	0.005	<0.001	0.005	<0.001	<0.002	<0.005	0.02
SP-WC-400	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-WC-400	8/13/2003	Dissolved	N	e <0.0003	e 0.0104	<0.0001	0.0107	B 0.0031	B 0.00062	--	--	<0.0001	<0.0005	B 0.0035	q 0.0055
SP-WC-400	8/13/2003	Total	N	qe% 0.0013	0.066	<0.0001	q 0.0124	0.0016	0.0039	0.00038	0.0035	N <0.0001	<0.0005	0.0065	q 0.0473
SP-WC-400	10/28/2003	Dissolved	N	<0.0004	0.0078	<0.0001	0.0109	B 0.0018	0.0039	--	--	<0.0001	W <0.0003	B 0.0027	0.0141
SP-WC-400	10/28/2003	Dissolved	D	<0.0004	0.0066	<0.0001	0.0109	B 0.0018	0.0038	--	--	<0.0001	<0.0003	B 0.0027	0.0117
SP-WC-400	10/28/2003	Total	N	B 0.00069	0.057	<0.0001	0.0118	B 0.0013	0.0043	B 0.00029	0.004	<0.0001	<0.0003	0.0055	0.0464
SP-WC-400	10/28/2003	Total	D	--	--	--	--	--	0.0043	--	--	--	--	--	--
SP-WC-400	5/17/2004	Dissolved	N	W <0.001	0.0037	<0.0002	--	B 0.0063	0.0041	--	--	--	--	--	0.0125
SP-WC-400	5/17/2004	Total	N	W <0.001	0.011	<0.0002	--	<0.0013	0.0041	--	--	--	--	--	0.0187
SP-WC-400	8/25/2004	Dissolved	N	B 0.00048	0.037	<0.0001	--	0.0183	N 0.0039	--	--	--	--	--	Be 0.0047

TABLE A-3
SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SP-WC-400	8/25/2004	Total	N	B 0.0025	0.199	B 0.0001	--	0.0323	e 0.0059	--	--	--	--	--	0.191
SP-WC-750	6/5/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-WC-750	6/5/2003	Total	N	<0.002	<0.01	<0.0002	<0.005	<0.01	--	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SP-WC-750	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-WC-750	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SP-WC-750	8/14/2003	Dissolved	N	We <0.0003	B 0.0014	<0.0001	0.0086	B 0.0012	<0.0002	--	--	<0.0001	<0.0005	B 0.0017	<0.0018
SP-WC-750	8/14/2003	Total	N	e% <0.0003	0.00084	<0.0001	q 0.0096	<0.001	0.00051	<0.0002	0.00051	N <0.0001	<0.0005	0.0016	<0.0018
DIAMOND CREEK															
SW-DMC-200	5/18/2003	Dissolved	N	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-DMC-200	5/18/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-DMC-200	8/14/2003	Dissolved	N	Be 0.00039	e 0.0036	<0.0001	0.0082	B 0.0013	<0.0002	--	--	W <0.0001	<0.0005	B 0.00033	<0.0018
SW-DMC-200	8/14/2003	Dissolved	D	B 0.0007	0.0045	<0.0001	B 0.0076	B 0.0016	<0.0002	--	--	W <0.0001	<0.0005	B 0.00032	<0.0018
SW-DMC-200	8/14/2003	Total	N	qe% 0.00083	0.0071	<0.0001	q 0.0094	<0.001	--	--	--	N <0.0001	<0.0005	0.00038	<0.0018
SW-DMC-200	8/14/2003	Total	D	0.0012	0.0068	<0.0001	0.0092	<0.001	--	--	--	N <0.0001	<0.0005	0.00028	<0.0018
STEWART CANYON															
SW-ST-500	8/15/2003	Dissolved	N	W <0.0003	0.0035	<0.0001	0.0106	<0.001	B 0.00066	--	--	<0.0001	<0.0005	B 0.0019	B 0.0036
SW-ST-500	8/15/2003	Total	N	BW 0.00044	0.0152	<0.0001	0.0082	<0.001	N 0.0012	--	--	<0.0001	B 0.00088	B 0.0021	0.0145
SW-ST-500	5/18/2004	Dissolved	N	<0.001	B 0.0013	<0.0002	--	B 0.0069	0.0028	--	--	--	--	--	B 0.0042
SW-ST-500	5/18/2004	Total	N	W <0.001	0.0081	<0.0002	--	<0.0013	0.0076	--	--	--	--	--	0.0163
SW-ST-500	8/26/2004	Dissolved	N	<0.0004	0.002	<0.0001	--	0.0152	N 0.0024	--	--	--	--	--	Be 0.0039
SW-ST-500	8/26/2004	Total	N	<0.0004	0.017	<0.0001	--	B 0.0036	e 0.003	--	--	--	--	--	0.0268
SW-ST-700	8/26/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.0129	BN 0.00059	--	--	--	--	--	e <0.0002
SW-ST-700	8/26/2004	Dissolved	D	<0.0004	<0.001	<0.0001	--	0.013	BN 0.00072	--	--	--	--	--	<0.0002
SW-ST-700	8/26/2004	Total	N	<0.0004	B 0.0012	<0.0001	--	<0.0013	Be 0.00088	--	--	--	--	--	<0.0002

TABLE A-3
SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-ST-700	8/26/2004	Total	D	<0.0004	B 0.001	<0.0001	--	<0.0013	B 0.00047	--	--	--	--	--	B 0.00025
SP-ST-100	8/15/2003	Dissolved	N	W <0.0003	B 0.0012	<0.0001	0.0119	<0.001	<0.0002	--	--	<0.0001	<0.0005	B 0.0025	<0.0018
SP-ST-100	8/15/2003	Total	N	W <0.0003	B 0.0012	<0.0001	0.0089	<0.001	BN 0.00061	<0.0002	B 0.00061	<0.0001	<0.0003	B 0.0025	<0.0018
SP-ST-100	5/18/2004	Dissolved	N	W <0.001	<0.001	<0.0002	--	B 0.0043	0.0028	--	--	--	--	--	B 0.00093
SP-ST-100	5/18/2004	Total	N	W <0.001	<0.001	<0.0002	--	<0.0013	0.0017	--	--	--	--	--	B 0.0016
SP-ST-100	8/26/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.0136	N 0.0011	--	--	--	--	--	Be 0.00082
SP-ST-100	8/26/2004	Total	N	<0.0004	<0.001	<0.0001	--	<0.0013	Be 0.00092	--	--	--	--	--	B 0.00064
SP-ST-200	8/15/2003	Dissolved	N	W <0.0003	B 0.0013	<0.0001	0.0108	<0.001	B 0.00023	--	--	<0.0001	<0.0005	0.0021	<0.0018
SP-ST-200	8/15/2003	Total	N	<0.0003	B 0.0013	<0.0001	B 0.008	<0.001	BN 0.00064	<0.0002	B 0.00064	<0.0001	B 0.00088	B 0.0019	<0.0018
SP-ST-200	5/18/2004	Dissolved	N	<0.001	<0.001	<0.0002	--	B 0.0051	0.0022	--	--	--	--	--	B 0.00064
SP-ST-200	5/18/2004	Total	N	W <0.001	B 0.0016	<0.0002	--	<0.0013	0.0024	--	--	--	--	--	B 0.0013
SP-ST-200	8/26/2004	Dissolved	N	<0.0004	<0.001	<0.0001	--	0.0128	N 0.001	--	--	--	--	--	Be 0.00024
SP-ST-200	8/26/2004	Total	N	<0.0004	<0.001	<0.0001	--	<0.0013	e 0.0016	--	--	--	--	--	B 0.00028
LAMB CANYON															
SW-LC-500	8/15/2003	Dissolved	N	W <0.0003	B 0.0018	<0.0001	0.0105	<0.001	B 0.00061	--	--	<0.0001	<0.0005	B 0.0019	B 0.0026
SW-LC-500	8/15/2003	Total	N	W <0.0003	0.0201	<0.0001	0.0082	<0.001	BN 0.00038	--	--	<0.0001	<0.0003	B 0.0022	0.0134
CLEAR CREEK															
SW-CL-800	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-CL-800	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
WHITE DUGWAY CREEK															
SW-WD-800	7/29/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--
SW-WD-800	7/29/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
WARM CREEK															
SW-WM-800	7/30/2003	Dissolved	N	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-3
SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
PANELS F AND G
BASELINE STUDY

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h
SW-WM-800	7/30/2003	Total	N	--	--	--	--	--	--	--	--	--	--	--	--
PRESERVATIVE BLANK															
SW-OC-200	5/20/2003	Dissolved	B	<0.002	<0.01	<0.0001	<0.005	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.005	<0.01
SW-OC-200	5/20/2003	Total	B	--	--	--	--	--	--	--	--	--	--	--	--
SW-OC-200	8/14/2003	Dissolved	B	B 0.00093	<0.0007	<0.0001	<0.0005	B 0.003	<0.0002	--	--	W <0.0001	<0.0005	<0.0002	0.0118
SW-OC-200	8/14/2003	Total	B	0.001	<0.0007	<0.0001	0.00056	<0.001	--	--	--	N <0.0001	<0.0005	<0.0002	0.0106
SW-OC-200	10/30/2003	Dissolved	B	--	--	--	--	--	--	--	--	--	--	--	--
SW-OC-200	10/30/2003	Total	B	B 0.0012	B 0.0013	<0.0001	B 0.00071	<0.001	B 0.00028	--	--	<0.0001	<0.0003	<0.0002	0.0125
SW-OC-200	5/19/2004	Dissolved	B	<0.0007	<0.001	<0.0002	--	<0.0013	<0.0003	--	--	--	--	--	<0.0002
SW-OC-200	5/19/2004	Total	B	<0.0007	<0.001	<0.0002	--	<0.0013	e%< 0.0003	--	--	--	--	--	B 0.0022

TABLE A-3
SUMMARY OF SURFACE WATER
ANALYSIS FOR METALS
PANELS F AND G
BASELINE STUDY

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Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.0025h	NE	1.2e-5	NE	0.16h	0.005	NE	NE	0.0034h	0.0063	NE	0.105h

Notes:

- | | | | |
|--------|---|----|---|
| | Not detected above quantitation limit but present above method detection limit (SVL). | H | Sample analyzed out of holding time. |
| D | Field duplicate sample | e | Field duplicate results exceed acceptable limits - PQL based determination. |
| J | Estimated value (Northern Analytical). | e% | Field duplicate results exceed acceptable limits - relative percent difference determination. |
| N | Located in the QC column indicates natural sample. | q | Associated values are estimates - field blank showed evidence of contamination. |
| N | Located in analyte column indicates percent recovery not within control limits 75-125% (SVL). | ** | The surface water standards value is the lowest concentration for cold water biota for Criteria Maximum Concentration (CMC), Criteria Continuous Concentration (CCC), or human consumption of organisms. Standards from IDAPA 58.01.02.210 + 250. For Idaho, water quality standards are based on the dissolved fraction for metals in surface water (except total fraction for selenium and mercury as CCC). Standard values followed by an "h" indicate the aquatic life criteria are expressed as a function of total hardness and water effect ratio (WER). Hardness dependent standards are calculated for each watershed based on the average observed hardness. Standards shown are based on a hardness of 100 mg/L. |
| NE | Not Established | | |
| M | Duplicate precision goal not met (SVL). | | |
| W | Post-digestion spike recovery out of control limits 85-115% (SVL). | | |
| < | Indicates analyte not detected above laboratory practical quantification limit (PQL). | | |
| (mg/L) | Milligrams per liter | | |
| * | Duplicate analysis not within control limits (SVL). | | |
| (1) | Verified by a second analysis (Northern Analytical). | | |
| -- | Field data or laboratory samples were not collected or analyzed. | | |
| | | | Shading indicates results above Idaho DEQ Standards, regardless of physical state (Total or Dissolved). |
| | | + | Chromium standard of 0.01 mg/l is for Chromium VI; the chromium III standard is 0.18 mg/l for CCC and is hardness dependent. |

SUMMARY OF SEDIMENT DATA

**TABLE I-1
SUMMARY OF SEDIMENT DATA
ANALYSIS FOR TOTAL METALS
PANELS F AND G
BASELINE STUDY**

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		Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium All	Selenium IV	Selenium VI	Silver	Thallium	Vanadium	Zinc	
Site	Date	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
DEER CREEK																							
SW-DC-400	N	8/13/2003	11000	N <0.44	4.4	107	0.61	13.1	4.7	51.7	17	16000	8.4	1020	B 0.02	51.1	N 0.79	0.55	0.24	0.65	<0.39	48	278
SW-DC-500	N	8/12/2003	12800	N 0.57	5.4	106	0.7	18.9	6	78.6	19.9	17700	10.3	1090	B 0.02	45.3	N 1.3	0.8	0.54	0.59	<0.39	61.6	246
NORTH FORK DEER CREEK																							
SW-NFDC-500	N	8/13/2003	15000	N 0.64	7.1	250	0.78	11.9	2.4	31.8	21.5	27700	15.5	5020	B 0.02	47.5	N 0.5	0.25	0.25	0.66	<0.39	39.6	187
SW-NFDC-900	N	8/13/2003	14300	N 0.51	5.4	138	0.84	22.2	6.7	102	24	21400	10	1850	B 0.03	63.5	N 1.1	0.81	0.3	B 0.49	<0.39	90.2	313
SOUTH FORK DEER CREEK																							
SW-SFDC-800	N	8/13/2003	11300	N <0.44	5.2	149	0.6	8.1	8.6	37.7	13.3	15300	10.6	1730	B 0.02	52.6	N 0.76	0.43	0.33	B 0.49	<0.39	40.3	386

Notes:

- < Indicates analyte not detected above laboratory practical quantification limit (PQL).
- (mg/L) Milligrams per kilogram
- N Located in Site column indicates natural sample.
- N Located in analyte column indicates percent recovery not within control limits 75-125% (SVL).
- D Field duplicate sample.
- B Not detected above quantification limit but present above method detection limit (SVL).

SUMMARY OF WATER RIGHTS POINTS OF DIVERSION

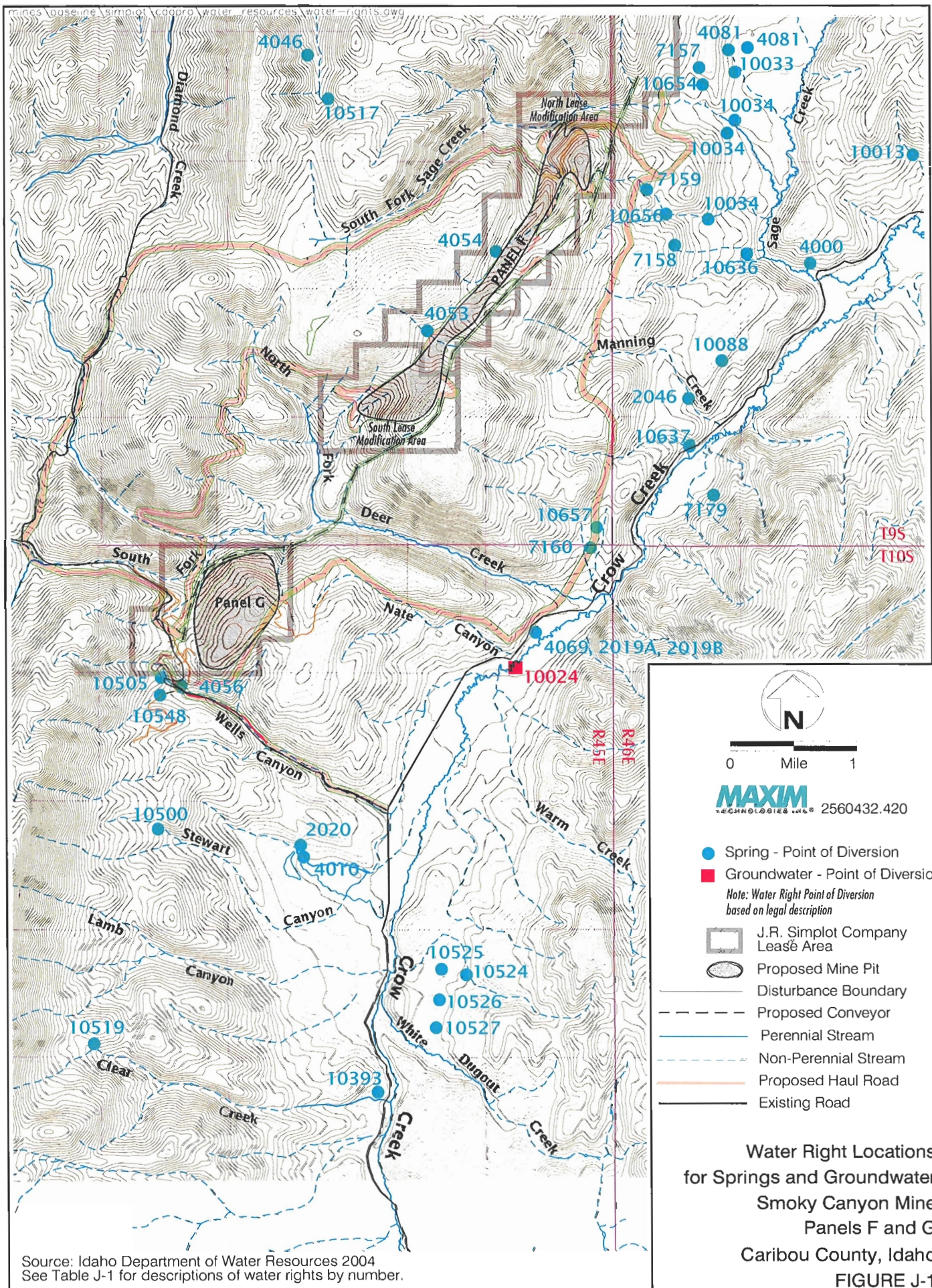


Table J-1
Summary of Water Rights Points Of Diversion
Panels F and G Project
Baseline Study

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Township, Range, Sec., Qtr.	Water Right No.	Source	Diversion Rate (cfs)	Use	Owner
10S 45E 1 SESWSW	10024	Groundwater	0.04	Domestic	Riede
10S 45E 23 NWNW	10068	Crow Creek	0.02	Stock	USFS
10S 45E 5 NWSW	10081	Deer Creek South Frk	0.02	Stock	USFS
10S 45E 6 SWNE	10081	Deer Creek South Frk	0.02	Stock	USFS
10S 45E 26 SWNW	10393	Spring	0.02	Administrative	USFS
10S 45E 16 SWNW	10500	Spring	0.02	Stock	USFS
10S 45E 12 SWNE	10504	Books Creek	0.02	Stock	USFS
10S 45E 7 NESW	10504	Books Creek	0.02	Stock	USFS
10S 45E 9 NENW	10505	Spring	0.02	Stock	USFS
10S 45E 16 SESW	10516	Unnamed Stream	0.02	Stock	USFS
10S 45E 22 SWNW	10516	Unnamed Stream	0.02	Stock	USFS
10S 45E 20 SESE	10519	Spring	0.02	Stock	USFS
10S 45E 23 NENE	10522	Unnamed Stream	0.02	Stock	USFS
10S 45E 23 SENE	10523	Unnamed Stream	0.02	Stock	USFS
10S 45E 23 NENW	10523	Unnamed Stream	0.02	Stock	USFS
10S 45E 23 SENE	10524	Spring	0.02	Stock	USFS
10S 45E 23 SWNE	10525	Spring	0.02	Stock	USFS
10S 45E 23 NWSE	10526	Spring	0.02	Stock	USFS
10S 45E 23 NWSE	10527	Spring	0.02	Stock	USFS
10S 45E 23 NWSW	10529	White Dugway Creek	0.02	Stock	USFS
10S 45E 30 NWSE	10529	White Dugway Creek	0.02	Stock	USFS
10S 45E 9 NWNE	10548	Spring	0.02	Stock	USFS
10S 45E 12 NWSE	2019A	Books Spring	1.46	Domestic-irrigation	Books
10S 45E 12 SWSW	2019A	Warm Creek	0.94	Domestic-irrigation	Books
10S 45E 12 SWSW	2019B	Warm Creek	0.94	Domestic-irrigation	Books
10S 45E 12 NWSE	2019B	Books Spring	1.46	Domestic-irrigation	Books
10S 45E 15 SWNE	2020	Alleman Spring	1.5	Domestic-irrigation	Alleman
10S 45E 26 SWNW	2020	Crow Creek	1.5	Domestic-irrigation	Alleman
10S 45E 26 SENW	4007	Crow Creek	3	Irrigation-stock	Stewart
10S 45E 22 SENW	4008	Unnamed Stream	2	Irrigation-stock	Stewart
10S 45E 15 SESW	4009	Unnamed Stream	2	Irrigation-stock	Stewart
10S 45E 15 SWNE	4010	Alleman Spring	3	Irrigation-stock	Stewart
10S 45E 11 SWSE	4041	Crow Creek	1.6	Irrigation	Alleman
10S 45E 23 NENE	4042	Unnamed Stream	1.12	irrigation-stock	Alleman
10S 45E 3 NENE	4049	Nate Canyon	0.02	Stock	USFS
10S 45E 9 NWNE	4056	Spring	0.02	Stock	USFS
10S 45E 1 NESW	4062	Books Creek	2.8	Irrigation-stock	Nate
10S 45E 11 NENE	4063	Waste Water	1.14	Irrigation-stock	Nate
10S 45E 11 SWSE	4064	Crow Creek	2.8	Irrigation	Nate
10S 45E 12 SWNW	4064	Warm Creek	2.8	Irrigation	Nate
10S 45E 12 NWNW	4064	Books Creek	2.8	Irrigation	Nate
10S 45E 14 NENW	4067	--	3	Irrigation-stock	Nate
10S 45E 14 NWSW	4067	--	3	Irrigation-stock	Nate
10S 45E 11 NWSE	4068	Crow Creek	5	Irrigation-stock	Nate

Table J-1
Summary of Water Rights Points Of Diversion
Panels F and G Project
Baseline Study

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Township, Range, Sec., Qtr.	Water Right No.	Source	Diversion Rate (cfs)	Use	Owner
10S 45E 11 SWSE	4068	Crow Creek	5	Irrigation-stock	Nate
10S 45E 1 NESW	4069	Books Spring	1	Irrigation-stock	Nate
10S 45E 1 SWSW	7176	Crow Creek	0.03	Irrigation	Riede
10S 46E 15 SESE	10071	Rock Creek	0.02	Stock	USFS
9S 45E 15 SWNE	10076	Sage Creek	0.02	Stock	USFS
9S 45E 7 NENW	10076	Sage Creek	0.02	Stock	USFS
9S 45E 34 SWSW	10081	Deer Creek South Frk	0.02	Stock	USFS
9S 45E 20 SWNW	10082	Deer Creek	0.02	Stock	USFS
9S 45E 29 NESE	10082	Deer Creek	0.02	Stock	USFS
9S 45E 15 NESE	10517	Hill Spring	0.02	Stock	USFS
9S 45E 36 SESE	10657	Spring	0.02	Stock	USFS
9S 45E 16 SWNE	11482	Diamond Creek	0.02	Stock	USFS
9S 45E 31 SWNW	11482	Diamond Creek	0.02	Stock	USFS
9S 45E 16 SWNE	11490	Diamond Creek	0.02	Stock	USFS
9S 45E 20 NWNE	11490	Deer Creek	0.02	Stock	USFS
9S 45E 15 NWNE	4046	Spring	0.02	Stock	USFS
9S 45E 26 SWNE	4053	Little Basin Spring	0.02	Stock	USFS
9S 45E 24 SWNE	4054	Panther Spring	0.02	Stock	USFS
9S 45E 25 NESE	4055	Manning Creek	0.02	Stock	USFS
9S 45E 36 SESE	7160	Spring	0.02	Stock	USFS
9S 46E 21 NESENW	10013	Spring	0.06	Domestic-stock	Box Ranch
9S 46E 18 SENENE	10033	Spring	0.02	Domestic	Hoopes
9S 46E 18 SENENE	10034	Spring	0.02	Stock	Hoopes
9S 46E 18 SENENE	10034	Spring	0.02	Stock	Hoopes
9S 46E 19 SWSENE	10034	Spring	0.02	Stock	Hoopes
9S 46E 28 NWSE	10071	Rock Creek	0.02	Stock	USFS
9S 46E 31 SWNE	10073	Crow Creek	0.02	Stock	USFS
9S 46E 18 NESE	10086	Sage Creek	0.02	Stock	USFS
9S 46E 18 NWSE	10086	Sage Creek	0.02	Stock	USFS
9S 46E 30 NESE	10088	Sage Spring	0.02	Stock	USFS
9S 46E 30 SESW	10515	Unnamed Stream	0.02	Stock	USFS
9S 46E 19 SESE	10636	Spring	0.02	Stock	USFS
9S 46E 31 NENW	10637	Spring	0.02	Stock	USFS
9S 46E 19 SWSW	10638	Unnamed Stream	0.02	Stock	USFS
9S 46E 18 NWNE	10654	Spring	0.02	Stock	USFS
9S 46E 19 SESE	10655	Unnamed Stream	0.02	Stock	USFS
9S 46E 19 SENW	10656	Spring	0.02	Stock	USFS
9S 46E 19 NWSE	11750	Unnamed Stream	0.02	Stock	USFS
9S 46E 30 SWSE	2046	Spring	0.02	Domestic-stock	Tolman-Farrell
9S 46E 20 NWSE	4000	Fox Spring	0.02	Domestic	Kennington
9S 46E 28 NENW	4016	Rock Creek	5	Irrigation-recreation	Hartman Ranch
9S 46E 20 SESW	4017	Sage Creek	1.4	Irrigation	Box Ranch
9S 46E 29 SWNE	4018	Crow Creek	0.9	Irrigation	Kennington
9S 46E 20 NESW	4019	Sage Creek	1.2	Irrigation	Kennington

Table J-1
Summary of Water Rights Points Of Diversion
Panels F and G Project
Baseline Study

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Township, Range, Sec., Qtr.	Water Right No.	Source	Diversion Rate (cfs)	Use	Owner
9S 46E 20 NESW	4020	Sage Creek	1.6	Irrigation	Kennington
9S 46E 29 SWNE	4021	Crow Creek	1.5	Irrigation	Kennington
9S 46E 29 SWNE	4022	Crow Creek	1.1	Irrigation	Kennington
9S 46E 17 NWNW	4081	Spring	5.06	Irrigation-stock	Petersen
9S 46E 18 NENE	4081	Spring	5.06	Irrigation-stock	Petersen
9S 46E 19 SESE	7137	Unnamed Stream	0.02	Stock	USFS
9S 46E 31 NENW	7138	Unnamed Stream	0.02	Stock	USFS
9S 46E 19 SWSW	7139	Unnamed Stream	0.02	Stock	USFS
9S 46E 18 NWNE	7157	Spring	0.02	Stock	USFS
9S 46E 19 NWSE	7158	Spring	0.02	Stock	USFS
9S 46E 19 NENW	7159	Spring	0.02	Stock	USFS
9S 46E 32 SENE	7166	Unnamed Stream	0.02	Stock	USFS
9S 46E 31 NENWSE	7178	Many Spring Creek	5	Fish	Whitney
9S 46E 31 NWNESE	7179	Spring	0.04	Domestic	Whitney

Notes: Sec. Section
 Qtr. Quarter section
 cfs Cubic feet per second
Source: Idaho Department of Water Resources, 2003.

SUMMARY OF GROUNDWATER DATA

TABLE B-1
SUMMARY OF GROUNDWATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
PANELS F AND G
BASELINE STUDY

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Site	Sample Date	Depth to Water*** (ft)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Lab Turbidity (NTU)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)
IDAHO DEQ Standards**			NE	6.5 - 8.5	6.5 - 8.5s	NE	NE	NE	NE	NE	500s	NE
PANEL F (MANNING CREEK LEASE AREA)												
MC-MW-1	10/19/2003	145.1	--	--	--	--	--	--	--	--	--	--
MC-MW-1	10/30/2003	148.11	6.3	7.85	8.01	239	365	102.5	7.04	H 101	236	60
MC-MW-1	5/19/2004	145.94	--	--	8.09	--	330	--	--	0.742	192	<5
MC-MW-1	6/24/2004	145.79	7.49	7.46	8.02	327	344	116	9.54	H 0.137	228	<5
MC-MW-1	8/25/2004	--	--	--	--	--	--	--	--	--	--	--
MC-MW-2	10/14/2003	57.49	5	7.3	7.31	75	76	8	9	H 985	139	1350
MC-MW-2	10/29/2003	59.99	--	--	--	--	--	--	--	--	--	--
MC-MW-2	5/18/2004	42.24	--	--	--	--	--	--	--	--	--	--
MC-MW-2	6/30/2004	43.77	6.47	6.06	7.02	60	67	73	8.95	eH10.81	65.349	e<5
MC-MW-2	8/25/2004	49.25	--	--	--	--	--	--	--	--	--	--
MC-MW-3	10/14/2003	Dry	--	--	--	--	--	--	--	--	--	--
MC-MW-3	10/29/2003	Dry	--	--	--	--	--	--	--	--	--	--
MC-MW-3	5/18/2004	23.7	--	--	--	--	--	--	--	--	--	--
MC-MW-3	8/25/2004	Dry	--	--	--	--	--	--	--	--	--	--
MC-MW-4	10/14/2003	44.56	12	7.7	7.83	439	409	-31	8.5	H 1080	231	155
MC-MW-4	10/29/2003	45.54	--	--	--	--	--	--	--	--	--	--
MC-MW-4	5/18/2004	29.42	--	--	--	--	--	--	--	--	--	--
MC-MW-4	6/24/2004	31.78	8.1	7.42	7.93	460	494	-91.8	*0.29	H 3.48	260	<5
MC-MW-4	8/25/2004	36.8	--	--	--	--	--	--	--	--	--	--
MC-MW-5	10/14/2003	85.84	3	7.2	7.38	173	191	15	3.9	H 52.8	118	40
MC-MW-5	10/29/2003	88.44	--	--	--	--	--	--	--	--	--	--
MC-MW-5	5/18/2004	54.66	--	--	--	--	--	--	--	--	--	--
MC-MW-5	6/24/2004	47.91	9.46	5.43	6.96	163	73	152	8.89	H 6	37	<5
MC-MW-5	8/25/2004	74.9	--	--	--	--	--	--	--	--	--	--
MC-MW-5	10/5/2004	--	--	--	7.27	--	240	--	--	--	151	5
PANEL G (DEER CREEK LEASE AREA)												
DC-MW-1	10/9/2003	6.84	12	6.2	7.16	259	199	54	3.6	H 6456	H 168	H 4760
DC-MW-1	10/29/2003	7.49	--	--	--	--	--	--	--	--	--	--
DC-MW-1	5/19/2004	1.74	--	--	--	--	--	--	--	--	--	--
DC-MW-1	6/23/2004	3.34	6.4	5.79	7.31	167	137	183.2	3.55	H 654	100	1066
DC-MW-1	8/25/2004	6.2	--	--	--	--	--	--	--	--	--	--

TABLE B-1
SUMMARY OF GROUNDWATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
PANELS F AND G
BASELINE STUDY

Page 2 of 3

Site	Sample Date	Depth to Water*** (ft)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Lab Turbidity (NTU)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)
IDAHO DEQ Standards**			NE	6.5 - 8.5	6.5 - 8.5s	NE	NE	NE	NE	NE	500s	NE
DC-MW-2	10/12/2003	63.14	6	7.6	7.83	485	498	8	4.7	H 494	417	633
DC-MW-2	10/29/2003	62.63	--	--	--	--	--	--	--	--	--	--
DC-MW-2	5/19/2004	57.74	--	--	--	--	--	--	--	--	--	--
DC-MW-2	6/30/2004	57.25	7.56	8.1	8.21	420	467	18.5	*0.41	eH3.88	236	e51
DC-MW-2	8/25/2004	60.91	--	--	--	--	--	--	--	--	--	--
DC-MW-3	10/11/2003	94.74	6	8.5	8.18	480	495	38	1.8	H 9.56	253	27
DC-MW-3	10/29/2003	94.92	--	--	--	--	--	--	--	--	--	--
DC-MW-3	5/19/2004	95.83	--	--	--	--	--	--	--	--	--	--
DC-MW-3	6/30/2004	93.45	6.4	10.19	10.24	388	390	-67.3	1.69	eH8.42	181	e86
DC-MW-3	8/25/2004	94.4	--	--	--	--	--	--	--	--	--	--
DC-MW-4	10/12/2003	103.96	8	7.9	7.96	313	322	4	3	H 86.1	168	106
DC-MW-4	10/29/2003	104.99	--	--	--	--	--	--	--	--	--	--
DC-MW-4	5/19/2004	105.9	--	--	--	--	--	--	--	--	--	--
DC-MW-4	6/30/2004	105.5	6.91	8.36	8.3	291	299	-84	*0.5	eH0.942	158	e10
DC-MW-4	8/25/2004	104.45	--	--	--	--	--	--	--	--	--	--
DC-MW-5	10/10/2003	302.95	8	7.3	7.97	397	400	-100	7.2	H 9.81	248	<5
DC-MW-5	10/29/2003	>300	--	--	--	--	--	--	--	--	--	--
DC-MW-5	5/19/2004	300.8	--	--	--	--	--	--	--	--	--	--
DC-MW-5	6/25/2004	295.1	5.76	7.4	7.94	386	413	59.6	3.46	H 4.47	218	<5
DC-MW-5	8/25/2004	297.45	--	--	--	--	--	--	--	--	--	--
DC-MW-5	10/15/2004	--	--	--	7.86	--	406	--	--	--	355	5
DC-MW-6	10/9/2003	2.96	10	7.3	7.5	427	453	360	3.7	H 2050	H 284	H 2256
DC-MW-6	10/29/2003	4.25	--	--	--	--	--	--	--	--	--	--
DC-MW-6	5/19/2004	3.99	--	--	--	--	--	--	--	--	--	--
DC-MW-6	6/23/2004	3.23	10.59	6.84	7.56	326	328	101	9.1	H 162.5	232	243
DC-MW-6	8/25/2004	5.55	--	--	--	--	--	--	--	--	--	--

TABLE B-1
SUMMARY OF GROUNDWATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
PANELS F AND G
BASELINE STUDY

Page 3 of 3

Site	Sample Date	Depth to Water*** (ft)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Lab Turbidity (NTU)	Total Dis- solved Solids (mg/L)	Total Sus- pended Solids (mg/L)
IDAHO DEQ Standards**			NE	6.5 - 8.5	6.5 - 8.5s	NE	NE	NE	NE	NE	500s	NE

Notes:

*** Depth to water below measuring point.
ft Feet
(mg/L) Milligrams per liter
C Degrees centigrade
(umhos/cm) Micromhos per centimeter
ORP Oxygen reduction potential
(mV) Millivolts
DO Dissolved oxygen
(NTU) Nephelometric Turbidity Unit
< Indicates analyte not detected above laboratory practical quantification limit (PQL).

-- Field data or laboratory samples were not collected or analyzed.
e Field duplicate results exceed acceptable limits - PQL based determination.
H Sample analyzed out of holding time.
NE Not Established
* Dissolved oxygen measurement may have been affected by nitrogen used to power bladder pump.
** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.
 Shading indicates results above Idaho DEQ Standards.
Well MC-MW-3 and MC-MW-4 formerly known as MC-MW-11 and MC-MW-6, respectively.

TABLE B-2
SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR MAJOR ION AND NUTRIENTS
PANLES F AND G
BASELINE STUDY

Page 1 of 2

Site			Sample Date	Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**				NE	NE	NE	NE	NE	250s	4.0	NE	NE	10	NE	NE	NE	NE	250s
PANEL F (MANNING CREEK LEASE AREA)																		
MC-MW-1	N	10/30/2003		184	< 1	184	0.02	49.6	1.06	< 0.1	190	15.9	< 0.02	H 0.05	0.26	2.38	2.97	8.47
MC-MW-1	N	5/19/2004		189	< 1	189	--	46.7	0.65	0.11	172	13.4	--	--	--	0.536	3.03	8.11
MC-MW-1	N	6/24/2004		192	< 1	192	--	49.6	0.94	0.12	186	15.2	--	--	--	0.603	3.15	7.81
MC-MW-2	N	10/14/2003		35.6	< 1	35.6	0.02	27.9	0.87	0.12	--	6.68	0.57	H 0.43	5.609	11.5	1.95	2.55
MC-MW-2	N	6/30/2004		28.9	e< 1	28.9	--	9.33	0.92	0.16	29.4	1.48	--	--	--	0.452	1.29	1.99
MC-MW-4	N	10/14/2003		206	< 1	206	0.11	59.2	2.12	0.16	242	22.9	0.31	H <0.01	0.775	4.95	5.99	25.9
MC-MW-4	N	6/24/2004		273	< 1	273	--	63.6	1.41	0.15	264	25.6	--	--	--	2.35	4.17	22.3
MC-MW-5	N	10/14/2003		80.5	< 1	80.5	< 0.01	44.4	0.69	0.2	137	6.43	0.22	H 0.417	2.815	2.66	2.09	16.8
MC-MW-5	N	6/24/2004		< 30	< 1	30	--	10.1	0.56	0.2	31.6	1.53	--	--	--	0.404	1.45	4.46
MC-MW-5	N	10/5/2004		--	--	--	--	--	0.56	0.2	--	--	--	--	--	--	--	68
PANEL G (DEER CREEK LEASE AREA)																		
DC-MW-1	N	10/9/2003		60.1	< 1	60.1	0.22	49.3	1.34	0.18	204	19.8	25.16	H 0.033	41.546	13.2	3.07	6.84
DC-MW-1	N	6/23/2004		64.3	< 1	64.3	--	26.4	1.09	0.14	113	11.3	--	--	--	6.79	2.6	7.56
DC-MW-2	N	10/12/2003		242	< 1	242	0.02	139	1.95	0.42	460	27.4	0.16	H 0.068	14.171	10.3	5.91	26.6
DC-MW-2	N	6/30/2004		248	e< 1	248	--	89.3	1.87	0.60	299	18.5	--	--	--	2.63	7.63	29.3
DC-MW-3	N	10/11/2003		208	< 1	208	0.11	49.8	2.38	0.24	239	27.9	< 0.02	H <0.01	0.02	3.2	18.3	53.9
DC-MW-3	N	6/30/2004		42	e 1.4	186	--	30	1.81	0.22	153	18.9	--	--	--	7.48	56.8	22.2
DC-MW-3	D	6/30/2004		42.5	146	188	--	32.6	1.86	0.22	163	19.9	--	--	--	7.66	58.8	22.3
DC-MW-4	N	10/12/2003		163	< 1	163	0.02	68.2	2.91	0.11	202	7.74	< 0.02	H <0.01	1.229	1.53	3.49	7.5
DC-MW-4	D	10/12/2003		165	< 1	165	0.02	68.8	2.94	0.11	205	7.95	< 0.02	<0.01	1.25	1.53	3.53	7.54
DC-MW-4	N	6/30/2004		156	e 1.9	158	--	50.6	2.81	0.14	157	7.47	--	--	--	11	6	6.13
DC-MW-5	N	10/10/2003		208	< 1	208	< 0.01	60.4	1.72	0.34	220	16.9	0.15	H <0.01	0.022	B 0.68	2.85	14.2
DC-MW-5	N	6/25/2004		227	< 1	227	--	62.7	1.54	0.42	228	17.5	--	--	--	0.559	2.75	12.5
DC-MW-5	N	10/15/2004		--	--	--	--	--	1.63	0.4	--	--	--	--	--	--	--	12.2
DC-MW-6	N	10/9/2003		164	< 1	164	0.11	157	1.6	0.24	599	50.5	0.5	H 0.067	41.546	40.7	4.83	58.5
DC-MW-6	N	6/23/2004		168	< 1	168	--	70.8	0.84	0.29	254	18.9	--	--	--	9.52	3.32	16.2
PRESERVATIVE BLANK																		
FIELD BLANK	FB	6/24/2004		11.1	< 1	11.1	--	0.009	< 0.2	< 0.1	0.06	0.008	--	--	--	<0.0148	< 0.009	< 0.3

TABLE B-2
SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR MAJOR ION AND NUTRIENTS
PANLES F AND G
BASELINE STUDY

Page 2 of 2

Site			Alkalinity Bicarbonate (mg/L)	Alkalinity Carbonate (mg/L)	Alkalinity Total (mg/L)	Ammonia Undistilled (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride Undistilled (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Nitrate and Nitrite (mg/L)	Phosphorous Ortho (mg/L)	Phosphorous Total (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**			NE	NE	NE	NE	NE	250s	4.0	NE	NE	10	NE	NE	NE	NE	250s
EQUIPBLANK	B	6/30/2004	--	--	< 1	--	0.55	< 1	< 0.5	1.61	0.06	--	--	--	<0.015	0.02	< 1.5

Notes:

- < Indicates analyte not detected above laboratory practical quantification limit (PQL).
- (mg/L) Milligrams per liter
- B Not detected above quantitation limit but present above method detection limit (SVL).
- D Field duplicate sample
- e Field duplicate results exceed acceptable limits - PQL based determination.
- H Sample analyzed out of holding time.
- N Natural sample
- NE Not Established
- ** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.
-  Shading indicates results above Idaho DEQ Standards.
- Well MC-MW-3 and MC-MW-4 formerly known as MC-MW-11 and MC-MW-6, respectively.
- Field data or laboratory samples were not collected or analyzed.

TABLE B-3
SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR METALS
PANELS F AND G
BASELINE STUDY

Page 1 of 4

Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				0.2s	0.006	0.05	2.0	0.004	NE	0.005	0.1	1.3	0.3s
PANEL F (MANNING CREEK LEASE AREA)													
MC-MW-1	10/30/2003	Dissolved	N	B 0.0125	<0.0006	<0.0006	0.033	<0.00006	B 0.0122	<0.00006	<0.0003	<0.0026	<0.0045
MC-MW-1	10/30/2003	Total	N	5.35	<0.0006	BWN 0.0013	0.051	B 0.00015	B 0.0177	0.00014	0.0103	0.0044	4.25
MC-MW-1	5/19/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	<0.0124
MC-MW-1	5/19/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	0.0277
MC-MW-1	6/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	<0.0108
MC-MW-1	6/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	<0.0108
MC-MW-2	10/14/2003	Dissolved	N	<0.0086	B 0.0017	B 0.00069	B 0.0159	<0.00007	0.0072	<0.0001	<0.0002	<0.0011	B 0.0081
MC-MW-2	10/14/2003	Total	N	39.3	W <0.0006	0.0305	0.25	0.0026	0.102	N 0.0091	0.476	0.0897	67.9
MC-MW-2	6/30/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	<0.011
MC-MW-2	6/30/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	0.344
MC-MW-4	10/14/2003	Dissolved	N	<0.0086	B 0.0019	W <0.0006	0.0745	<0.00007	B 0.0305	<0.0001	B 0.00041	<0.0011	B 0.0075
MC-MW-4	10/14/2003	Total	N	4.98	<0.0006	B 0.002	0.129	B 0.00032	B 0.0246	N 0.00075	0.0271	0.0116	6.93
MC-MW-4	6/24/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	0.177
MC-MW-4	6/24/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	0.298
MC-MW-5	10/14/2003	Dissolved	N	<0.0086	BW 0.0039	0.003	0.0041	<0.00007	<0.0065	0.0014	B 0.0013	<0.0011	B 0.0095
MC-MW-5	10/14/2003	Total	N	6.42	W 0.0023	0.012	0.0281	B 0.00045	B 0.0197	N 0.0072	0.257	0.0318	13.3
MC-MW-5	6/24/2004	Dissolved	N	--	--	--	--	--	--	0.0019	--	--	<0.0108
MC-MW-5	6/24/2004	Total	N	--	--	--	--	--	--	0.0019	--	--	0.171
MC-MW-5	10/5/2004	Dissolved	N	--	--	--	--	--	--	0.0114	--	--	<0.011
MC-MW-5	10/5/2004	Total	N	--	--	--	--	--	--	0.0121	--	--	0.205
PANEL G (DEER CREEK LEASE AREA)													
DC-MW-1	10/9/2003	Dissolved	N	B 0.0112	BW 0.0013	<0.0006	0.0413	<0.00006	<0.012	0.0011	<0.0003	<0.0026	<0.0045
DC-MW-1	10/9/2003	Total	N	80.4	BWN 0.0012	N 0.0185	0.55	E 0.0031	0.0509	0.0118	0.368	0.085	69
DC-MW-1	6/23/2004	Dissolved	N	--	--	--	--	--	--	0.00098	--	--	0.0252
DC-MW-1	6/23/2004	Total	N	--	--	--	--	--	--	0.0058	--	--	27.1
DC-MW-2	10/12/2003	Dissolved	N	B 0.0152	B 0.0012	B 0.0017	0.0198	<0.00006	<0.012	0.002	B 0.0015	<0.0026	<0.0045
DC-MW-2	10/12/2003	Total	N	59.8	BWN 0.0019	WN 0.0318	0.188	E 0.0021	0.0665	0.0188	0.501	0.0571	38
DC-MW-2	6/30/2004	Dissolved	N	--	--	--	--	--	--	0.00044	--	--	<0.011
DC-MW-2	6/30/2004	Total	N	--	--	--	--	--	--	0.00065	--	--	0.107
DC-MW-3	10/11/2003	Dissolved	N	B 0.0109	BW 0.0027	0.0075	0.0725	<0.00006	B 0.0159	<0.0001	<0.0003	<0.0026	<0.0045
DC-MW-3	10/11/2003	Total	N	0.799	BN 0.00065	N 0.0093	0.0895	e <0.00006	B 0.0172	<0.0001	B 0.0033	<0.0026	0.472
DC-MW-3	6/30/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	<0.011

TABLE B-3
SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR METALS
PANELS F AND G
BASELINE STUDY

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)
IDAHO DEQ Standard**				0.2s	0.006	0.05	2.0	0.004	NE	0.005	0.1	1.3	0.3s
DC-MW-3	6/30/2004	Dissolved	D	--	--	--	--	--	--	<0.0001	--	--	<0.011
DC-MW-3	6/30/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	0.0823
DC-MW-3	6/30/2004	Total	D	--	--	--	--	--	--	<0.0001	--	--	0.0829
DC-MW-4	10/12/2003	Dissolved	N	B 0.015	BW 0.0019	0.0057	0.0198	<0.00006	<0.012	<0.0001	<0.0003	<0.0026	<0.0045
DC-MW-4	10/12/2003	Dissolved	D	B 0.0185	BW 0.0024	0.0063	0.0204	<0.00006	<0.012	<0.0001	<0.0003	<0.0026	<0.0045
DC-MW-4	10/12/2003	Total	N	2.73	BWN 0.0019	N 0.0087	0.0392	e <0.00006	<0.012	0.0037	0.0651	0.0058	2.9
DC-MW-4	10/12/2003	Total	D	2.72	BWN 0.002	N 0.0086	0.0395	e <0.00006	<0.012	0.0037	0.0625	0.0052	3.06
DC-MW-4	6/30/2004	Dissolved	N	--	--	--	--	--	--	<0.0001	--	--	B 0.0135
DC-MW-4	6/30/2004	Total	N	--	--	--	--	--	--	<0.0001	--	--	0.128
DC-MW-5	10/10/2003	Dissolved	N	B 0.0176	B 0.0011	<0.0006	0.0277	<0.00006	<0.012	0.00016	<0.0003	<0.0026	<0.0045
DC-MW-5	10/10/2003	Total	N	0.0242	N <0.0006	N <0.0006	0.0299	e <0.00006	<0.012	0.00034	B 0.0012	<0.0026	2.13
DC-MW-5	6/25/2004	Dissolved	N	--	--	--	--	--	--	0.00069	--	--	<0.0108
DC-MW-5	6/25/2004	Total	N	--	--	--	--	--	--	0.00075	--	--	1.09
DC-MW-5	10/15/2004	Dissolved	N	--	--	--	--	--	--	0.00057	--	--	<0.0124
DC-MW-5	10/15/2004	Total	N	--	--	--	--	--	--	0.00065	--	--	B0.0152
DC-MW-6	10/9/2003	Dissolved	N	B 0.0143	BW 0.0019	B 0.00083	0.0355	<0.00006	B 0.0143	0.00078	<0.0003	<0.0026	<0.0045
DC-MW-6	10/9/2003	Total	N	209	BWN 0.00083	N 0.0625	1.18	E 0.0096	0.241	0.131	1.4	0.324	183
DC-MW-6	6/23/2004	Dissolved	N	--	--	--	--	--	--	0.0011	--	--	0.025
DC-MW-6	6/23/2004	Total	N	--	--	--	--	--	--	0.154	--	--	45.5
PRESERVATIVE BLANK													
EQUIPBLAN	6/30/2004	Dissolved	B	--	--	--	--	--	--	<0.0001	--	--	<0.011
EQUIPBLAN	6/30/2004	Total	B	--	--	--	--	--	--	<0.0001	--	--	<0.011
FIELDBLANK	6/24/2004	Dissolved	FB	--	--	--	--	--	--	W<0.0001	--	--	<0.0108
FIELDBLANK	6/24/2004	Total	FB	--	--	--	--	--	--	<0.0001	--	--	<0.0108

Notes:

D Field duplicate sample.
B Not detected above quantitation limit but present above method detection limit (SVL).
E Estimated value due to presence of interference (SVL).
N Located in QC column indicates natural sample.
N Located in analyte column indicates percent recovery not within control limits 75-125% (SVL)..
NE Not Established.
W Post-digestion spike recovery out of control limits 85-115% (SVL).
-- Field data or laboratory samples were not collected or analyzed.

e Field duplicate results exceed acceptable limits - PQL based determination.
< Indicates analyte not detected above laboratory practical quantification limit (PQL).
(mg/L) Milligrams per liter.
* Duplicate analysis not within control limits (SVL).
** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.
Shading indicates results above ID DEQ Standards, regardless of physical state (Total or Dissolved).
Well MC-MW-3 and MC-MW-4 formerly known as MC-MW-11 and MC-MW-6, respectively.

TABLE B-3
SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR METALS
PANELS F AND G
BASELINE STUDY

Page 3 of 4

Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.015	0.05s	0.002	NE	0.05	NE	NE	0.1s	0.002	NE	5.0s
PANEL F (MANNING CREEK LEASE AREA)														
MC-MW-1	10/30/2003	Dissolved	N	<0.0004	0.0034	<0.0001	B 0.002	B 0.00049	--	--	<0.001	B 0.00051	B 0.00029	0.0066
MC-MW-1	10/30/2003	Total	N	0.002	0.0522	<0.0001	<0.001	B 0.00042	--	--	<0.0001	<0.0003	0.0109	* 0.0311
MC-MW-1	5/19/2004	Dissolved	N	<0.0007	B0.0018	<0.0002	<0.0013	B 0.00066	--	--	--	--	--	<0.0002
MC-MW-1	5/19/2004	Total	N	B 0.001	<0.001	<0.0002	<0.0013	<0.0003	--	--	--	--	--	B 0.0015
MC-MW-1	6/24/2004	Dissolved	N	<0.0007	<0.0006	*<0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011
MC-MW-1	6/24/2004	Total	N	B 0.00072	<0.0006	*<0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011
MC-MW-2	10/14/2003	Dissolved	N	<0.0004	0.0689	<0.0001	<0.0011	0.0025	--	--	<0.0001	B 0.00053	B 0.0016	0.059
MC-MW-2	10/14/2003	Total	N	0.0265	1.52	0.00049	0.42	0.0231	<0.0002	0.0231	B 0.00034	B 0.0014	0.2	1.48
MC-MW-2	6/30/2004	Dissolved	N	<0.001	<0.0006	<0.0002	B 0.0053	B 0.00088	--	--	--	--	--	0.0052
MC-MW-2	6/30/2004	Total	N	<0.001	SB0.002	<0.0002	B 0.0066	B 0.00095	--	--	--	--	--	S 0.0123
MC-MW-4	10/14/2003	Dissolved	N	<0.0004	0.135	<0.0001	<0.0011	0.0018	--	--	<0.0001	B 0.00058	B 0.00041	0.311
MC-MW-4	10/14/2003	Total	N	0.0101	0.258	<0.0001	0.0114	0.0021	--	--	<0.0001	<0.0003	0.0079	0.327
MC-MW-4	6/24/2004	Dissolved	N	B0.0013	0.0565	*<0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011
MC-MW-4	6/24/2004	Total	N	B 0.00072	0.056	*<0.0002	<0.0017	B 0.00036	--	--	--	--	--	0.0023
MC-MW-5	10/14/2003	Dissolved	N	<0.0004	0.0088	<0.0001	0.0506	0.507	--	--	<0.0001	B 0.00048	0.39	0.309
MC-MW-5	10/14/2003	Total	N	W 0.0037	0.0733	B 0.00014	0.243	0.477	0.072	0.405	0.0025	B 0.00086	0.578	1.5
MC-MW-5	6/24/2004	Dissolved	N	<0.0007	B0.0016	*<0.0002	0.034	0.0262	--	--	--	--	--	0.227
MC-MW-5	6/24/2004	Total	N	<0.0007	0.004	*<0.0002	0.0325	0.0313	--	--	--	--	--	0.223
MC-MW-5	10/5/2004	Dissolved	N	<0.001	S0.0374	<0.0002	0.69	0.325	--	--	--	--	--	S4.75
MC-MW-5	10/5/2004	Total	N	<0.001	0.0314	<0.0002	0.608	0.342	--	--	--	--	--	3.83
PANEL G (DEER CREEK LEASE AREA)														
DC-MW-1	10/9/2003	Dissolved	N	<0.0004	0.901	<0.0001	B 0.0073	0.0019	--	--	<0.0001	e <0.0003	B 0.001	0.0148
DC-MW-1	10/9/2003	Total	N	0.0403	2.43	B 0.00019	0.13	0.006	--	--	B 0.00082	B 0.0012	0.268	0.585
DC-MW-1	6/23/2004	Dissolved	N	<0.0007	0.467	*<0.0002	B 0.0023	0.0036	--	--	--	--	--	B0.004
DC-MW-1	6/23/2004	Total	N	0.0161	1.27	*<0.0002	0.0554	0.0078	--	--	--	--	--	0.258
DC-MW-2	10/12/2003	Dissolved	N	<0.0004	0.011	<0.0001	0.0266	0.0086	--	--	<0.0001	Be 0.00031	0.0182	0.138
DC-MW-2	10/12/2003	Total	N	0.012	0.786	0.00043	0.568	0.0123	--	--	0.0021	W 0.0047	0.499	4.01
DC-MW-2	6/30/2004	Dissolved	N	B0.0014	0.0289	<0.0002	0.0239	<0.0003	--	--	--	--	--	0.0277
DC-MW-2	6/30/2004	Total	N	B 0.0018	S0.0392	<0.0002	0.0232	B 0.00036	--	--	--	--	--	S 0.0553
DC-MW-3	10/11/2003	Dissolved	N	<0.0004	0.0267	<0.0001	B 0.0013	0.0011	--	--	<0.0001	e <0.0003	<0.0002	<0.0018
DC-MW-3	10/11/2003	Total	N	B 0.0019	0.0847	<0.0001	<0.001	B 0.00093	<0.0002	B 0.00093	<0.0001	B 0.00091	B 0.00097	0.0226
DC-MW-3	6/30/2004	Dissolved	N	<0.001	<0.0006	<0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011

TABLE B-3
SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR METALS
PANELS F AND G
BASELINE STUDY

Page 4 of 4

Site	Sample Date	Type	QC	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Selenium IV (mg/L)	Selenium VI (mg/L)	Silver (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.015	0.05s	0.002	NE	0.05	NE	NE	0.1s	0.002	NE	5.0s
DC-MW-3	6/30/2004	Dissolved	D	<0.001	<0.0006	<0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011
DC-MW-3	6/30/2004	Total	N	W< 0.001	S0.0495	<0.0002	<0.0017	<0.0003	--	--	--	--	--	S< 0.0011
DC-MW-3	6/30/2004	Total	D	<0.001	S0.0544	<0.0002	<0.0017	<0.0003	--	--	--	--	--	S< 0.0011
DC-MW-4	10/12/2003	Dissolved	N	<0.0004	0.0259	<0.0001	B 0.0054	0.0011	--	--	<0.0001	e <0.0003	B 0.00058	0.0104
DC-MW-4	10/12/2003	Dissolved	D	<0.0004	0.0261	<0.0001	B 0.0042	0.0011	--	--	<0.0001	B 0.00031	B 0.00057	0.0106
DC-MW-4	10/12/2003	Total	N	B 0.0016	0.0601	<0.0001	0.0194	0.0078	0.0016	0.0062	B 0.00049	B 0.00046	0.0435	0.138
DC-MW-4	10/12/2003	Total	D	0.002	0.063	<0.0001	0.0204	0.0076	--	--	B 0.00051	<0.0003	0.044	0.14
DC-MW-4	6/30/2004	Dissolved	N	<0.001	0.0138	<0.0002	B 0.0068	<0.0003	--	--	--	--	--	<0.0011
DC-MW-4	6/30/2004	Total	N	B 0.0015	S0.0183	<0.0002	B 0.0057	<0.0003	--	--	--	--	--	S< 0.0011
DC-MW-5	10/10/2003	Dissolved	N	<0.0004	0.018	<0.0001	0.0133	0.0143	--	--	<0.0001	e <0.0003	B 0.0013	0.037
DC-MW-5	10/10/2003	Total	N	<0.0004	0.0213	<0.0001	B 0.0066	0.0142	--	--	<0.0001	<0.0003	0.0155	0.075
DC-MW-5	6/25/2004	Dissolved	N	<0.0007	<0.0006	*<0.0002	0.0136	0.0105	--	--	--	--	--	0.0977
DC-MW-5	6/25/2004	Total	N	B 0.0011	B0.002	*< 0.0002	0.0128	0.0115	--	--	--	--	--	0.113
DC-MW-5	10/15/2004	Dissolved	N	B0.00062	<0.001	<0.0002	0.0131	0.0079	--	--	--	--	--	S0.0937
DC-MW-5	10/15/2004	Total	N	BW 0.00069	<0.001	<0.0002	B 0.0096	0.0097	--	--	--	--	--	0.0861
DC-MW-6	10/9/2003	Dissolved	N	<0.0004	2.12	<0.0001	B 0.0098	0.0015	--	--	W <0.0001	e <0.0003	0.0062	0.022
DC-MW-6	10/9/2003	Total	N	0.095	9.33	0.0011	1.15	0.0422	--	--	W 0.0062	B 0.0026	0.959	5.5
DC-MW-6	6/23/2004	Dissolved	N	<0.0007	0.339	*<0.0002	B 0.0062	0.0017	--	--	--	--	--	0.0064
DC-MW-6	6/23/2004	Total	N	0.021	12.6	*< 0.0002	0.238	0.0121	--	--	--	--	--	1.22
PRESERVATIVE BLANK														
EQUIPBLAN	6/30/2004	Dissolved	B	<0.001	<0.0006	<0.0002	<0.0017	<0.0003	--	--	--	--	--	B0.0029
EQUIPBLAN	6/30/2004	Total	B	0.0011	<0.0006	<0.0002	<0.0017	<0.0003	--	--	--	--	--	0.0016
FIELDBLANK	6/24/2004	Dissolved	FB	<0.0007	<0.0006	*<0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011
FIELDBLANK	6/24/2004	Total	FB	<0.0007	<0.0006	*< 0.0002	<0.0017	<0.0003	--	--	--	--	--	<0.0011

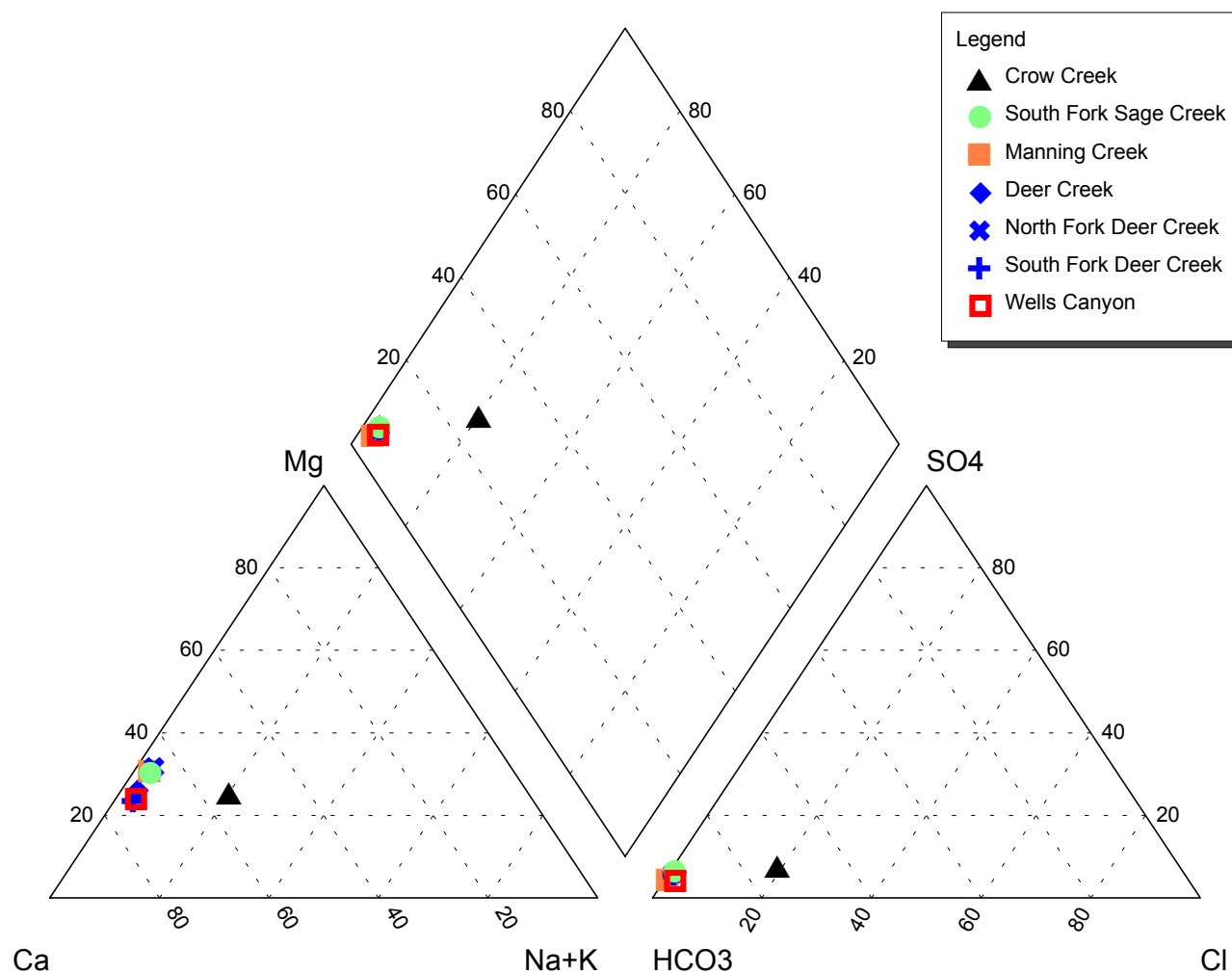
Notes:

D Field duplicate sample.
B Not detected above quantitation limit but present above method detection limit (SVL).
E Estimated value due to presence of interference (SVL).
N Located in QC column indicates natural sample.
N Located in analyte column indicates percent recovery not within control limits 75-125% (SVL).
NE Not Established.
S Serial dilution difference is >10% and original sample concentration is >50X the instrument detection limit (SVL).
W Post-digestion spike recovery out of control limits 85-115% (SVL).
-- Field data or laboratory samples were not collected or analyzed.

e Field duplicate results exceed acceptable limits - PQL based determination.
< Indicates analyte not detected above laboratory practical quantification limit (PQL).
(mg/L) Milligrams per liter.
* Duplicate analysis not within control limits (SVL).
** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.
Shading indicates results above ID DEQ Standards, regardless of physical state (Total or Dissolved).
Well MC-MW-3 and MC-MW-4 formerly known as MC-MW-11 and MC-MW-6, respectively.

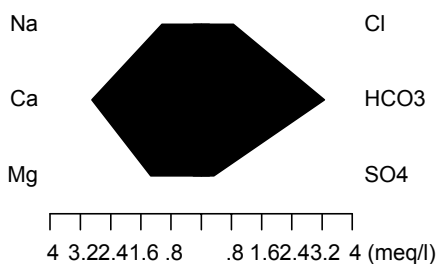
**GRAPHICAL PLOTS (PIPER AND STIFF DIAGRAMS)
FIGURES H-1 TO H-9**

Median Surface Water Quality

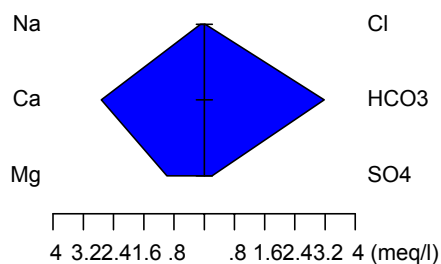


DESCRIPTION: Piper Diagram - Median surface water quality for all stations and samples within the drainage.

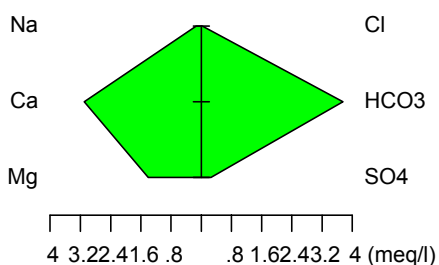
Crow Creek



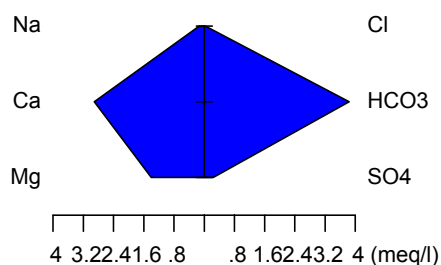
Deer Creek



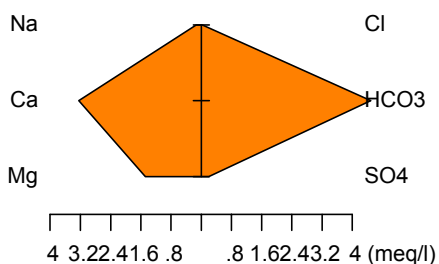
South Fork Sage Creek



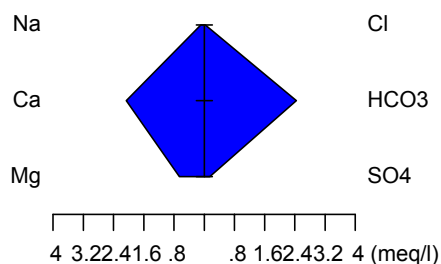
North Fork Deer Creek



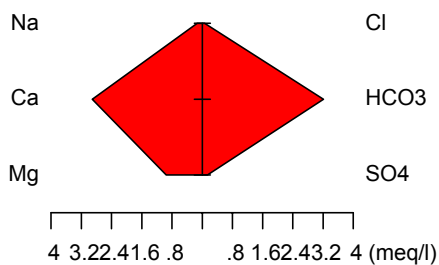
Manning Creek



South Fork Deer Creek

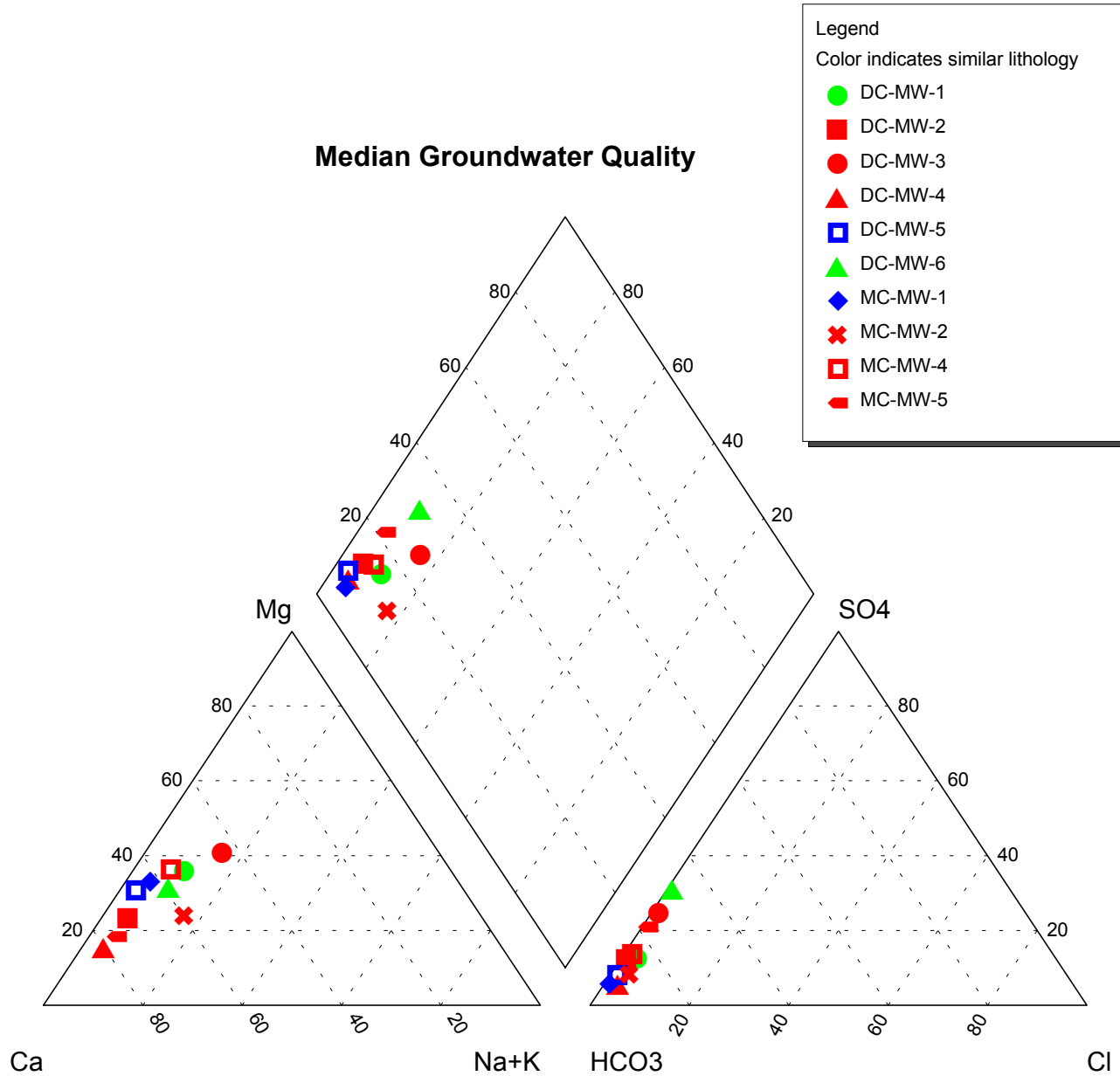


Wells Canyon



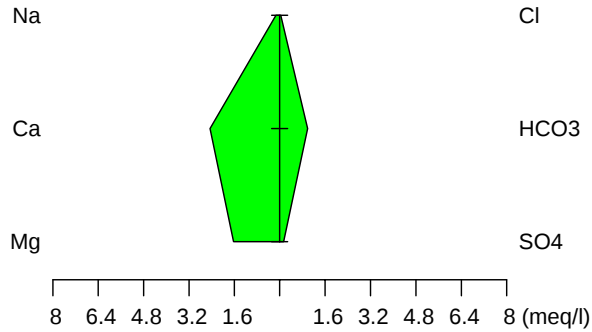
DESCRIPTION: Stiff Diagram - Median surface water quality for all stations and samples within the drainage.

Median Groundwater Quality

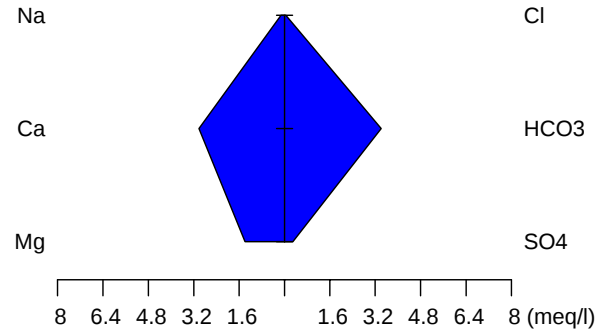


DESCRIPTION: Piper Diagram - Groundwater quality for all wells and samples colored by similar completion lithology.

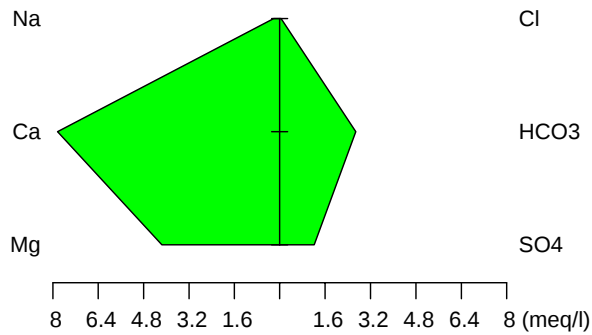
DC-MW-1



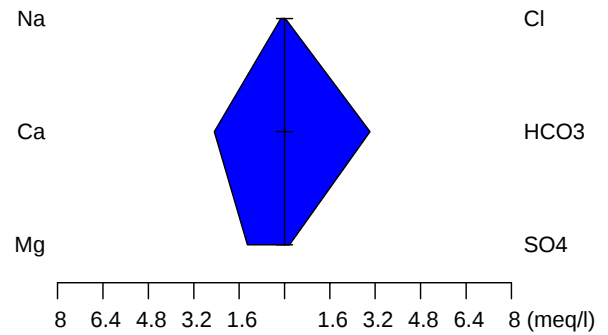
DC-MW-5



DC-MW-6



MC-MW-1



DESCRIPTION: Stiff Diagram - Groundwater quality - Green = Alluvial completion, Blue = Wells Formation completion.



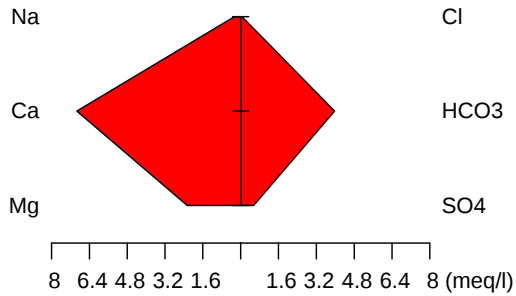
PROJECT: Smoky Canyon Mine Panels F and G

PROJECT NO: 2560432.420

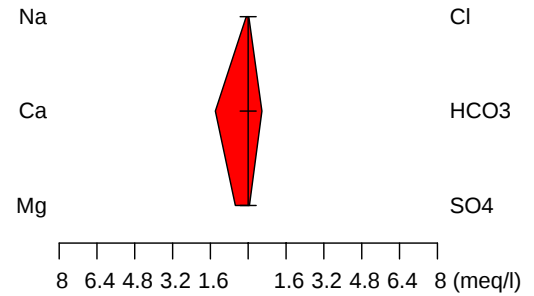
CLIENT: J.R. Simplot

FIGURE: H-4

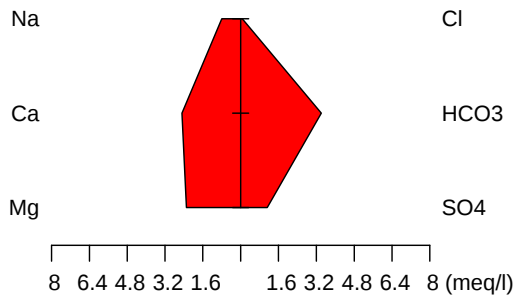
DC-MW-2 (Meade Peak)



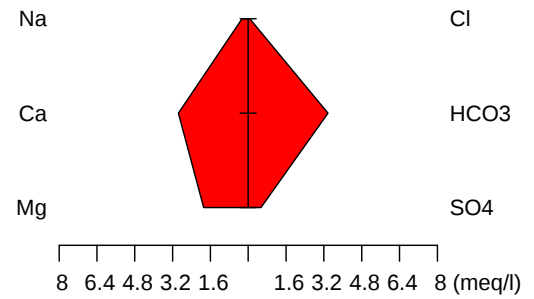
MC-MW-2 (Rex Chert)



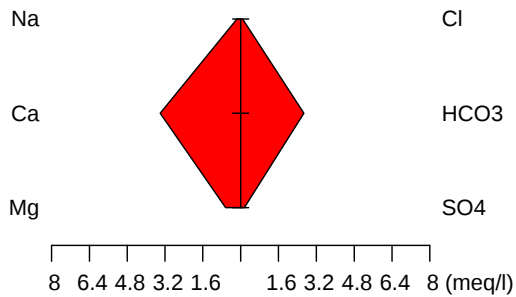
DC-MW-3 (Rex Chert)



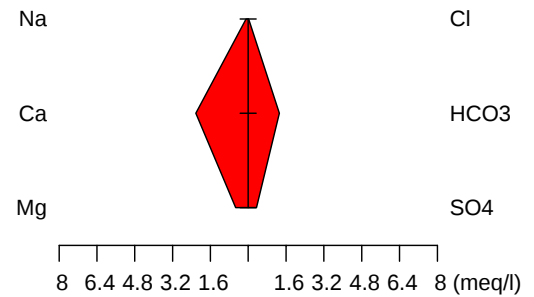
MC-MW-4 (Rex Chert)



DC-MW-4 (Meade Peak)



MC-MW-5 (Meade Peak)



DESCRIPTION: Stiff Diagram - Groundwater quality - Rex Chert - Meade Peak Formation completion.

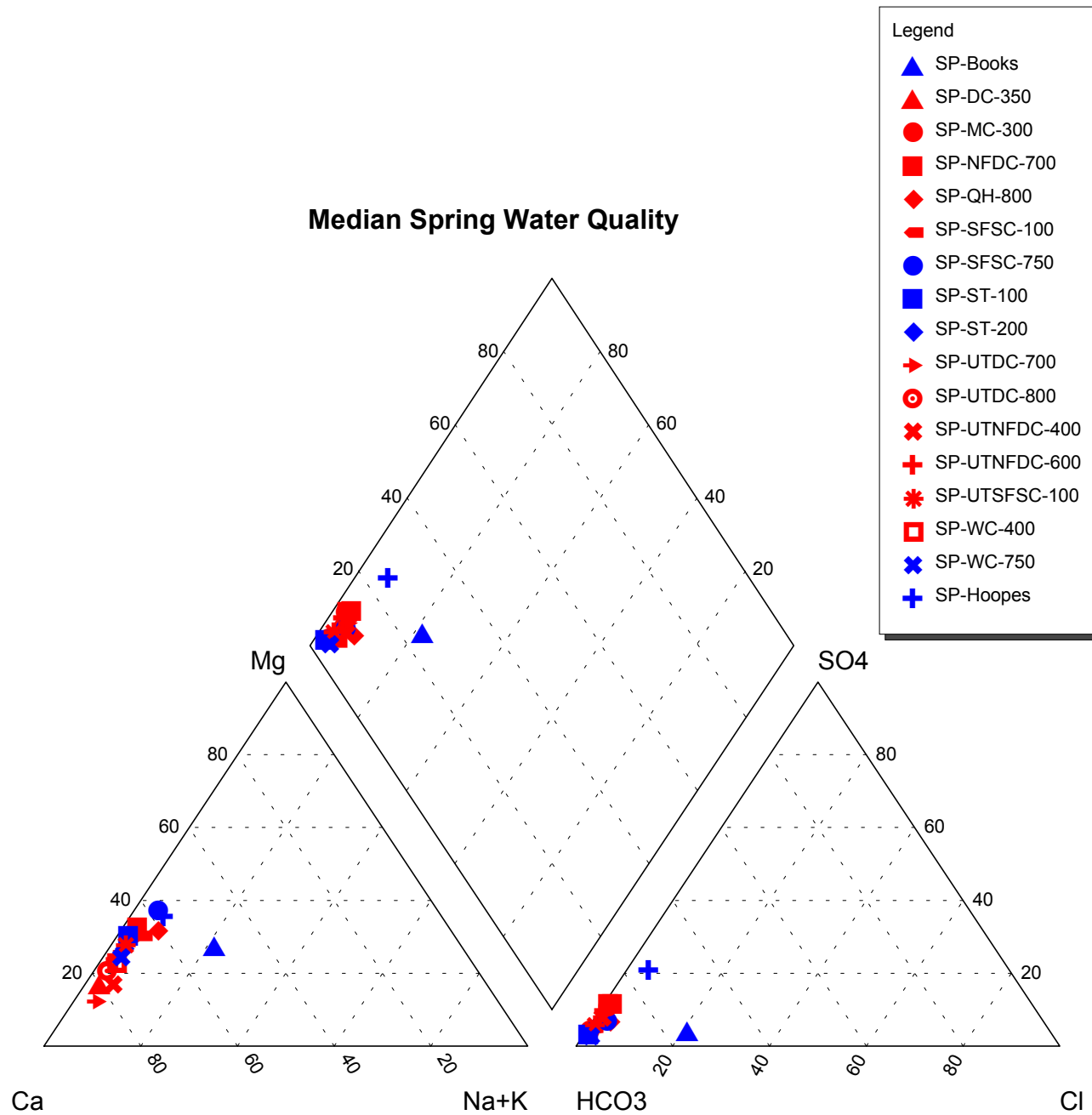


PROJECT: Smoky Canyon Mine Panels F and G

PROJECT NO: 2560432.420

CLIENT: J.R. Simplot

FIGURE: H-5



DESCRIPTION: Piper Diagram - Median spring water quality colored by similar lithology.



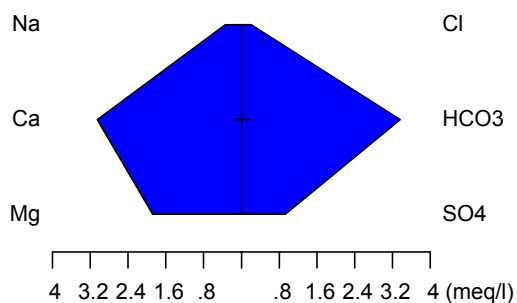
PROJECT: Smoky Canyon Mine Panels F and G

PROJECT NO: 2560432.420

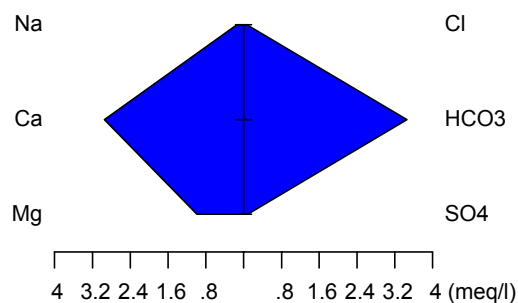
CLIENT: J.R. Simplot

FIGURE: H-6

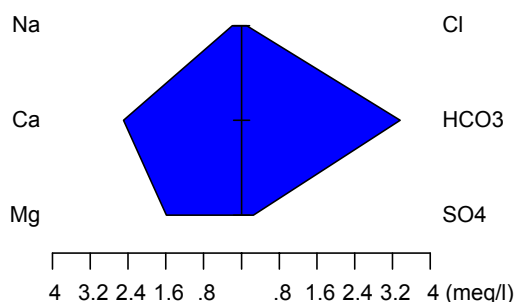
SP-Hoopes



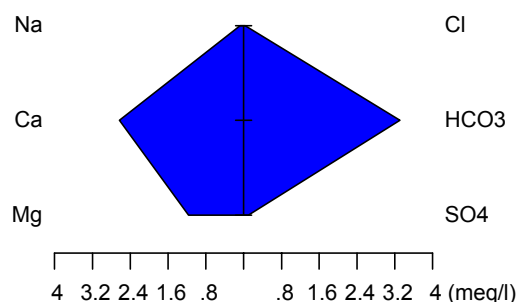
SP-WC-750



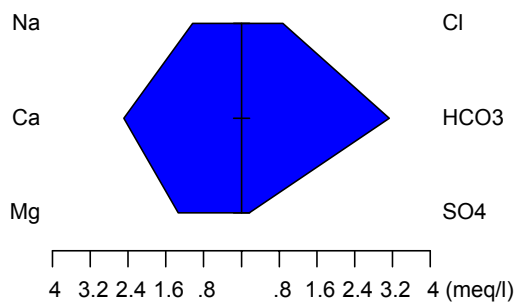
SP-SFSC-750



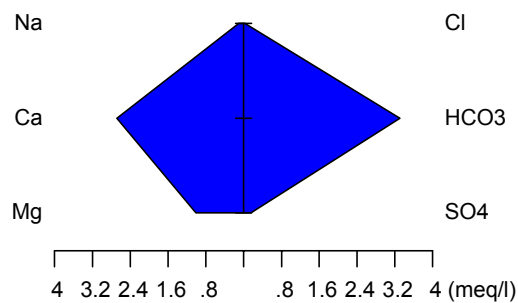
SP-ST-100



SP-Books

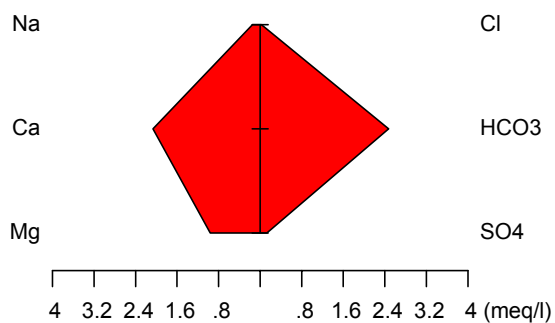


SP-ST-200

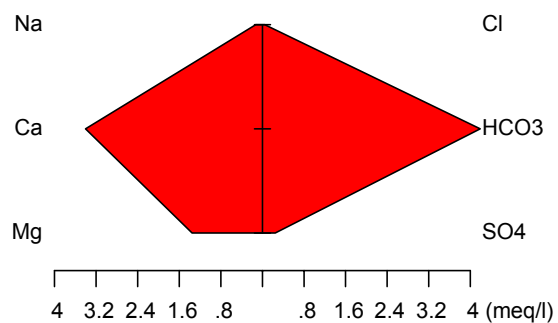


DESCRIPTION: Stiff Diagram - Median spring water quality. Blue indicates Wells Formation as source.

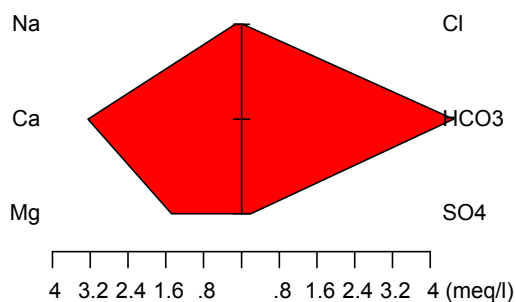
SP-SFSC-100



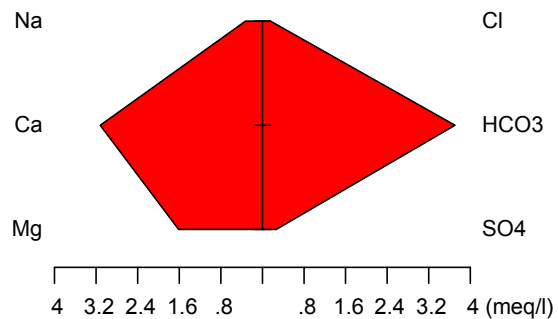
SP-UTSFSC-100



SP-MC-300



SP-QH-800



DESCRIPTION: Stiff Diagram - Median spring water quality. Panel F Lease Area. Red indicates source not likely Wells Fm.



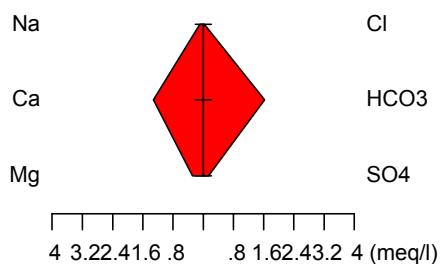
PROJECT: Smoky Canyon Mine Panels F and G

PROJECT NO: 2560432.420

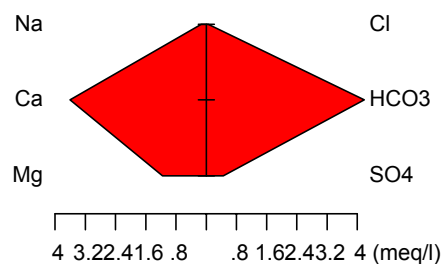
CLIENT: J.R. Simplot

FIGURE: H-8

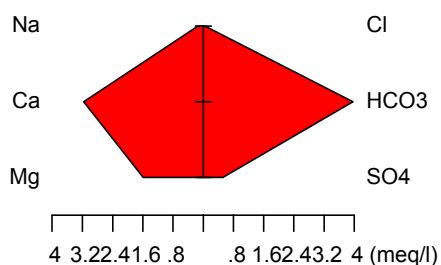
SP-UTNFDC-400



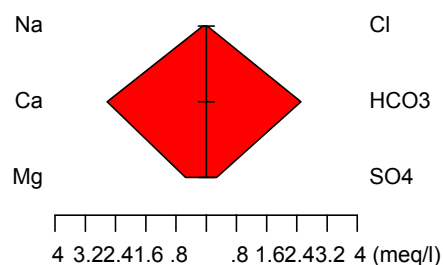
SP-UTNFDC-600



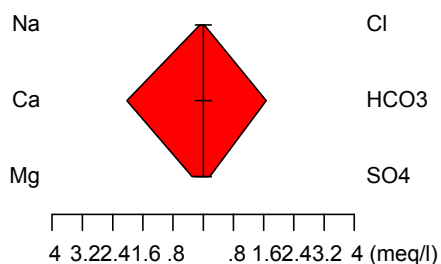
SP-NFDC-700



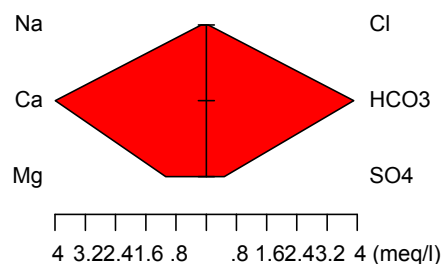
SP-DC-350



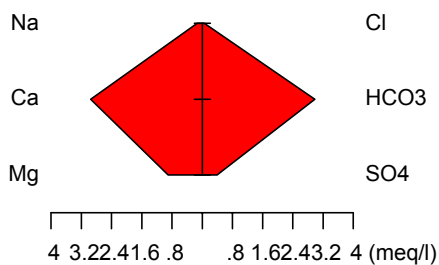
SP-UTDC-700



SP-UTDC-800



SP-WC-400



DESCRIPTION: Stiff Diagram - Median spring water quality. Panel G Lease Area. Red indicates source not likely Wells Fm.



PROJECT: Smoky Canyon Mine Panels F and G

PROJECT NO:

CLIENT: J.R. Simplot

FIGURE: H-9

2005 Water Resources Baseline Data

TABLE A-1
2005 SUMMARY OF SURFACE WATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
PANELS F AND G

Page 1 of 2

Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE
CROW CREEK													
SW-CC-100	N 10/17/2005	11.55	10.9	10.21	8.44	385	463	--	10.36	--	H 1.88	240	<5
SW-CC-300	N 5/25/2005	76.05	12.6	7.71	8.38	490	450	267	12.6	9.86	He% 1.77	H 273	He 24
SW-CC-300	N 10/17/2005	20.82	12.5	10.31	8.66	386	403	--	11.84	--	H 0.623	207	7
CC-2	N 10/19/2005	19.98	8.3	8.04	8.43	443	584	--	11.26	--	H 1.03	303	5
SW-CC-500	N 10/19/2005	38.14	9.5	8.11	8.51	388	510	--	11.7	--	H 0.755	300	<5
SP-RIEDE	N 10/18/2005	No Flow	9.9	7.4	7.49	354	463	--	7.11	--	H 0.918	264	<5
SP-BOOKS	N 5/25/2005	1.93	12.7	7.66	8.01	500	451	265	14	0.65	He% 0.443	H 369	H <5
SP-BOOKS	N 10/18/2005	3.11	12.4	7.55	8.02	343	434	--	11.31	--	H 0.294	258	<5
SOUTH FORK SAGE CREEK													
SW-SFSC-500	N 10/19/2005	0.163	6	6.75	7.98	270	347	--	9.36	--	H 0.105	205	<5
SW-SFSC-800	N 10/19/2005	5.9	11.7	7.59	8.1	298	396	--	9.02	--	H 0.537	228	9
LSV-4	N 10/17/2005	15.11	14.1	9.5	8.54	294	377	--	10.43	--	H 0.724	219	<5
SP-SFSC-750	N 5/25/2005	13.37	10.7	7.63	8.14	330	307	237	11.2	10.5	He% 10.5	H 195	He 25
SP-UTSC-850	N 5/25/2005	0.003	19.1	7.58	7.98	460	421	43	9.6	4.05	He% 12.8	H 293	He 97
MANNING CREEK													
SP-MC-300	N 5/26/2005	0.15	6.1	7.86	7.79	470	183	285	11.1	0.64	He% 0.174	e% 98	<5
DEER CREEK													
SW-DC-500	N 5/24/2005	35.77	8.8	6.05	8.29	320	303	234	12.1	12.7	H 3.19	170	27
SW-DC-500	N 10/18/2005	0.282	5	7.74	8.39	300	390	--	11.02	--	H 0.759	237	<5
SW-DC-800	N 5/25/2005	34.35	8.4	7.69	8.2	350	312	265	13	10.2	He% 6.33	H 187	He 21
SP-DC-350	N 5/24/2005	1.03	5.8	7.31	7.87	280	263	283	12.1	1.56	0.922	147	<5
SP-UTDC-700	N 5/24/2005	0.006	8.5	7.36	8.32	160	140	279	10.6	2.85	0.627	89	<5
SP-UTDC-700	S 5/24/2005	0.006	8.5	7.36	7.94	160	144	279	10.6	2.85	0.93	45	<2
SP-UTDC-800	N 5/24/2005	0.72	3.6	7.42	7.48	240	212	272	13.1	1.04	1.39	140	<5
SP-UTDC-800	S 5/24/2005	0.72	3.6	7.42	7.72	240	220	272	13.01	1.04	3.4	80	3.2
NORTH FORK DEER CREEK													
SW-NFDC-200	N 10/18/2005	0.004	6.3	8.04	8.16	323	438	--	12.75	--	H 38.6	234	81
SW-NFDC-500	N 5/24/2005	4.81	13	7.31	8.35	400	365	239	10.4	3.51	0.691	207	6
SW-NFDC-900	N 5/24/2005	5.53	10.7	6.65	8.32	410	379	226	11.2	3.96	H 0.675	209	<5
SW-NFDC-900	N 10/18/2005	0.279	5.4	7.54	8.15	307	410	--	10.34	--	H 0.8	232	<5
SW-UTNFDC-800	N 5/24/2005	0.135	9.7	7.45	7.84	360	326	248	11.1	1.21	H 0.131	166	<5
SP-UTNFDC-400	N 5/26/2005	0.009	4.3	8.35	7.91	210	407	280	11.8	2.96	He% 2.46	e% 92	<5
SP-UTNFDC-540	S 5/24/2005	1.45	9	7.21	8.33	460	439	245	10.6	0.99	0.76	200	3.4

TABLE A-1
2005 SUMMARY OF SURFACE WATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
PANELS F AND G

Page 2 of 2

Site	Sample Date	Flow (cfs)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Field Turbidity (NTU)	Lab Turbidity (NTU)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)
IDAHO DEQ Standards**			22	6.5 - 9.0	6.5 - 9.0	NE	NE	NE	6.0	50	50	NE	NE
SP-UTNFDC-540N	5/24/2005	1.45	9	7.21	7.55	460	417	245	10.6	0.99	H 0.255	230	<5
SP-UTNFDC-540N	10/18/2005	0.1	9.7	8.05	8.44	290	430	--	9.62	--	H 0.117	255	<5
SOUTH FORK DEER CREEK													
SP-UTSFDC-500N	5/25/2005	0.031	2.8	7.5	7.3	160	133	301	11.6	3.61	He% 3.07	H 120	H <5
WELLS CANYON													
SW-WC-800	N 5/25/2005	0.27	8.6	7.68	8.39	400	360	268	12.1	5.55	He% 3.69	H 215	He 13
SW-WC-800	N 10/18/2005	0.177	9.6	8.05	8.31	276	370	--	8.87	--	H 0.394	211	<5
SP-UTWC-300	N 5/25/2005	0.0018	12.5	7.42	7.06	50	38	284	8.7	9.16	He% 5.9	H 91	H <5
SP-WC-400	N 5/25/2005	0.192	7.3	7.35	8	310	275	230	11.8	3.16	He% 1.38	195	<5
SP-WC-400	N 10/18/2005	0.007	9	7.73	8.04	271	362	--	8.23	--	H 1.79	216	9
SP-WC-750	N 10/18/2005	0.032	8	7.36	7.71	269	302	--	7.24	--	H 0.129	206	<5
STEWART CANYON													
SW-ST-500	N 7/28/2005	--	10.69	8.28	--	306	--	--	9.59	3.8	--	--	--
SW-ST-500	N 10/20/2005	0.124	6.18	8.33	8.33	347	350	--	9.65	5.8	--	208	11
SP-ST-100	N 7/28/2005	--	6.73	7.57	--	341	--	--	10.3	0.4	--	--	--
SP-ST-100	N 10/20/2005	2.15	6.72	7.56	7.9	338	346	--	7.87	0.5	--	208	<5
SP-ST-200	N 7/28/2005	--	5.89	7.52	--	340	--	--	9.7	0.5	--	--	--
SP-ST-200	N 10/20/2005	--	5.95	7.49	7.52	357	362	--	8.62	0.8	--	203	<5
LAMB CANYON													
SW-LC-500	N 7/28/2005	--	8.94	8.44	--	380	--	--	10.13	4.6	--	--	--
SW-LC-500	N 10/20/2005	0.237	5.1	8.4	8.37	253	395	--	9.88	1.8	--	246	<5

Notes:

< Indicates analyte not detected above laboratory practical quantification limit (PQL)
 -- Field data or laboratory samples were not collected or analyzed
 N Natural sample
 S Split sample
 (mg/L) Milligrams per liter
 C Degrees centigrade
 cfs Cubic feet per second
 (umhos/cm) Micromhos per centimeter
 ORP Oxygen reduction potential
 (mV) Millivolts
 DO Dissolved oxygen
 (NTU) Nephelometric Turbidity Unit

e Field duplicate results exceed acceptable limits - PQL based determination.
 e% Field duplicate results exceed acceptable limits - relative percent difference determination
 H Sample analyzed out of holding time.
 q Associated values are estimates - field blank showed evidence of contamination.
 NE Not Established
 U Field observations indicate low turbidity (clear) water
 ** The surface water standards are from IDAPA 58.01.02.250.
 Shading indicates results above Idaho DEQ Standards.

TABLE A-2
2005 SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR MAJOR IONS AND NUTRIENTS
PANELS F AND G

Page 1 of 2

Site	Sample Date	Calcium (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE
CROW CREEK					
SW-CC-100	N 10/17/2005	--	210	--	13.4
SW-CC-300	N 5/25/2005	57.3	193	12.2	13.3
SW-CC-300	N 10/17/2005	--	209	--	16.3
CC-2	N 10/19/2005	--	220	--	26.5
SW-CC-500	N 10/19/2005	--	224	--	27.8
SP-RIEDE	N 10/18/2005	--	209	--	8.53
SP-BOOKS	N 5/25/2005	46.8	180	15.4	9
SP-BOOKS	N 10/18/2005	--	198	--	8.65
SP-BOOKS	D 10/18/2005	--	190	--	8.73
SOUTH FORK SAGE CREEK					
SW-SFSC-500	N 10/19/2005	--	191	--	12.1
SW-SFSC-800	N 10/19/2005	--	209	--	13.7
LSV-4	N 10/17/2005	--	209	--	29.5
SP-SFSC-750	N 5/25/2005	41.6	157	13	8.44
SP-UTSC-850	N 5/25/2005	67.3	242	17.9	11.8
MANNING CREEK					
SP-MC-300	N 5/26/2005	60.8	214	15	6.54
SP-MC-300	D 5/26/2005	62.4	219	15.4	6.59
SP-MC-300	-- 10/19/2005	--	--	--	--
DEER CREEK					
SW-DC-400	-- 10/18/2005	--	--	--	--
SW-DC-500	N 5/24/2005	49.8	164	9.71	6.63
SW-DC-500	N 10/18/2005	--	226	--	13
SW-DC-800	N 5/25/2005	50	168	10.4	7.29
SP-DC-350	N 5/24/2005	45.4	140	6.37	5.27
SP-DC-350	D 5/24/2005	44.9	138	6.31	5.3
SP-UTDC-700	S 5/24/2005	24	68	2	<10
SP-UTDC-700	N 5/24/2005	24.5	69	1.92	3.19
SP-UTDC-800	S 5/24/2005	36	109	4.7	<10
SP-UTDC-800	N 5/24/2005	35.6	109	4.8	9.1
NORTH FORK DEER CREEK					
SW-NFDC-200	N 10/18/2005	--	240	--	11.5
SW-NFDC-500	N 5/24/2005	56.5	201	14.5	7.74
SW-NFDC-900	N 5/24/2005	58.7	211	15.7	11
SW-NFDC-900	N 10/18/2005	--	220	--	13
SW-UTNFDC-800	N 5/24/2005	51.3	179	12.3	4.45
SP-UTNFDC-400	N 5/26/2005	30.1	93.1	4.37	3.61
SP-UTNFDC-540	S 5/24/2005	61	239	21	<10
SP-UTNFDC-540	N 5/24/2005	64.1	246	20.8	12.1
SP-UTNFDC-540	N 10/18/2005	--	247	--	9.99
SOUTH FORK DEER CREEK					
SW-SFDC-300	-- 10/18/2005	--	--	--	--
SP-UTSFDC-500	N 5/25/2005	24.4	66.6	1.35	2.4
WELLS CANYON					
SW-WC-800	N 5/25/2005	53.7	187	13	4.98

TABLE A-2
2005 SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR MAJOR IONS AND NUTRIENTS
PANELS F AND G

Page 2 of 2

Site	Sample Date	Calcium (mg/L)	Hardness (mg/L)	Magnesium (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE
SW-WC-800	N 10/18/2005	--	198	--	5.07
SP-UTWC-300	N 5/25/2005	4.68	16.1	1.09	0.78
SP-WC-400	N 5/25/2005	43.8	145	8.77	9.43
SP-WC-400	D 5/25/2005	41.8	139	8.42	9.6
SP-WC-400	N 10/18/2005	--	191	--	18.6
SP-WC-750	N 10/18/2005	--	189	--	4.7
STEWART CANYON					
SW-ST-500	N 7/28/2005	--	--	--	--
SW-ST-500	N 10/20/2005	--	191	--	12.9
SP-ST-100	N 7/28/2005	--	--	--	--
SP-ST-100	N 10/20/2005	--	192	--	5.17
SP-ST-200	N 7/28/2005	--	--	--	--
SP-ST-200	N 10/20/2005	--	197	--	7.86
LAMB CANYON					
SW-LC-500	N 7/28/2005	--	--	--	--
SW-LC-500	N 10/20/2005	--	224	--	12.4
PRESERVATIVE BLANK					
SW-OC-200	N 5/26/2005	< 0.0072	0.0422	<0.0102	0.3
SW-OC-200	N 10/18/2005	--	<0.06	--	0.3
ST-BL	N 7/28/2005	--	--	--	--

Notes:

- < Indicates analyte not detected above laboratory practical quantification limit (PQL)
- (mg/L) Milligrams per liter
- D Field duplicate sample
- N Located in Site column indicates natural sample.
- N Located in analyte columns indicates percent recovery not within control limits 75-125% (SVL).
- S Located in Site column indicates split sample.
- Field data or laboratory samples were not collected or analyzed.
- e Field duplicate results exceed acceptable limits - PQL based determination.
- e% Field duplicate results exceed acceptable limits - relative percent difference determination.
- H Sample analyzed out of holding time.
- q Associated values are estimates - field blank showed evidence of contamination.
- NE Not Established
- B Not detected above quantitation limit but present above the method detection limit.
- **B Analyte was detected in method blank. Results are not corrected for the method blank concentration.
- ** Based on IDAPA 58.01.02, there are no surface water quality standards for major ions and nutrients.

TABLE A-3
2005 SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
PANELS F AND G

Site	Sample Date	Type	QC	Aluminum (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**															
CROW CREEK															
SW-CC-100	10/17/2005	Dissolved	N	--	B 0.00004	B 0.00046	--	--	--	--	--	B 0.002	B 0.00074	B 0.0023	<0.0012
SW-CC-100	10/17/2005	Total	N	--	<0.00005	B 0.0005	--	--	--	--	--	B 0.0021	B 0.00074	B 0.0024	<0.0012
SW-CC-300	5/25/2005	Dissolved	N	--	<0.00002	<0.0003	--	--	--	--	0.0001	<0.0014	B 0.00091	B 0.0019	B 0.00026
SW-CC-300	5/25/2005	Total	N	--	<0.00005	Be 0.0012	--	--	--	--	0.0001	Be 0.0024	B 0.00083	B 0.0029	B 0.0047
SW-CC-300	10/17/2005	Dissolved	N	--	<0.00002	<0.0004	--	--	--	--	--	<0.0016	B 0.00042	B 0.0021	<0.0012
SW-CC-300	10/17/2005	Total	N	--	<0.00005	<0.0004	--	--	--	--	--	B 0.0019	<0.0002	B 0.002	B 0.0065
CC-2	10/19/2005	Dissolved	N	--	<0.00002	<0.0004	--	--	--	--	--	<0.0016	<0.0002	B 0.0018	<0.0012
CC-2	10/19/2005	Total	N	--	B 0.00007	B 0.00062	--	--	--	--	--	B 0.0023	B 0.00068	B 0.0019	B 0.0064
SW-CC-500	10/19/2005	Dissolved	N	--	<0.00002	B 0.00044	--	--	--	--	--	<0.0016	B 0.0013	B 0.0017	<0.0012
SW-CC-500	10/19/2005	Total	N	--	<0.00005	<0.0004	--	--	--	--	--	B 0.0028	B 0.00044	B 0.003	0.256
SP-RIEDE	10/18/2005	Dissolved	N	--	B 0.0001	B 0.00065	--	--	--	--	--	B 0.0019	B 0.00049	B 0.0026	0.252
SP-RIEDE	10/18/2005	Total	N	--	B 0.00007	B 0.00089	--	--	--	--	--	<0.0014	B 0.0008	B 0.0017	B 0.0017
SP-BOOKS	5/25/2005	Dissolved	N	--	<0.00002	Be 0.00038	--	--	--	--	0.0001	<0.0014	B 0.0008	B 0.0015	<0.0002
SP-BOOKS	5/25/2005	Total	N	--	<0.00005	Be 0.00036	--	--	--	--	0.0001	Be 0.0015	B 0.00068	B 0.0015	<0.0002
SP-BOOKS	10/18/2005	Dissolved	N	--	<0.00002	B 0.00043	--	--	--	--	--	B 0.0018	<0.0002	B 0.0016	<0.0012
SP-BOOKS	10/18/2005	Dissolved	D	--	B 0.00003	<0.0004	--	--	--	--	--	B 0.0023	B 0.0003	B 0.0017	B 0.0018
SP-BOOKS	10/18/2005	Total	N	--	<0.00005	<0.0004	--	--	--	--	--	<0.0016	B 0.0005	B 0.0015	<0.0012
SP-BOOKS	10/18/2005	Total	D	--	<0.00005	<0.0004	--	--	--	--	--	<0.0016	B 0.0004	B 0.0015	<0.0012
SOUTH FORK SAGE CREEK															
SW-SFSC-500	10/19/2005	Dissolved	N	--	B 0.00006	<0.0004	--	--	--	--	--	B 0.0023	B 0.00025	<0.0009	B 0.0079
SW-SFSC-500	10/19/2005	Total	N	--	B 0.00007	<0.0004	--	--	--	--	--	<0.0016	B 0.00021	<0.0009	<0.0012
SW-SFSC-800	10/19/2005	Dissolved	N	--	B 0.00006	B 0.00061	--	--	--	--	--	B 0.0028	0.0034	B 0.002	0.0239
SW-SFSC-800	10/19/2005	Total	N	--	B 0.00009	B 0.0006	--	--	--	--	--	<0.0016	0.0033	B 0.0018	<0.0012
LSV-4	10/17/2005	Dissolved	N	--	B 0.00004	<0.0004	--	--	--	--	--	<0.0016	0.0059	B 0.0019	<0.0012
LSV-4	10/17/2005	Total	N	--	<0.00005	B 0.0004	--	--	--	--	--	B 0.0016	0.0062	B 0.002	<0.0012
SP-SFSC-750	5/25/2005	Dissolved	N	--	<0.00002	<0.0003	--	--	--	--	0.0001	B 0.0017	B 0.0012	B 0.00081	B 0.0012
SP-SFSC-750	5/25/2005	Total	N	--	<0.00005	Be 0.00098	--	--	--	--	0.0001	<0.0014	B 0.0014	B 0.0014	B 0.0026
SP-UTSC-850	5/25/2005	Dissolved	N	--	<0.00002	<0.0003	--	--	--	--	0.0001	B 0.003	0.0063	0.0155	B 0.00055
SP-UTSC-850	5/25/2005	Total	N	--	0.0052	0.0094	--	--	--	--	0.0001	0.0181	0.014	0.0522	0.0933
MANING CREEK															
SP-MC-300	5/26/2005	Dissolved	N	--	Be 0.00006	<0.0004	--	--	<0.00005	--	0.0001	<0.0016	Be 0.0003	<0.0009	<0.0012

TABLE A-3
2005 SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
PANELS F AND G

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				NE	0.001h	0.01+	0.011h	NE	0.0025h	NE	1.2e-5	0.16h	0.005	NE	0.105h
SP-MC-300	5/26/2005	Dissolved	D	--	Be 0.00004	<0.0004	--	--	<0.00005	--	0.0001	<0.0016	<0.0002	<0.0009	<0.0012
SP-MC-300	5/26/2005	Total	N	--	Be 0.0001	Be 0.00056	--	--	<0.00012	--	0.0001	<0.0016	B 0.00031	<0.0009	<0.0012
SP-MC-300	5/26/2005	Total	D	--	Be 0.00017	<0.0004	--	--	<0.00012	--	0.0001	<0.0016	B 0.00028	<0.0009	<0.0012
DEER CREEK															
SW-DC-500	5/24/2005	Dissolved	N	<0.0066	<0.00002	<0.0004	<0.0026	<0.0045	<0.00005	0.0081	0.0001	<0.0016	B 0.00086	B 0.001	<0.0012
SW-DC-500	5/24/2005	Total	N	e% 0.792	BN 0.00011	B 0.0021	<0.0026	e% 0.778	B 0.0005	e 0.0765	0.0001	<0.0016	B 0.00091	B 0.0027	0.0107
SW-DC-500	10/18/2005	Dissolved	N	--	B 0.00007	<0.0004	--	--	--	--	0.0001	<0.0016	B 0.0014	B 0.0012	B 0.0014
SW-DC-500	10/18/2005	Total	N	--	B 0.00006	<0.0004	--	--	--	--	0.0001	B 0.0018	B 0.0015	B 0.0011	<0.0012
SW-DC-800	5/25/2005	Dissolved	N	--	<0.00002	<0.0003	--	--	--	--	0.0001	<0.0014	B 0.00095	B 0.0017	B 0.00068
SW-DC-800	5/25/2005	Total	N	--	B 0.00015	Be 0.00072	--	--	--	--	0.0001	<0.0014	B 0.00096	B 0.0023	B 0.0071
SP-DC-350	5/24/2005	Dissolved	N	<0.0066	B 0.00004	B 0.00048	<0.0026	<0.0045	Be 0.00007	<0.0008	0.0001	<0.0016	B 0.00073	B 0.0019	Be 0.004
SP-DC-350	5/24/2005	Dissolved	D	<0.0066	B 0.00004	B 0.00042	<0.0026	<0.0045	Be 0.00009	<0.0008	0.0001	<0.0016	B 0.00073	B 0.002	Be 0.0056
SP-DC-350	5/24/2005	Total	N	e% 0.0503	<0.00005	B 0.00054	<0.0026	Be% 0.0317	<0.00012	Be 0.0019	0.0001	<0.0016	B 0.00068	B 0.0019	B 0.0043
SP-DC-350	5/24/2005	Total	D	e% 0.0398	<0.00005	B 0.00058	<0.0026	Be% 0.0254	<0.00012	Be 0.0014	0.0001	<0.0016	B 0.00072	B 0.0019	B 0.0039
SP-UTDC-700	5/24/2005	Dissolved	S	--	--	--	--	--	--	--	--	--	<0.001	--	--
SP-UTDC-700	5/24/2005	Dissolved	N	<0.0066	0.00065	B 0.0017	<0.0026	<0.0045	<0.00005	<0.0008	0.0001	B 0.003	B 0.0016	0.0157	e 0.012
SP-UTDC-700	5/24/2005	Total	S	--	0.00078	<0.01	--	--	0.0001	--	0.0005	<0.02	<0.001	0.03	<0.05
SP-UTDC-700	5/24/2005	Total	N	e% 0.0464	N 0.00082	B 0.0022	<0.0026	Be% 0.0305	<0.00012	Be 0.00085	0.0001	B 0.0024	B 0.0018	0.0161	0.0134
SP-UTDC-800	5/24/2005	Dissolved	S	--	--	--	--	--	--	--	--	--	0.002	--	--
SP-UTDC-800	5/24/2005	Dissolved	N	<0.0066	0.00029	B 0.0037	<0.0026	<0.0045	<0.00005	<0.0008	0.0001	B 0.0087	0.0102	0.0064	e 0.0287
SP-UTDC-800	5/24/2005	Total	S	--	0.00031	<0.01	--	--	0.0004	--	0.0002	<0.02	0.002	0.02	<0.05
SP-UTDC-800	5/24/2005	Total	N	e% 0.0697	BN 0.00038	B 0.0049	<0.0026	e% 0.0835	B 0.0004	Be 0.0034	0.0001	B 0.0088	0.0102	0.007	0.0343
NORTH FORK DEER CREEK															
SW-NFDC-200	10/18/2005	Dissolved	N	--	B 0.00006	<0.0004	--	--	--	--	--	B 0.0029	B 0.0014	B 0.0017	B 0.0071
SW-NFDC-200	10/18/2005	Total	N	--	B 0.00024	B 0.00077	--	--	--	--	--	B 0.0045	B 0.0015	B 0.0024	0.0114
SW-NFDC-500	5/24/2005	Dissolved	N	<0.0066	<0.00002	<0.0004	<0.0026	<0.0045	Be 0.00005	0.164	0.0001	<0.0016	B 0.00059	<0.0009	<0.0012
SW-NFDC-500	5/24/2005	Total	N	e% 0.175	<0.00005	B 0.00053	<0.0026	e% 0.189	<0.00012	e 0.053	0.0001	<0.0016	B 0.00048	B 0.001	<0.0012
SW-NFDC-900	5/24/2005	Dissolved	N	<0.0066	<0.00002	<0.0004	<0.0026	<0.0045	Be 0.00008	0.0066	0.0001	<0.0016	B 0.0012	<0.0009	<0.0012
SW-NFDC-900	5/24/2005	Total	N	e% 0.156	<0.00005	B 0.00073	<0.0026	e% 0.203	B 0.00016	e 0.0482	0.0001	<0.0016	B 0.0012	B 0.0011	B 0.0031
SW-NFDC-900	10/18/2005	Dissolved	N	--	B 0.00007	<0.0004	--	--	--	--	0.0001	B 0.0019	B 0.0014	B 0.0013	B 0.0014
SW-NFDC-900	10/18/2005	Total	N	--	B 0.00008	<0.0004	--	--	--	--	0.0001	B 0.0016	B 0.0015	B 0.001	B 0.0025
SW-UTNFDC-800	5/24/2005	Dissolved	N	<0.0066	<0.00002	<0.0004	<0.0026	B 0.0237	Be 0.00006	<0.0008	0.0001	<0.0016	<0.0002	<0.0009	<0.0012

TABLE A-3
2005 SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
PANELS F AND G

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				NE	0.001h	0.01+	0.011h	NE	0.0025h	NE	1.2e-5	0.16h	0.005	NE	0.105h
SW-UTNFDC-800	5/24/2005	Total	N	Be% 0.0276	BN 0.00009	<0.0004	<0.0026	Be% 0.0249	<0.00013	e 0.0059	0.0001	<0.0016	<0.0002	<0.0009	<0.0012
SP-UTNFDC-400	5/26/2005	Dissolved	N	--	e0.00094	<0.0004	--	--	<0.00005	--	0.0001	B 0.0026	Be 0.0015	0.0125	0.0267
SP-UTNFDC-400	5/26/2005	Total	N	--	e 0.001	Be 0.0012	--	--	<0.00012	--	0.0001	B 0.0036	B 0.0017	0.0134	0.0275
SP-UTNFDC-540	5/24/2005	Dissolved	S	--	--	--	--	--	--	--	--	--	0.002	--	--
SP-UTNFDC-540	5/24/2005	Dissolved	N	<0.0066	0.0024	B 0.0017	<0.0026	<0.0045	<0.00005	<0.0008	0.0001	0.01	0.009	0.0236	e 0.0678
SP-UTNFDC-540	5/24/2005	Total	S	--	0.00239	<0.01	--	--	0.0001	--	0.0002	<0.02	0.002	0.03	0.1
SP-UTNFDC-540	5/24/2005	Total	N	e% 0.11	N 0.0037	B 0.0034	<0.0026	e% 0.106	B 0.00018	e 0.008	0.0001	0.013	0.0087	0.0262	0.11
SP-UTNFDC-540	10/18/2005	Dissolved	N	--	0.0024	B 0.0011	--	--	--	--	--	0.0121	0.0051	0.0219	0.0723
SP-UTNFDC-540	10/18/2005	Total	N	--	B 0.0026	B 0.0014	--	--	--	--	--	0.0124	0.0056	0.0221	0.0766
SOUTH FORK DEER CREEK															
SP-UTSFDC-500	5/25/2005	Dissolved	N	--	<0.00002	<0.0003	--	--	--	--	0.0001	<0.0014	B 0.00099	B 0.00041	B 0.0021
SP-UTSFDC-500	5/25/2005	Total	N	--	<0.00005	<0.0003	--	--	--	--	0.0001	Be 0.0025	B 0.00021	B 0.00078	B 0.00035
WELLS CANYON															
SW-WC-800	5/25/2005	Dissolved	N	--	<0.00002	<0.0003	--	--	--	--	0.0001	B 0.0015	B 0.00059	B 0.0021	B 0.0016
SW-WC-800	5/25/2005	Total	N	--	B 0.00005	Be 0.00094	--	--	--	--	0.0001	<0.0014	B 0.00059	B 0.0024	B 0.0041
SW-WC-800	10/18/2005	Dissolved	N	--	B0.00007	B 0.00059	--	--	--	--	--	<0.0016	B 0.00061	B 0.0019	B 0.0033
SW-WC-800	10/18/2005	Total	N	--	B 0.00007	B 0.00062	--	--	--	--	--	B 0.0022	B 0.00071	B 0.0017	<0.0012
SP-UTWC-300	5/25/2005	Dissolved	N	--	B0.00005	<0.0003	--	--	--	--	0.0001	B 0.0032	B 0.00046	B 0.00055	B 0.0036
SP-UTWC-300	5/25/2005	Total	N	--	<0.00005	Be 0.0006	--	--	--	--	0.0001	Be 0.0026	B 0.00025	B 0.0011	B 0.0022
SP-WC-400	5/25/2005	Dissolved	N	--	B0.00015	Be 0.0006	--	--	--	--	0.0001	B 0.0036	0.0037	B 0.0029	0.0112
SP-WC-400	5/25/2005	Dissolved	D	--	B0.00016	Be 0.00038	--	--	--	--	0.0001	B 0.0037	0.0034	B 0.0029	B 0.0092
SP-WC-400	5/25/2005	Total	N	--	B 0.0002	Be 0.0015	--	--	--	--	0.0001	Be 0.0048	0.0035	B 0.0032	0.0152
SP-WC-400	5/25/2005	Total	D	--	B 0.0002	Be 0.0011	--	--	--	--	0.0001	Be 0.0032	0.0032	B 0.0032	0.0137
SP-WC-400	10/18/2005	Dissolved	N	--	B0.00008	B 0.00076	--	--	--	--	0.0001	B 0.0057	0.0038	B 0.0031	0.017
SP-WC-400	10/18/2005	Total	N	--	B 0.00036	B 0.0015	--	--	--	--	0.0001	B 0.007	0.0039	B 0.0033	0.036
SP-WC-750	10/18/2005	Dissolved	N	--	B0.00004	B 0.0008	--	--	--	--	--	B 0.0016	B 0.00075	B 0.0023	B 0.0036
SP-WC-750	10/18/2005	Total	N	--	B 0.0001	B 0.00099	--	--	--	--	--	<0.0016	B 0.00095	B 0.002	<0.0012
STEWART CANYON															
SW-ST-500	7/28/2005	Dissolved	N	--	0.00004	0.0012	--	--	--	--	--	--	--	0.0028	<0.0012
SW-ST-500	7/28/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0024	--	--
SW-ST-500	10/20/2005	Dissolved	N	--	0.00007	0.0012	--	--	--	--	--	--	--	0.0027	0.004
SW-ST-500	10/20/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0031	--	--

TABLE A-3
2005 SUMMARY OF SURFACE WATER DATA
ANALYSIS FOR METALS
PANELS F AND G

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Site	Sample Date	Type	QC	Aluminum (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				NE	0.001h	0.01+	0.011h	NE	0.0025h	NE	1.2e-5	0.16h	0.005	NE	0.105h
SP-ST-100	7/28/2005	Dissolved	N	--	<0.00002	0.00052	--	--	--	--	--	--	--	0.0026	<0.0012
SP-ST-100	7/28/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0011	--	--
SP-ST-100	10/20/2005	Dissolved	N	--	0.00008	0.00085	--	--	--	--	--	--	--	0.0027	<0.0012
SP-ST-100	10/20/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0012	--	--
SP-ST-200	7/28/2005	Dissolved	N	--	0.00004	0.00065	--	--	--	--	--	--	--	0.0019	<0.0012
SP-ST-200	7/28/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0016	--	--
SP-ST-200	10/20/2005	Dissolved	N	--	0.00011	0.00091	--	--	--	--	--	--	--	0.0023	<0.0012
SP-ST-200	10/20/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0015	--	--
LAMB CANYON															
SW-LC-500	7/28/2005	Dissolved	N	--	0.00003	0.0012	--	--	--	--	--	--	--	0.0021	<0.0012
SW-LC-500	7/28/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0016	--	--
SW-LC-500	10/20/2005	Dissolved	N	--	0.0001	0.0015	--	--	--	--	--	--	--	0.0019	0.0034
SW-LC-500	10/20/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	0.0015	--	--
PRESERVATIVE BLANK															
ST-BL	7/28/2005	Dissolved	N	--	0.00002	<0.0004	--	--	--	--	--	--	--	<0.0009	0.0021
ST-BL	7/28/2005	Total	N	--	--	--	--	--	--	--	0.0001	--	<0.0002	--	--
SW-OC-200	5/26/2005	Dissolved	N	--	Be0.00004	<0.0004	--	--	<0.00005	--	0.0001	<0.0016	<0.0002	<0.0009	<0.0012
SW-OC-200	5/26/2005	Total	N	--	Be 0.0001	<0.0004	--	--	<0.00012	--	0.0001	B 0.0026	<0.0002	<0.0009	<0.0012
SW-OC-200	10/18/2005	Dissolved	N	--	B0.00004	<0.0004	--	--	--	--	--	B 0.0023	<0.0002	<0.0009	<0.0012
SW-OC-200	10/18/2005	Total	N	--	<0.00005	<0.0004	--	--	--	--	--	<0.0016	B 0.00026	<0.0009	<0.0012

Notes:

- B Not detected above quantitation limit but present above method detection limit (SVL).
- D Field duplicate sample
- N Located in the QC column indicates natural sample.
- N Located in analyte column indicates percent recovery not within control limits 75-125% (SVL).
- S Located in site column indicates split sample.
- NE Not Established
- M Duplicate precision goal not met (SVL).
- W Post-digestion spike recovery out of control limits 85-115% (SVL).
- < Indicates analyte not detected above laboratory practical quantification limit (PQL).
- (mg/L) Milligrams per liter
- Duplicate analysis not within control limits (SVL).
- (1) Verified by a second analysis (Northern Analytical).
- Field data or laboratory samples were not collected or analyzed.

- H Sample analyzed out of holding time.
- e Field duplicate results exceed acceptable limits - PQL based determination.
- e% Field duplicate results exceed acceptable limits - relative percent difference determination.
- q Associated values are estimates - field blank showed evidence of contamination.
- ** The surface water standards value is the lowest concentration for cold water biota for Criteria Maximum Concentration (CMC), Criteria Continuous Concentration (CCC), or human consumption of organisms. Standards from IDAPA 58.01.02.210 + 250. For Idaho, water quality standards are based on the dissolved fraction for metals in surface water (except total fraction for selenium and mercury as CCC). Standard values followed by an "h" indicate the aquatic life criteria are expressed as a function of total hardness and water effect ratio (WER). Hardness dependent standards are calculated for each watershed based on the average observed hardness. Standards shown are based on a hardness of 100 mg/L.
- Shading indicates results above Idaho DEQ Standards, regardless of physical state (Total or Dissolved).
- + Chromium standard of 0.01 mg/l is for Chromium VI; the chromium III standard is 0.18 mg/l for CCC and is hardness dependent.

TABLE B-1
2005 SUMMARY OF GROUNDWATER DATA
FIELD MEASUREMENTS AND PHYSICAL PARAMETERS
PANELS F AND G
BASELINE STUDY

Page 1 of 1

Site	Sample Date	Depth to Water*** (ft)	Temp. (C)	Field pH	Lab pH	Field Conductivity (umhos/cm)	Lab Conductivity (umhos/cm)	Field ORP (mV)	Field DO (mg/L)	Lab Turbidity (NTU)	Total Dis- solved Solids (mg/L)	Total Sus- pended Solids (mg/L)
IDAHO DEQ Standards**			NE	6.5 - 8.5	6.5 - 8.5s	NE	NE	NE	NE	NE	500s	NE
PANEL F (MANNING CREEK LEASE AREA)												
MC-MW-1	5/24/2005	144.08	9.2	7.9	8.05	345	346	--	4	H 0.32	190	<5
PANEL G (DEER CREEK LEASE AREA)												
DC-MW-2	5/24/2005	53.35	8.1	7.54	7.76	493	509	--	0	1.67	263	9
DC-MW-5	5/25/2005	288.85	5.6	7.59	7.73	430	416	+144	3.8	--	e%275	10
DC-MW-6	5/24/2005	3.82	7	7.34	7.36	250	254	--	1	47.1	193	390

Notes:

*** Depth to water below measuring point.
ft Feet
(mg/L) Milligrams per liter
C Degrees centigrade
(umhos/cm) Micromhos per centimeter
ORP Oxygen reduction potential
(mV) Millivolts
DO Dissolved oxygen
(NTU) Nephelometric Turbidity Unit
< Indicates analyte not detected above laboratory practical quantification limit (PQL).

-- Field data or laboratory samples were not collected or analyzed.
e Field duplicate results exceed acceptable limits - PQL based determination.
H Sample analyzed out of holding time.
NE Not Established
* Dissolved oxygen measurement may have been affected by nitrogen used to power bladder pump.
** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.
Shading indicates results above Idaho DEQ Standards.
Well MC-MW-3 and MC-MW-4 formerly known as MC-MW-11 and MC-MW-6, respectively.

TABLE B-2
2005 SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR MAJOR IONS AND NUTRIENTS
PANELS F AND G

Page 1 of 1

Site	Sample Date	Calcium (mg/L)	Hardness (mg/L)	Phosphorous Ortho (mg/L)	Sulfate (mg/L)
IDAHO DEQ Standards**		NE	NE	NE	NE
PANEL F (MANNING CREEK LEASE AREA)					
MC-MW-1	N 5/24/2005	50.5	--	--	8.05
PANEL G (DEER CREEK LEASE AREA)					
DC-MW-2	N 5/24/2005	86.5	--	--	29.8
DC-MW-5	N 5/25/2005	--	--	H 0.042	13.9
DC-MW-5	D 5/25/2005	--	--	H 0.042	13.6
DC-MW-6	N 5/24/2005	44.3	--	--	9.43

Notes:

- < Indicates analyte not detected above laboratory practical quantification limit (PQL)
- (mg/L) Milligrams per liter
- D Field duplicate sample
- N Located in Site column indicates natural sample.
 Located in analyte columns indicates percent recovery not within control limits 75-125% (SVL).
 Located in Site column indicates split sample.
- Field data or laboratory samples were not collected or analyzed.
- e Field duplicate results exceed acceptable limits - PQL based determination.
 Field duplicate results exceed acceptable limits - relative percent difference determination.
- H Sample analyzed out of holding time.
 Associated values are estimates - field blank showed evidence of contamination.
- NE Not Established
- B Not detected above quantitation limit but present above the method detection limit.
- Shading indicates results above Idaho DEQ Standards.
- ** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.

TABLE B-3
2005 SUMMARY OF GROUNDWATER DATA
ANALYSIS FOR METALS
PANELS F AND G

Page 1 of 1

Site	Sample Date	Type	QC	Aluminum (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium All (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
IDAHO DEQ Standard**				0.2s	0.005	0.1	1.3	0.3s	0.015	0.05s	0.002	NE	0.05	NE	5.0s
PANEL F (MANNING CREEK LEASE AREA)															
MC-MW-1	5/24/2005	Dissolved	N	<0.0066	<0.00002	B 0.00072	<0.0026	<0.0045	B 0.00006	<0.0008	<0.0001	<0.0016	<0.0002	B 0.00093	<0.0012
MC-MW-1	5/24/2005	Total	N	<0.0066	<0.00005	B 0.00054	<0.0026	Be%0.0072	<0.00013	<0.0008	<0.0001	<0.0016	<0.0002	<0.0009	<0.0012
PANEL G (DEER CREEK LEASE AREA)															
DC-MW-2	5/24/2005	Dissolved	N	<0.0066	0.00038	<0.0004	<0.0026	B 0.0063	<0.00005	0.0557	<0.0001	0.0286	<0.0002	B 0.0014	0.0579
DC-MW-2	5/24/2005	Total	N	e% 0.0377	BN 0.00029	<0.0004	<0.0026	e%0.148	<0.00013	e0.058	<0.0001	0.0291	<0.0002	B 0.0028	e 0.0799
DC-MW-5	5/25/2005	Dissolved	N	<0.0116	e0.00078	B 0.0011	<0.0026	<0.0045	<0.00005	<0.0008	--	0.0156	e 0.01	0.0238	0.0913
DC-MW-5	5/25/2005	Dissolved	D	<0.0116	e0.00075	B 0.00089	<0.0026	<0.0045	<0.00005	<0.0008	--	0.0144	e 0.01	0.0241	0.0904
DC-MW-5	5/25/2005	Total	N	B 0.0284	e 0.001	Be 0.0041	<0.0026	2.17	<0.00013	B0.0027	--	0.0162	0.0098	0.04	0.143
DC-MW-5	5/25/2005	Total	D	0.0469	e 0.0012	Be 0.0041	<0.0026	3.09	<0.00013	0.0049	--	0.0149	0.0098	0.0407	0.143
DC-MW-6	5/24/2005	Dissolved	N	<0.0066	0.00051	<0.0004	<0.0026	<0.0045	<0.00005	0.378	<0.0001	B 0.0056	0.0039	B 0.0026	B0.0083
DC-MW-6	5/24/2005	Total	N	e% 9.45	N 0.0039	0.0461	0.0141	e%9.67	B 0.0041	e1.43	<0.0001	0.0552	0.0069	0.038	e 0.29

Notes:

B Not detected above quantitation limit but present above method detection limit (SVL).
D Field duplicate sample
N Located in the QC column indicates natural sample.
N Located in analyte column indicates percent recovery not within control limits 75-125% (SVL).
NE Not Established
W Post-digestion spike recovery out of control limits 85-115% (SVL).
< Indicates analyte not detected above laboratory practical quantification limit (PQL).
(mg/L) Milligrams per liter

* Duplicate analysis not within control limits (SVL).
-- Field data or laboratory samples were not collected or analyzed.
e Field duplicate results exceed acceptable limits - PQL based determination.
e% Field duplicate results exceed acceptable limits - relative percent difference determination.
** Standards from IDAPA 58.01.11.200. For Idaho, water quality standards are based on the total fraction for groundwater. Standard values followed by an "s" indicate a secondary standard.
Shading indicates results above Idaho DEQ Standards, regardless of physical state (Total or Dissolved).

**Smoky Canyon Mine – Area A
Monitoring Data
May-June 2006**

Technical Memorandum

Water Quality Monitoring Data Report
May-June 2006

Smoky Canyon Mine - Area A

July 20, 2006

The J.R. Simplot Company
1130 West Highway 30
Pocatello, ID 83204



4720 Walnut St., Suite 200
Boulder, CO 80304

1. Introduction

Surface water flow conditions during the spring of 2006 represented more typical annual high-flow conditions at the Smoky Canyon Mine than those monitored over the past several years, including the years when surface water flows and water quality were monitored to support the AOC Site Investigation (2002-2004). In recent past years, the spring snowmelt period did not produce normal high-flow conditions due to a prolonged drought (2000-2005) and lower than normal winter snowfall amounts.

The scope of the mine's spring, high-flow surface water and groundwater monitoring program was expanded in 2006 to allow for an evaluation of the effects of higher runoff and surface water flows on water quality in the vicinity of the Smoky Canyon Mine.

This Technical Memorandum reports results from surface water and groundwater monitoring activities conducted for the Smoky Canyon Mine during May and June 2006. Also included herein are more detailed presentation and analysis of results from monitoring locations in the Pole Canyon Creek, Sage Creek and lower Crow Creek drainages. This report focuses on those results because they are relevant to the Removal Actions being considered for the Pole Canyon overburden disposal area and related decisions for actions at other locations within Area A at the Smoky Canyon Mine.

2. Scope of Surface Water and Groundwater Monitoring Activities

There were five distinct data collection tasks associated with the spring 2006 surface water monitoring conducted at the Smoky Canyon Mine:

1. Routine monitoring in accordance with the Smoky Canyon Mine Draft Environmental Monitoring Program Plans (MFG, 2002)
2. Site Investigation monitoring during a typical high flow period as specified by the Area A Site Investigation Work Plan (MFG, 2003a)
3. Monitoring to support the Pole Canyon Creek removal action design
4. Monitoring to further assess conditions associated with Hoopes Spring
5. Voluntary water quality monitoring in the Panels F and G EIS study area

The spring 2006 monitoring locations included all of the mine's routine surface water and groundwater monitoring stations plus additional surface water stations and groundwater monitoring wells. All of the locations included in the spring 2006 monitoring work are identified and mapped on Figures 1 and 2. In total samples were collected at 47 surface water stations and 9 groundwater monitoring wells between May 3 and May 25, 2006. Surface water samples were also collected on June 22, 2006, at six of the previously sampled surface water locations in lower Sage Valley and two groundwater monitoring wells that were not accessible in May.

Water samples were submitted to Silver Valley Laboratories (Wallace, Idaho), and sample handling, storage, and chain of custody procedures were in accordance with Standard Operating Procedures used during the Site Investigation (MFG, 2003b). Field duplicates and field blank samples were also collected and submitted for laboratory analyses.

The analyses requested for each sample submitted to the laboratory depended on the associated data collection task.

- ♦ Groundwater and surface water samples collected from the locations previously monitored during the Area A Site Investigation were analyzed for the parameters listed on Table 1. This list was provided to Simplot by the Idaho Department of Environmental Quality as the recommended suite of chemical analyses for surface water samples collected during the spring of 2006. Surface water flows and groundwater water levels were also measured during May 2006 and recorded at the Site Investigation monitoring locations.
- ♦ Samples collected from the routine monitoring locations that were not included in the Site Investigation were analyzed for the parameters specified by the Draft Environmental Monitoring Program Plans.
- ♦ Samples collected at the Panels F and G baseline monitoring locations were analyzed for the parameters listed on Table 2; this analyte list was informally reviewed by Idaho Department of Environmental Quality prior to the May 2006 monitoring event.

3. Results

All field and laboratory data associated with samples collected in May and June 2006 are reported in Appendix A. Table 3 is a summary of the 2006 flow and selenium concentration data for all locations sampled, and Figures 3, 4, and 5 present selenium concentrations for surface water samples collected from the Sage Valley area during May 2005, May 2006, and June 2006, respectively.

a. Surface Water Flow Data

The flow data reported on Table 3 demonstrate that significantly higher flow conditions existed during the 2006 monitoring event than during the high-flow monitoring events in 2003, 2004, and 2005. The Sage Creek flow measured at LSV-3, between South Fork Sage Creek and the confluence with Crow Creek, was 52.3 cubic feet per second (cfs) in May 2006 compared to flow less than 20 cfs during the previous three high-flow monitoring events.

At the lower Pole Canyon Creek station LP, 5 cfs was measured in May 2006 where the flow had been less than 2 cfs during the previous three high-flow monitoring events. During May 2006, Pole Canyon Creek flow entered Sage Valley and continued southeast across the valley to join the north fork of Sage Creek. Previously, all of the lower Pole Canyon Creek flow was lost to the valley floor before the confluence with the north fork of Sage Creek, and no Pole Canyon Creek water flowed directly into Sage Creek. Although flow was not measured in June 2006, it was apparent that lower Pole Canyon Creek flow was being lost across Sage Valley, and there was no longer any visible surface flow to northern Sage Creek.

Other tributaries to lower Sage Creek all had higher flows in 2006 compared to the 2003-2005 monitoring events. Hoopes Spring flow, measured at station HS, increased to 3.4 cfs in May 2006 from approximately 1.5 cfs in the previous three years. For comparison to historical flow records, Hoopes Spring flows higher than 4 cfs were measured during the spring high flow conditions in 1997 and 1998. South Fork Sage Creek flow measured at station LSS was 23.6 cfs in 2006 compared to flows less than 10 cfs in 2003 and 2004.

b. Selenium Concentration Data

The selenium concentrations in the north fork of Sage Creek and lower Sage Creek were distinctly higher in May 2006 than those measured a year earlier at the same locations. For example, at the monitoring station located on lower Sage Creek below Hoopes Spring and South Fork Sage Creek, LSV-3, there was an increase in the total recoverable selenium concentration from 0.0029 mg/L in 2005 to 0.0232 mg/L in 2006.

In contrast, selenium concentrations in lower Pole Canyon Creek, Sage Creek at LS, South Fork Sage Creek, and Hoopes Spring were similar to prior years. The lower Pole Canyon Creek total recoverable selenium concentration was slightly lower in May 2006 at 0.936 mg/L compared to 1.33 mg/L in May 2005. On Sage Creek below the mine and above the confluence of the north fork of Sage Creek, station LS, and on South Fork Sage Creek, station LSS, remained low at less than 0.001 mg/L and 0.002 mg/L, respectively. Only a slight increase in total recoverable selenium was observed at Hoopes Spring where the concentration was 0.0162 in May 2006 compared to 0.0146 mg/L in May 2005.

Follow up sampling was completed at a few selected locations in Sage Valley to evaluate the duration of elevated selenium concentrations associated with spring high-flow conditions. Lower Pole Canyon Creek and Sage Creek selenium concentrations declined in the month between the May and June surface water sampling events. At lower Pole Canyon Creek the total recoverable selenium concentration was 0.682 mg/L in June, and there was no surface flow to Sage Creek observed. In Sage Creek, selenium concentrations decreased at all locations, and there was also gradual decrease in concentration with downstream distance from lower Pole Canyon Creek. At LSV-1, between the Pole Canyon Creek confluence and Hoopes Spring, the total recoverable selenium concentration decreased from 0.0336 mg/L to 0.0089 mg/L, and at LSV-2, below Hoopes Spring, the decrease was from 0.0252 mg/L to 0.0067 mg/L. The total recoverable selenium concentration at LSV-3 was 0.0067 in June compared to 0.0232 mg/L in May, and at LSV-4 the concentration decreased from 0.0146 mg/L to 0.0065 mg/L.

Selenium concentrations in Hoopes Spring water were the same during the May and June 2006 sampling events.

4. Discussion

The elevated selenium concentrations observed in lower Sage Creek during the 2006 high-flow monitoring event are directly attributable to contributions from lower Pole

Canyon Creek. Transport of selenium by Pole Canyon Creek produced elevated selenium concentrations in the north fork of Sage Creek, lower Sage Creek, and in Crow Creek below the inflow from Sage Creek. Pole Canyon Creek acted as a source of selenium to lower Sage Creek during the spring of 2006 but not during the previous high-flow sampling events. The selenium concentrations in other tributaries to Sage Creek were not substantially different than those measured in the past.

The June 2006 monitoring data indicate that once Pole Canyon Creek was no longer flowing directly into northern Sage Creek, the selenium concentrations rapidly declined along the entire downstream length of lower Sage Creek. In June, the selenium concentrations in Sage Creek remained just above the 0.005 mg/L standard at all locations.

As expected through the Site Investigation (Newfields, 2005), these results now demonstrate that under typical spring high-flow conditions Pole Canyon Creek is the dominant source of selenium to Sage Creek. These results also confirm the importance of implementing the Pole Canyon Creek diversion and infiltration portion of the EECA-identified preferred removal alternative as quickly as possible.

5. References

- MFG, 2002. Draft Environmental Monitoring Program Plans, prepared by MFG, Inc. for the J.R. Simplot Company, Smoky Canyon Mine, November 2002.
- MFG, 2003a. Site Investigation Work Plan for Smoky Canyon Mine Area A, prepared by MFG, Inc. for J.R. Simplot Company, Pocatello, Idaho, July 2003.
- MFG, 2003b. Field Sampling Plan for Smoky Canyon Mine Area A Site Investigation, prepared by MFG, Inc. for the J.R. Simplot Company, Pocatello, Idaho, August 2003.
- Newfields, 2005. Final Site Investigation Report for Smoky Canyon Mine Area A, prepared by Newfields Boulder, LLC for J.R. Simplot Company, Pocatello, Idaho, July 2005.

**Table 3. Surface Water Flow and Selenium Concentration Data for Water Samples Collected
May-June 2006**

Station ID	Location Description	Sample ID	Sample Date	Flow cfs	Selenium-TR mg/L	Selenium-D mg/L
Smoky Canyon Mine Surface Water Quality Monitoring						
UR-3	Upper Roberts Ck	'UR-3-052106-01	5/21/2006	0.54	0.00021	0.00021
UT	Upper Tygee Ck	'UT-1-052106-01	5/21/2006	0.52	0.00035	0.00035
ET	East Tygee Ck	'ET-052106-01	5/21/2006	1.55	0.00093	0.0012
LT3	Lower Tygee Ck	'LT3-052106-01	5/21/2006	1.53	0.0012	0.00094
USm	Upper Smoky Ck	'USM-052206-01	5/22/2006	3.52	<0.0002	<0.0002
MSm	Middle Smoky Ck	'MSM-052206-01	5/22/2006	0.61	0.00061	0.00049
LSmS	Lower Smoky Spring	'LSMS-052206-01	5/22/2006	2.12	0.00026	0.0002
LSm	Lower Smoky Ck	'LSM-052206-01	5/22/2006	3.53	0.00026	0.0002
UP	Upper Pole Canyon Ck	'UP-RASW-052106-01	5/21/2006	--	0.00081	---
UP	Upper Pole Canyon Ck	'UP-052106-01	5/21/2006	--	0.0004	0.00035
LP	Lower Pole Canyon CK	'LP-052106-01	5/21/2006	4.97	0.936	0.928
LP-1	Lower Pole Canyon discharge	'LP-1-052106-01	5/21/2006	8.38	0.992	---
LP-1	Lower Pole Canyon discharge	'LP1-SW1-1009	6/22/2006	--	0.682	0.628
US	Upper Sage Ck	'US-052206-01	5/22/2006	--	0.00042	0.00021
LS	Lower Sage Ck	'LS-052206-01	5/22/2006	47.03	0.00034	0.0005
HS	Hoopes Spring	'HS-SW1-963	5/17/2006	--	0.0189	0.0169
HS	Hoopes Spring	'HS-RASW-052206-01	5/22/2006	3.39	0.0163	---
HS	Hoopes Spring	'HS-052206-01	5/22/2006	3.39	0.0162	0.0173
HS	Hoopes Spring	'HS-SW1-1010	6/22/2006	--	0.0171	0.0168
HS2	Hoopes Spring, below flume	'HS2-SW1-965	5/17/2006	--	0.0142	0.014
HS-A1	Hoopes Spring, A1	'HSA1-SW1-961	5/17/2006	--	0.0079	0.0073
HS-A2	Hoopes Spring, A2	'HSA2-SW1-962	5/17/2006	--	0.0067	0.006
HS-C1	Hoopes Spring, C1	'HSC1-SW1-964	5/17/2006	--	0.0168	0.014
USS	Upper South Fork Sage Ck	'USS-052306-01	5/23/2006	--	<0.0002	<0.0002
LSS-SP	S. Fork Sage Ck springs	'SW-SFSC-800-052206	5/22/2006	--	0.002	---
LSS	Lower South Fork Sage Ck	'LSS-052206-01	5/22/2006	23.6	0.0019	0.002
LSV-1	Lower Sage Valley 1	'LSV1-RASW-052106-0	5/21/2006	--	0.0336	0.0166
LSV-1	Lower Sage Valley 1	'LSV1-SW1-1011	6/22/2006	--	0.0089	0.0087
LSV-2	Lower Sage Valley 2	'LSV2-RASW-052106-0	5/21/2006	--	0.0252	---
LSV-2	Lower Sage Valley 2	'LSV2-SW1-1012	6/22/2006	--	0.0084	0.0076
LSV-3	Lower Sage Valley 3	'LSV3-RASW-052106-0	5/21/2006	52.33	0.0232	0.0166
LSV-3	Lower Sage Valley 3	'LSV3-SW1-1013	6/22/2006	--	0.0067	0.0065
LSV-4	Lower Sage Valley 4	'LSV 4-BSW-052106-0	5/21/2006	--	0.013	---
LSV-4	Lower Sage Valley 4	'LSV4-RASW-052106-0	5/21/2006	--	0.0146	---
LSV-4	Lower Sage Valley 4	'LSV4-SW1-1014	6/22/2006	--	0.0065	0.0065
CC-2	Crow Ck above Sage Ck	'CC-2-052306-01	5/23/2006	83.72	0.0015	---
CC-1	Crow Ck downstream of Sage Ck	'SW-CC-500-052306-0	5/23/2006	139.85	0.0054	---
CC-3	Crow Ck downstream (3 mi)	'CC-3-052306-01	5/23/2006	144.54	0.0052	---
Panels F and G Surface Water Quality Monitoring						
SW-CC-100	Crow Ck	'SW-CC-100-052506-0	5/25/2006	29.05	0.00067	---
SW-CC-300	Crow Ck	'SW-CC-300-052306-0	5/23/2006	83.72	0.0011	---
SW-CC-500	Crow Ck downstream of Sage Ck	'SW-CC-500-052306-0	5/23/2006	139.85	0.0054	---
SW-DC-400	Deer Ck	'SW-DC-400-052406-0	5/24/2006	22.6	0.0007	---
SW-DC-500	Deer Ck	'SW-DC-500-052406-0	5/24/2006	20.39	0.00083	---
SW-DC-600	Deer Ck	'SW-DC-600-052506-0	5/25/2006	30.72	0.001	---
SW-NFDC-200	North Fork Deer Ck	'SW-NFDC-200-052406	5/24/2006	0.74	0.0019	---
SW-NFDC-900	North Fork Deer Ck	'SW-NFDC-900-052406	5/24/2006	7.13	0.0012	---
SW-SFDC-300	South Fork Deer Ck	'SW-SFDC-300-052506	5/25/2006	3.88	0.00037	---
SW-SFSC-500	South Fork Sage Ck	'SW-SFSC-500-052306	5/23/2006	10.48	<0.0002	---
SW-SFSC-800	S. Fork Sage Ck springs	'SW-SFSC-800-052206	5/22/2006	--	0.002	---
SW-WC-800	Wells Canyon	'SW-WC-800-052506-0	5/25/2006	0.49	0.00081	---
SP-BOOKS	Books Spring	'SP-BOOKS-052506-01	5/25/2006	1.88	0.00067	---
SP-DC-350	Spring in Deer Ck	'SP-DC-350-052406-0	5/24/2006	--	0.001	---
SP-MC-300	Spring in Manning Ck	'SP-MC-300-052306-0	5/23/2006	0.27	0.00023	---
SP-REIDE	Reide springs	'SP-REIDE-052506-01	5/25/2006	--	0.00087	---
SP-UTDC-700	Spring in upper Deer Ck	'SP-UTDC-700-052406	5/24/2006	--	0.0078	---
SP-UTDC-800	Spring in upper Deer Ck	'SP-UTDC-800-052406	5/24/2006	--	0.00067	---
SP-UTNFDC-540	Spring in upper N. Fork Deer Ck	'SP-UTNFDC-540-0524	5/24/2006	0.23	0.0086	---
SP-WC-400	Spring in Wells Canyon	'SP-WC-400-052506-0	5/25/2006	0.23	0.0034	---
SP-WC-750	Spring in Wells Canyon	'SP-WC-750-052506-0	5/25/2006	--	0.0007	---

**Table 3. Surface Water Flow and Selenium Concentration Data for Water Samples Collected
May-June 2006**

Station ID	Location Description	Sample ID	Sample Date	Flow cfs	Selenium-TR mg/L	Selenium-D mg/L
Groundwater Monitoring						
GW-CO	Consent Order well	'06-123-C001	5/3/2006	---	---	0.0037
GW-CW	Culinary well	'06-091-CW02-D	4/1/2006	---	---	0.0288
GW-CW	Culinary well	'06-099-CW02-D	4/9/2006	---	---	0.037
GW-CW	Culinary well	'06-123-CW02	5/3/2006	---	---	0.0431
GW-IW	Industrial well	'06-099-IW02-D	4/9/2006	---	---	0.0131
GW-15	Alluvial well, lower Pole Canyon	'GW15-GW1-960	5/16/2006	---	1.48	1.43
GW-16	Wells Fm well, lower Pole Canyon	'GW16-GW1-976	5/19/2006	---	0.822	0.7
GW-18	Wells Fm well, near Hoopes Spring	'GW18-GW1-968	5/17/2006	---	0.0045	0.0044
GW-19	Alluvial well, Sage Valley	'GW19B-GW1-981	5/22/2006	---	0.00094	0.00088
GW-20	Alluvial well, Sage Valley	'GW20-GW1-980	5/22/2006	---	0.00058	0.00059
GW-22	Alluvial well, Sage Valley	'GW22-GW1-967	5/17/2006	---	0.0461	0.044
DC-MW-5	Wells Fm well, Deer Creek	'DCMW5-GW1-1006	6/22/2006	---	0.0106	---
MC-MW-1	Wells Fm well, S. Fork Sage Creek	'MCMW1-GW1-979	5/19/2006	---	0.00037	0.00034
MC-MW-5	Phosphoria Fm well, Manning Ck	'MCMW5-GW1-1007	6/22/2006	---	0.0171	---

GYC 2005 Data

TECHNICAL REPORT

Sum-950

Client: Greater Yellowstone Coalition

Purchase Order No.: 42-02

RTI Project No.: 08973.002.009

Date: 5/14/05

By:

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SCM-950

Table 1
Sample Results
(ug/L)

Sample	Result
GYC-1	3.04
GYC-2	417
GYC-3	0.698
GYC-4	2.85
GYC-5	1.21
GYC-6	4.58
GYC-7	2.09
GYC-8	2.03
Detection Limit	0.150

Table 2
Representative Quality Control

Element	Detection Limit (ug/L)	Calibration Correlation Coefficient	Sample Spike Recovery ^a	Sample Duplicate %RSD ^b	Digestion Blank	Digestion Blank Spike ^c
Se	0.150	>0.9999	101%	2	<DL	104%

^a % Recovery for sample GYC-3 spiked at 50.0 ug/L.

^b %RSD for duplicate preparations of sample GYC-1.

^c % Recovery for blank spiked at 50.0 ug/L.

Sum 950

2005 GYC Collection Sites

Blackfoot River Watershed - BlkFt

- GYC1** **Angus Creek** approximately 0.17 mile west of FS Road # 102 near the confluence with the Blackfoot River – N42°49'42.2" / W111°20'00.43"
- GYC2** **Mill Creek** approximately 0.68 miles due south of FS Road #102 along section line fence that separates state section 16 from private land in section 15 – N42°48'4.73" / W111°18'6.38"
- GYC9** **Blackfoot River** at Blackfoot River County Park, China Hat, ID near intersection of State Highway 34 and Blackfoot River Road – N42°49.288' / W111°33.186'. (No water quality samples were taken at this site in April 05).

Salt River Watershed - SR

- GYC3** **Smoky Creek** in Section 17 downstream of Smoky Canyon Mine at approximately 240 feet east of FS Road 110 (Smoky Canyon Road) – N42°43'4.50" / W111°6'1.6"
- GYC4** **Deer Creek** approximately 0.10 miles west of the fence line between Riede's and FS on FS managed land. N42°35'00.98" / W111°08'6.69" -
- GYC5** **Crow Creek**, above Sage Creek, approximately 200 feet east of the Crow Creek Road (FS Road 111) – N42°35'26.9" / W111°7'6.7"
- GYC6** **Sage Creek** on Kennington Ranch approximately 150 feet downstream and east of Crow Creek Road – N42°37'1.8" / W111°6'0.47"
- GYC7** **Crow Creek** on Hartman Ranch just off the entrance road from Crow Creek Road – N42°37'6.09" / W111°5'1.57"
- GYC8** **Crow Creek** on Hartman Ranch just off the entrance road from Crow Creek Road – N42°37'6.09" / W111°5'1.57" – this was the site for a duplicate water sample for control purposes.

**2005 Water Monitoring Data
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2005 Water Monitoring Data Collected by Newfields for Simplot

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
ES-3	ES-3	Seep	9/19/2005	160.1	TDS	1991	mg/L	4.4	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Nickel,	0.135	mg/L	0.0014	MDL	
ES-3	ES-3	Seep	9/19/2005	353.2	Nitrate +	0.35	mg/L	0.011	MDL	
ES-3	ES-3	Seep	9/19/2005	365.2	Orthophosp	0.04	mg/L	0.0077	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Potassium,	2.72	mg/L	0.0753	MDL	
ES-3	ES-3	Seep	9/19/2005	3114C	Selenium,	3.13	mg/L	0.1	MDL	
ES-3	ES-3	Seep	9/19/2005	3114C	Selenium,	2.94	mg/L	0.1	MDL	
ES-3	ES-3	Seep	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
ES-3	ES-3	Seep	9/19/2005	200.7	Manganese	0.552	mg/L	0.0006	MDL	
ES-3	ES-3	Seep	9/19/2005	300	Sulfate (as	1056	mg/L	7	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Magnesium,	62.8	mg/L	0.0068	MDL	
ES-3	ES-3	Seep	9/19/2005	1030E	TDS	1300	mg/L	0.1	MDL	
ES-3	ES-3	Seep	9/19/2005	415.1	TOC	3.8	mg/L	0.22	MDL	
ES-3	ES-3	Seep	9/19/2005	160.2	TSS	7	mg/L	2.6	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Vanadium,	0.0117	mg/L	0.0004	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Zinc,	0.212	mg/L	0.0002	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Sodium,	12.5	mg/L	0.0142	MDL	
ES-3	ES-3	Seep	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
ES-3	ES-3	Seep	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
ES-3	ES-3	Seep	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
ES-3	ES-3	Seep	9/19/2005	-9999.99	Sum of	29.8	meq/L	0.01	MDL	
ES-3	ES-3	Seep	9/19/2005	200.8	Arsenic,	0.0028	mg/L	0.000034	MDL	B
ES-3	ES-3	Seep	9/19/2005	200.7	Barium,	0.058	mg/L	0.0003	MDL	
ES-3	ES-3	Seep	9/19/2005	200.8	Cadmium,	0.0017	mg/L	0.000015	MDL	B
ES-3	ES-3	Seep	9/19/2005	200.7	Calcium,	480	mg/L	0.0057	MDL	
ES-3	ES-3	Seep	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
ES-3	ES-3	Seep	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
ES-3	ES-3	Seep	9/19/2005	300	Chloride	30.5	mg/L	0.026	MDL	
ES-3	ES-3	Seep	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
ES-3	ES-3	Seep	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
ES-3	ES-3	Seep	9/19/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
ES-3	ES-3	Seep	9/19/2005	2340B	Hardness,	1460	mg/L	0.0002	MDL	
ES-3	ES-3	Seep	9/19/2005	2320B	Bicarbonate	347	mg/L	0.42	MDL	
ES-3	ES-3	Seep	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
ES-3	ES-3	Seep	9/19/2005	200.7	Iron,	0.0133	mg/L	0.0031	MDL	B
ES-3	ES-3	Seep	9/19/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
ES-3	ES-3	Seep	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
ES-3	ES-3	Seep	9/19/2005	2320B	Alkalinity	347	mg/L	0.42	MDL	
ES-4	ES-4	Seep	9/19/2005	2320B	Alkalinity	344	mg/L	0.42	MDL	
ES-4	ES-4	Seep	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
ES-4	ES-4	Seep	9/19/2005	350.1	Ammonia	0.06	mg/L	0.0036	MDL	
ES-4	ES-4	Seep	9/19/2005	200.7	Barium,	0.108	mg/L	0.0003	MDL	
ES-4	ES-4	Seep	9/19/2005	200.7	Zinc,	0.00028	mg/L	0.0002	MDL	B
ES-4	ES-4	Seep	9/19/2005	3114C	Selenium,	0.00052	mg/L	0.0002	MDL	B
ES-4	ES-4	Seep	9/19/2005	3114C	Selenium,	0.00062	mg/L	0.0002	MDL	B
ES-4	ES-4	Seep	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	B
ES-4	ES-4	Seep	9/19/2005	200.7	Sodium,	6.52	mg/L	0.0142	MDL	
ES-4	ES-4	Seep	9/19/2005	300	Sulfate (as	21.2	mg/L	0.14	MDL	
ES-4	ES-4	Seep	9/19/2005	160.1	TDS	531	mg/L	4.4	MDL	
ES-4	ES-4	Seep	9/19/2005	1030E	TDS	296	mg/L	0.1	MDL	
ES-4	ES-4	Seep	9/19/2005	415.1	TOC	5	mg/L	0.22	MDL	
ES-4	ES-4	Seep	9/19/2005	-9999.99	Sum of	9.42	meq/L	0.01	MDL	
ES-4	ES-4	Seep	9/19/2005	200.7	Vanadium,	0.0026	mg/L	0.0004	MDL	B
ES-4	ES-4	Seep	9/19/2005	353.2	Nitrate +	4.09	mg/L	0.011	MDL	
ES-4	ES-4	Seep	9/19/2005	160.2	TSS	42	mg/L	2.6	MDL	
ES-4	ES-4	Seep	9/19/2005	2340B	Hardness,	426	mg/L	0.0002	MDL	
ES-4	ES-4	Seep	9/19/2005	200.8	Cadmium,	0.00012	mg/L	0.000015	MDL	B
ES-4	ES-4	Seep	9/19/2005	200.7	Calcium,	144	mg/L	0.0057	MDL	
ES-4	ES-4	Seep	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
ES-4	ES-4	Seep	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
ES-4	ES-4	Seep	9/19/2005	300	Chloride	64.2	mg/L	0.65	MDL	
ES-4	ES-4	Seep	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
ES-4	ES-4	Seep	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
ES-4	ES-4	Seep	9/19/2005	200.7	Potassium,	4.19	mg/L	0.0753	MDL	
ES-4	ES-4	Seep	9/19/2005	300	Fluoride	0.229	mg/L	0.022	MDL	
ES-4	ES-4	Seep	9/19/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
ES-4	ES-4	Seep	9/19/2005	2320B	Bicarbonate	344	mg/L	0.42	MDL	
ES-4	ES-4	Seep	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
ES-4	ES-4	Seep	9/19/2005	200.7	Iron,	0.0081	mg/L	0.0031	MDL	B

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
ES-4	ES-4	Seep	9/19/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
ES-4	ES-4	Seep	9/19/2005	200.7	Magnesium,	16.2	mg/L	0.0068	MDL	
ES-4	ES-4	Seep	9/19/2005	200.7	Manganese	0.162	mg/L	0.0006	MDL	
ES-4	ES-4	Seep	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
ES-4	ES-4	Seep	9/19/2005	200.7	Nickel,	0.0041	mg/L	0.0014	MDL	B
ES-4	ES-4	Seep	9/19/2005	200.8	Arsenic,	0.0014	mg/L	0.000034	MDL	B
ES-4	ES-4	Seep	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
ES-5	ES-5	Seep	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
ES-5	ES-5	Seep	9/19/2005	160.1	TDS	1602	mg/L	4.4	MDL	
ES-5	ES-5	Seep	9/19/2005	1030E	TDS	969	mg/L	0.1	MDL	
ES-5	ES-5	Seep	9/19/2005	415.1	TOC	9.4	mg/L	0.22	MDL	
ES-5	ES-5	Seep	9/19/2005	160.2	TSS	13	mg/L	2.6	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Vanadium,	0.0109	mg/L	0.0004	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Zinc,	0.0655	mg/L	0.0002	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Sodium,	9.12	mg/L	0.0142	MDL	
ES-5	ES-5	Seep	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	B
ES-5	ES-5	Seep	9/19/2005	200.7	Magnesium,	54.2	mg/L	0.0068	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Chromium,	0.0023	mg/L	0.0003	MDL	B
ES-5	ES-5	Seep	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
ES-5	ES-5	Seep	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
ES-5	ES-5	Seep	9/19/2005	300	Fluoride	0.124	mg/L	0.022	MDL	
ES-5	ES-5	Seep	9/19/2005	2340B	Hardness,	1120	mg/L	0.0002	MDL	
ES-5	ES-5	Seep	9/19/2005	2320B	Bicarbonate	283	mg/L	0.42	MDL	
ES-5	ES-5	Seep	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
ES-5	ES-5	Seep	9/19/2005	300	Sulfate (as	771	mg/L	3.5	MDL	
ES-5	ES-5	Seep	9/19/2005	200.8	Lead,	0.00021	mg/L	0.000044	MDL	B
ES-5	ES-5	Seep	9/19/2005	200.7	Manganese	0.0998	mg/L	0.0006	MDL	
ES-5	ES-5	Seep	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
ES-5	ES-5	Seep	9/19/2005	200.7	Nickel,	0.0246	mg/L	0.0014	MDL	
ES-5	ES-5	Seep	9/19/2005	353.2	Nitrate +	14.22	mg/L	0.011	MDL	
ES-5	ES-5	Seep	9/19/2005	365.2	Orthophosp	0.08	mg/L	0.0077	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Potassium,	13.3	mg/L	0.0753	MDL	
ES-5	ES-5	Seep	9/19/2005	3114C	Selenium,	11.4	mg/L	1	MDL	
ES-5	ES-5	Seep	9/19/2005	3114C	Selenium,	15	mg/L	0.4	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Iron,	0.0102	mg/L	0.0031	MDL	B
ES-5	ES-5	Seep	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
ES-5	ES-5	Seep	9/19/2005	300	Chloride	13.9	mg/L	0.026	MDL	
ES-5	ES-5	Seep	9/19/2005	2320B	Alkalinity	283	mg/L	0.42	MDL	
ES-5	ES-5	Seep	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
ES-5	ES-5	Seep	9/19/2005	350.1	Ammonia	0.12	mg/L	0.0036	MDL	
ES-5	ES-5	Seep	9/19/2005	-9999.99	Sum of	23.12	meq/L	0.01	MDL	
ES-5	ES-5	Seep	9/19/2005	200.8	Arsenic,	0.0027	mg/L	0.000034	MDL	B
ES-5	ES-5	Seep	9/19/2005	200.7	Barium,	0.0948	mg/L	0.0003	MDL	
ES-5	ES-5	Seep	9/19/2005	200.8	Cadmium,	0.0016	mg/L	0.000015	MDL	B
ES-5	ES-5	Seep	9/19/2005	200.7	Calcium,	361	mg/L	0.0057	MDL	
ET	ET	Tygee Ck	5/18/2005	200.7	Calcium,	73.7	mg/L	0.0072	MDL	
ET	ET	Tygee Ck	5/18/2005	2320B	Alkalinity	251	mg/L	0.42	MDL	
ET	ET	Tygee Ck	5/18/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	B
ET	ET	Tygee Ck	5/18/2005	300	Chloride	8.32	mg/L	0.026	MDL	
ET	ET	Tygee Ck	5/18/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
ET	ET	Tygee Ck	5/18/2005	2320B	Carbonate	14.1	mg/L	0.42	MDL	
ET	ET	Tygee Ck	5/18/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
ET	ET	Tygee Ck	5/18/2005	2340B	Hardness,	256	mg/L	0.042	MDL	
ET	ET	Tygee Ck	5/18/2005	2320B	Bicarbonate	237	mg/L	0.42	MDL	
ET	ET	Tygee Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
ET	ET	Tygee Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
ET	ET	Tygee Ck	5/18/2005	200.8	Arsenic,	0.0017	mg/L	0.00004	MDL	B
ET	ET	Tygee Ck	5/18/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
ET	ET	Tygee Ck	5/18/2005	200.7	Magnesium,	17.4	mg/L	0.0068	MDL	
ET	ET	Tygee Ck	5/18/2005	353.2	Nitrate +	0.02	mg/L	0.024	MDL	U
ET	ET	Tygee Ck	5/18/2005	3114C	Selenium,	0.001	mg/L	0.0002	MDL	B
ET	ET	Tygee Ck	5/18/2005	3114C	Selenium,	0.001	mg/L	0.0002	MDL	B
ET	ET	Tygee Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
ET	ET	Tygee Ck	5/18/2005	200.7	Sodium,	8.75	mg/L	0.0142	MDL	
ET	ET	Tygee Ck	5/18/2005	300	Sulfate (as	18.7	mg/L	0.07	MDL	
ET	ET	Tygee Ck	5/18/2005	160.1	TDS	267	mg/L	5.7	MDL	
ET	ET	Tygee Ck	5/18/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
ET	ET	Tygee Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
ET	ET	Tygee Ck	5/18/2005	160.2	TSS	22	mg/L	3.7	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
ET	ET	Tygee Ck	9/20/2005	160.2	TSS	27	mg/L	2.6	MDL	
ET	ET	Tygee Ck	9/20/2005	200.7	Magnesium,	25	mg/L	0.0068	MDL	
ET	ET	Tygee Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
ET	ET	Tygee Ck	9/20/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
ET	ET	Tygee Ck	9/20/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
ET	ET	Tygee Ck	9/20/2005	3114C	Selenium,	0.00054	mg/L	0.0002	MDL	B
ET	ET	Tygee Ck	9/20/2005	3114C	Selenium,	0.00055	mg/L	0.0002	MDL	B
ET	ET	Tygee Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
ET	ET	Tygee Ck	9/20/2005	200.7	Sodium,	9.92	mg/L	0.0142	MDL	
ET	ET	Tygee Ck	9/20/2005	160.1	TDS	330	mg/L	4.4	MDL	
ET	ET	Tygee Ck	9/20/2005	2320B	Bicarbonate	306	mg/L	0.42	MDL	
ET	ET	Tygee Ck	9/20/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
ET	ET	Tygee Ck	9/20/2005	300	Sulfate (as	20.1	mg/L	0.07	MDL	
ET	ET	Tygee Ck	9/20/2005	2320B	Alkalinity	306	mg/L	0.42	MDL	
ET	ET	Tygee Ck	9/20/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
ET	ET	Tygee Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
ET	ET	Tygee Ck	9/20/2005	200.8	Arsenic,	0.002	mg/L	0.000034	MDL	B
ET	ET	Tygee Ck	9/20/2005	200.8	Cadmium,	0.00004	mg/L	0.000015	MDL	B
ET	ET	Tygee Ck	9/20/2005	200.7	Calcium,	74	mg/L	0.0057	MDL	
ET	ET	Tygee Ck	9/20/2005	300	Chloride	8.95	mg/L	0.026	MDL	
ET	ET	Tygee Ck	9/20/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
ET	ET	Tygee Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
ET	ET	Tygee Ck	9/20/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
ET	ET	Tygee Ck	9/20/2005	2340B	Hardness,	288	mg/L	0.0002	MDL	
HS	HS	Hoopes	5/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	U
HS	HS	Hoopes	5/19/2005	3114C	Selenium,	0.0145	mg/L	0.0002	MDL	
HS	HS	Hoopes	5/19/2005	3114C	Selenium,	0.0148	mg/L	0.0002	MDL	
HS	HS	Hoopes	5/19/2005	200.8	Silver,	0.00001	mg/L	0.000001	MDL	U
HS	HS	Hoopes	5/19/2005	200.7	Sodium,	7.94	mg/L	0.0149	MDL	
HS	HS	Hoopes	5/19/2005	300	Sulfate (as	45.4	mg/L	0.35	MDL	
HS	HS	Hoopes	5/19/2005	160.1	TDS	259	mg/L	5.7	MDL	
HS	HS	Hoopes	5/19/2005	160.2	TSS	5	mg/L	3.7	MDL	U
HS	HS	Hoopes	5/19/2005	200.7	Zinc,	0.0012	mg/L	0.0012	MDL	U
HS	HS	Hoopes	5/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
HS	HS	Hoopes	5/19/2005	353.2	Nitrate +	0.2	mg/L	0.024	MDL	
HS	HS	Hoopes	5/19/2005	200.7	Chromium,	0.0004	mg/L	0.0004	MDL	U
HS	HS	Hoopes	5/19/2005	2320B	Alkalinity	198	mg/L	0.42	MDL	
HS	HS	Hoopes	5/19/2005	200.8	Arsenic,	0.00052	mg/L	0.00004	MDL	B
HS	HS	Hoopes	5/19/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	U
HS	HS	Hoopes	5/19/2005	300	Chloride	8.28	mg/L	0.026	MDL	
HS	HS	Hoopes	5/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
HS	HS	Hoopes	5/19/2005	200.7	Copper,	0.0026	mg/L	0.0026	MDL	U
HS	HS	Hoopes	5/19/2005	2340B	Hardness,	246	mg/L	0.06	MDL	
HS	HS	Hoopes	5/19/2005	2320B	Bicarbonate	198	mg/L	0.42	MDL	
HS	HS	Hoopes	5/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
HS	HS	Hoopes	5/19/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
HS	HS	Hoopes	5/19/2005	200.7	Magnesium,	23.2	mg/L	0.0102	MDL	
HS	HS	Hoopes	5/19/2005	200.7	Calcium,	60.2	mg/L	0.0072	MDL	
HS	HS	Hoopes	5/19/2005	200.7	Nickel,	0.0024	mg/L	0.0016	MDL	B
HS	HS	Hoopes	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
HS	HS	Hoopes	9/19/2005	300	Fluoride	0.384	mg/L	0.022	MDL	
HS	HS	Hoopes	9/19/2005	2340B	Hardness,	233	mg/L	0.0002	MDL	
HS	HS	Hoopes	9/19/2005	2320B	Bicarbonate	200	mg/L	0.42	MDL	
HS	HS	Hoopes	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
HS	HS	Hoopes	9/19/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Manganese	0.0032	mg/L	0.0006	MDL	B
HS	HS	Hoopes	9/19/2005	300	Chloride	7.4	mg/L	0.026	MDL	
HS	HS	Hoopes	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
HS	HS	Hoopes	9/19/2005	353.2	Nitrate +	0.15	mg/L	0.011	MDL	
HS	HS	Hoopes	9/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	
HS	HS	Hoopes	9/19/2005	200.7	Potassium,	0.636	mg/L	0.0753	MDL	
HS	HS	Hoopes	9/19/2005	3114C	Selenium,	0.0129	mg/L	0.0002	MDL	
HS	HS	Hoopes	9/19/2005	3114C	Selenium,	0.0135	mg/L	0.0002	MDL	
HS	HS	Hoopes	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Sodium,	7.66	mg/L	0.0142	MDL	
HS	HS	Hoopes	9/19/2005	200.7	Magnesium,	21.9	mg/L	0.0068	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
HS	HS	Hoopes	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
HS	HS	Hoopes	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
HS	HS	Hoopes	9/19/2005	2320B	Alkalinity	200	mg/L	0.42	MDL	
HS	HS	Hoopes	9/19/2005	1030E	TDS	172	mg/L	0.1	MDL	
HS	HS	Hoopes	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
HS	HS	Hoopes	9/19/2005	-9999.99	Sum of	5.15	meq/L	0.01	MDL	
HS	HS	Hoopes	9/19/2005	200.8	Arsenic,	0.00061	mg/L	0.000034	MDL	B
HS	HS	Hoopes	9/19/2005	200.7	Barium,	0.0447	mg/L	0.0003	MDL	
HS	HS	Hoopes	9/19/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Calcium,	57.1	mg/L	0.0057	MDL	
HS	HS	Hoopes	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
HS	HS	Hoopes	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
HS	HS	Hoopes	9/19/2005	300	Sulfate (as	43.8	mg/L	0.35	MDL	
HS	HS	Hoopes	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
HS	HS	Hoopes	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
HS	HS	Hoopes	9/19/2005	200.7	Vanadium,	0.0014	mg/L	0.0004	MDL	B
HS	HS	Hoopes	9/19/2005	200.7	Zinc,	0.0003	mg/L	0.0002	MDL	B
HS	HS	Hoopes	9/19/2005	160.1	TDS	244	mg/L	4.4	MDL	
LP	LP	Pole Ck	5/18/2005	160.2	TSS	51	mg/L	3.7	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Zinc,	0.511	mg/L	0.0002	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Sodium,	4.07	mg/L	0.0142	MDL	
LP	LP	Pole Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LP	LP	Pole Ck	5/18/2005	2320B	Alkalinity	231	mg/L	0.42	MDL	
LP	LP	Pole Ck	5/18/2005	200.8	Arsenic,	0.0012	mg/L	0.00004	MDL	B
LP	LP	Pole Ck	5/18/2005	200.8	Cadmium,	0.0095	mg/L	0.00002	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Calcium,	167	mg/L	0.0072	MDL	
LP	LP	Pole Ck	5/18/2005	300	Chloride	2.86	mg/L	0.026	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Chromium,	0.00062	mg/L	0.0003	MDL	B
LP	LP	Pole Ck	5/18/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LP	LP	Pole Ck	5/18/2005	200.7	Copper,	0.0021	mg/L	0.0012	MDL	B
LP	LP	Pole Ck	5/18/2005	2340B	Hardness,	531	mg/L	0.042	MDL	
LP	LP	Pole Ck	5/18/2005	160.1	TDS	665	mg/L	5.7	MDL	
LP	LP	Pole Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LP	LP	Pole Ck	5/18/2005	300	Sulfate (as	290	mg/L	1.75	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Magnesium,	27.8	mg/L	0.0068	MDL	
LP	LP	Pole Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LP	LP	Pole Ck	5/18/2005	200.7	Nickel,	0.133	mg/L	0.0014	MDL	
LP	LP	Pole Ck	5/18/2005	353.2	Nitrate +	0.1	mg/L	0.024	MDL	
LP	LP	Pole Ck	5/18/2005	365.2	Orthophosp	0.018	mg/L	0.0077	MDL	
LP	LP	Pole Ck	5/18/2005	3114C	Selenium,	1.29	mg/L	0.02	MDL	
LP	LP	Pole Ck	5/18/2005	3114C	Selenium,	1.32	mg/L	0.02	MDL	
LP	LP	Pole Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LP	LP	Pole Ck	5/18/2005	2320B	Bicarbonate	231	mg/L	0.42	MDL	
LP	LP	Pole Ck	5/18/2005	160.2	TSS	155	mg/L	3.7	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Sodium,	4.07	mg/L	0.0142	MDL	
LP	LP	Pole Ck	5/18/2005	300	Sulfate (as	287	mg/L	1.75	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Zinc,	0.537	mg/L	0.0002	MDL	
LP	LP	Pole Ck	5/18/2005	160.1	TDS	670	mg/L	5.7	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Chromium,	0.00067	mg/L	0.0003	MDL	B
LP	LP	Pole Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	B
LP	LP	Pole Ck	5/18/2005	200.7	Copper,	0.0022	mg/L	0.0012	MDL	B
LP	LP	Pole Ck	5/18/2005	2320B	Bicarbonate	232	mg/L	0.42	MDL	
LP	LP	Pole Ck	5/18/2005	2320B	Alkalinity	232	mg/L	0.42	MDL	
LP	LP	Pole Ck	5/18/2005	200.8	Arsenic,	0.0012	mg/L	0.00004	MDL	B
LP	LP	Pole Ck	5/18/2005	200.8	Cadmium,	0.0098	mg/L	0.00002	MDL	
LP	LP	Pole Ck	5/18/2005	200.7	Calcium,	164	mg/L	0.0072	MDL	
LP	LP	Pole Ck	5/18/2005	300	Chloride	3.01	mg/L	0.026	MDL	
LP	LP	Pole Ck	5/18/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LP	LP	Pole Ck	5/18/2005	2340B	Hardness,	524	mg/L	0.042	MDL	
LP	LP	Pole Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LP	LP	Pole Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LP	LP	Pole Ck	5/18/2005	200.7	Magnesium,	27.8	mg/L	0.0068	MDL	
LP	LP	Pole Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LP	LP	Pole Ck	5/18/2005	200.7	Nickel,	0.133	mg/L	0.0014	MDL	
LP	LP	Pole Ck	5/18/2005	353.2	Nitrate +	0.1	mg/L	0.024	MDL	
LP	LP	Pole Ck	5/18/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LP	LP	Pole Ck	5/18/2005	3114C	Selenium,	1.27	mg/L	0.02	MDL	
LP	LP	Pole Ck	5/18/2005	3114C	Selenium,	1.33	mg/L	0.02	MDL	
LP	LP	Pole Ck	9/20/2005	200.8	Lead,	0.00016	mg/L	0.000044	MDL	B

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LP	LP	Pole Ck	9/20/2005	2320B	Bicarbonate	295	mg/L	0.42	MDL	
LP	LP	Pole Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LP	LP	Pole Ck	9/20/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
LP	LP	Pole Ck	9/20/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LP	LP	Pole Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LP	LP	Pole Ck	9/20/2005	200.7	Copper,	0.0013	mg/L	0.0012	MDL	B
LP	LP	Pole Ck	9/20/2005	300	Fluoride	0.331	mg/L	0.022	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Magnesium,	30.2	mg/L	0.0068	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Manganese	0.00096	mg/L	0.0006	MDL	B
LP	LP	Pole Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LP	LP	Pole Ck	9/20/2005	1030E	TDS	471	mg/L	0.1	MDL	
LP	LP	Pole Ck	9/20/2005	353.2	Nitrate +	0.07	mg/L	0.011	MDL	
LP	LP	Pole Ck	9/20/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Potassium,	1.33	mg/L	0.0753	MDL	
LP	LP	Pole Ck	9/20/2005	3114C	Selenium,	0.926	mg/L	0.02	MDL	
LP	LP	Pole Ck	9/20/2005	3114C	Selenium,	0.94	mg/L	0.02	MDL	
LP	LP	Pole Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LP	LP	Pole Ck	9/20/2005	200.7	Sodium,	4.5	mg/L	0.0142	MDL	
LP	LP	Pole Ck	9/20/2005	300	Sulfate (as	292	mg/L	0.7	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Nickel,	0.131	mg/L	0.0014	MDL	
LP	LP	Pole Ck	9/20/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LP	LP	Pole Ck	9/20/2005	200.7	Zinc,	0.536	mg/L	0.0002	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Vanadium,	0.0034	mg/L	0.0004	MDL	B
LP	LP	Pole Ck	9/20/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LP	LP	Pole Ck	9/20/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LP	LP	Pole Ck	9/20/2005	2340B	Hardness,	561	mg/L	0.0002	MDL	
LP	LP	Pole Ck	9/20/2005	160.1	TDS	705	mg/L	4.4	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Chromium,	0.00042	mg/L	0.0003	MDL	B
LP	LP	Pole Ck	9/20/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LP	LP	Pole Ck	9/20/2005	300	Chloride	2	mg/L	0.026	MDL	
LP	LP	Pole Ck	9/20/2005	-9999.99	Sum of	12.05	meq/L	0.01	MDL	
LP	LP	Pole Ck	9/20/2005	200.8	Arsenic,	0.00095	mg/L	0.000034	MDL	B
LP	LP	Pole Ck	9/20/2005	200.7	Barium,	0.022	mg/L	0.0003	MDL	
LP	LP	Pole Ck	9/20/2005	200.8	Cadmium,	0.0119	mg/L	0.000015	MDL	
LP	LP	Pole Ck	9/20/2005	200.7	Calcium,	175	mg/L	0.0057	MDL	
LP	LP	Pole Ck	9/20/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LP	LP	Pole Ck	9/20/2005	2320B	Alkalinity	295	mg/L	0.42	MDL	
LS	LS	Sage Ck	5/19/2005	2320B	Carbonate	4.92	mg/L	0.42	MDL	
LS	LS	Sage Ck	5/19/2005	200.7	Copper,	0.0026	mg/L	0.0026	MDL	U
LS	LS	Sage Ck	5/19/2005	2340B	Hardness,	184	mg/L	0.06	MDL	
LS	LS	Sage Ck	5/19/2005	200.7	Chromium,	0.0004	mg/L	0.0004	MDL	U
LS	LS	Sage Ck	5/19/2005	200.7	Calcium,	54.8	mg/L	0.0072	MDL	
LS	LS	Sage Ck	5/19/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	B
LS	LS	Sage Ck	5/19/2005	300	Chloride	0.994	mg/L	0.026	MDL	
LS	LS	Sage Ck	5/19/2005	2320B	Bicarbonate	171	mg/L	0.42	MDL	
LS	LS	Sage Ck	5/19/2005	200.8	Arsenic,	0.00046	mg/L	0.00004	MDL	B
LS	LS	Sage Ck	5/19/2005	2320B	Alkalinity	176	mg/L	0.42	MDL	
LS	LS	Sage Ck	5/19/2005	200.7	Zinc,	0.0012	mg/L	0.0012	MDL	U
LS	LS	Sage Ck	5/19/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LS	LS	Sage Ck	5/19/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LS	LS	Sage Ck	5/19/2005	200.7	Magnesium,	11.4	mg/L	0.0102	MDL	
LS	LS	Sage Ck	5/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LS	LS	Sage Ck	5/19/2005	200.7	Nickel,	0.0017	mg/L	0.0016	MDL	B
LS	LS	Sage Ck	5/19/2005	353.2	Nitrate +	0.1	mg/L	0.024	MDL	
LS	LS	Sage Ck	5/19/2005	365.2	Orthophosp	0.029	mg/L	0.0077	MDL	
LS	LS	Sage Ck	5/19/2005	3114C	Selenium,	0.00031	mg/L	0.0002	MDL	B
LS	LS	Sage Ck	5/19/2005	200.7	Sodium,	2.46	mg/L	0.0149	MDL	
LS	LS	Sage Ck	5/19/2005	300	Sulfate (as	10.2	mg/L	0.07	MDL	
LS	LS	Sage Ck	5/19/2005	160.1	TDS	204	mg/L	5.7	MDL	
LS	LS	Sage Ck	5/19/2005	160.2	TSS	17	mg/L	3.7	MDL	
LS	LS	Sage Ck	5/19/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	B
LS	LS	Sage Ck	5/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LS	LS	Sage Ck	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LS	LS	Sage Ck	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LS	LS	Sage Ck	9/19/2005	200.8	Arsenic,	0.0005	mg/L	0.000034	MDL	B
LS	LS	Sage Ck	9/19/2005	200.7	Barium,	0.0275	mg/L	0.0003	MDL	
LS	LS	Sage Ck	9/19/2005	200.8	Cadmium,	0.00004	mg/L	0.000015	MDL	B
LS	LS	Sage Ck	9/19/2005	200.7	Calcium,	54.3	mg/L	0.0057	MDL	
LS	LS	Sage Ck	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LS	LS	Sage Ck	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LS	LS	Sage Ck	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LS	LS	Sage Ck	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LS	LS	Sage Ck	9/19/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
LS	LS	Sage Ck	9/19/2005	2340B	Hardness,	192	mg/L	0.0002	MDL	
LS	LS	Sage Ck	9/19/2005	2320B	Bicarbonate	194	mg/L	0.42	MDL	
LS	LS	Sage Ck	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LS	LS	Sage Ck	9/19/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
LS	LS	Sage Ck	9/19/2005	300	Chloride	1.07	mg/L	0.026	MDL	
LS	LS	Sage Ck	9/19/2005	-9999.99	Sum of	4.26	meq/L	0.01	MDL	
LS	LS	Sage Ck	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LS	LS	Sage Ck	9/19/2005	2320B	Alkalinity	194	mg/L	0.42	MDL	
LS	LS	Sage Ck	9/19/2005	200.7	Manganese	0.0278	mg/L	0.0006	MDL	
LS	LS	Sage Ck	9/19/2005	200.8	Lead,	0.00028	mg/L	0.000044	MDL	B
LS	LS	Sage Ck	9/19/2005	200.7	Zinc,	0.0013	mg/L	0.0002	MDL	B
LS	LS	Sage Ck	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LS	LS	Sage Ck	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LS	LS	Sage Ck	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LS	LS	Sage Ck	9/19/2005	353.2	Nitrate +	0.05	mg/L	0.011	MDL	
LS	LS	Sage Ck	9/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	
LS	LS	Sage Ck	9/19/2005	200.7	Potassium,	0.45	mg/L	0.0753	MDL	
LS	LS	Sage Ck	9/19/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LS	LS	Sage Ck	9/19/2005	200.7	Magnesium,	13.7	mg/L	0.0068	MDL	
LS	LS	Sage Ck	9/19/2005	200.7	Sodium,	3.09	mg/L	0.0142	MDL	
LS	LS	Sage Ck	9/19/2005	300	Sulfate (as	16.7	mg/L	0.07	MDL	
LS	LS	Sage Ck	9/19/2005	160.1	TDS	195	mg/L	4.4	MDL	
LS	LS	Sage Ck	9/19/2005	1030E	TDS	134	mg/L	0.1	MDL	
LS	LS	Sage Ck	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LS	LS	Sage Ck	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LS	LS	Sage Ck	9/19/2005	200.7	Vanadium,	0.00043	mg/L	0.0004	MDL	B
LS	LS	Sage Ck	9/19/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	3114C	Selenium,	0.00041	mg/L	0.0002	MDL	B
LSm	LSm	Smoky Ck	5/18/2005	200.7	Sodium,	5.85	mg/L	0.0142	MDL	
LSm	LSm	Smoky Ck	5/18/2005	300	Sulfate (as	21.2	mg/L	0.07	MDL	
LSm	LSm	Smoky Ck	5/18/2005	160.1	TDS	263	mg/L	5.7	MDL	
LSm	LSm	Smoky Ck	5/18/2005	160.2	TSS	19	mg/L	3.7	MDL	
LSm	LSm	Smoky Ck	5/18/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	3114C	Selenium,	0.00039	mg/L	0.0002	MDL	B
LSm	LSm	Smoky Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	2320B	Bicarbonate	196	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	5/18/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	B
LSm	LSm	Smoky Ck	5/18/2005	200.7	Calcium,	64.8	mg/L	0.0072	MDL	
LSm	LSm	Smoky Ck	5/18/2005	300	Chloride	21.1	mg/L	0.13	MDL	
LSm	LSm	Smoky Ck	5/18/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	2320B	Carbonate	5.5	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	5/18/2005	2320B	Alkalinity	202	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	5/18/2005	2340B	Hardness,	234	mg/L	0.042	MDL	
LSm	LSm	Smoky Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	200.7	Magnesium,	17.6	mg/L	0.0068	MDL	
LSm	LSm	Smoky Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	353.2	Nitrate +	0.03	mg/L	0.024	MDL	
LSm	LSm	Smoky Ck	5/18/2005	365.2	Orthophosp	0.017	mg/L	0.0077	MDL	
LSm	LSm	Smoky Ck	5/18/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSm	LSm	Smoky Ck	5/18/2005	200.8	Arsenic,	0.00082	mg/L	0.00004	MDL	B
LSm	LSm	Smoky Ck	7/12/2005	200.7	Magnesium,	17.9	mg/L	0.01	MDL	
LSm	LSm	Smoky Ck	7/12/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Copper,	0.0012	mg/L	0.0032	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	300	Fluoride	0.13	mg/L	0.022	MDL	
LSm	LSm	Smoky Ck	7/12/2005	2340B	Hardness,	217	mg/L	0.06	MDL	
LSm	LSm	Smoky Ck	7/12/2005	2320B	Bicarbonate	204	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	7/12/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSm	LSm	Smoky Ck	7/12/2005	200.7	Manganese	0.0217	mg/L	0.0008	MDL	
LSm	LSm	Smoky Ck	7/12/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Nickel,	0.0014	mg/L	0.0016	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	353.2	Nitrate +	0.03	mg/L	0.02	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LSm	LSm	Smoky Ck	7/12/2005	365.2	Orthophosp	0.03	mg/L	0.0077	MDL	
LSm	LSm	Smoky Ck	7/12/2005	200.7	Potassium,	0.85	mg/L	0.075	MDL	
LSm	LSm	Smoky Ck	7/12/2005	200.7	Iron,	0.0097	mg/L	0.013	MDL	B
LSm	LSm	Smoky Ck	7/12/2005	350.1	Ammonia	0.03	mg/L	0.0096	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Chromium,	0.0003	mg/L	0.0005	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Aluminum,	0.0116	mg/L	0.012	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	300	Chloride	9.77	mg/L	0.052	MDL	
LSm	LSm	Smoky Ck	7/12/2005	-9999.99	Sum of	4.78	meq/L	0.01	MDL	
LSm	LSm	Smoky Ck	7/12/2005	200.8	Arsenic,	0.00064	mg/L	0.000034	MDL	B
LSm	LSm	Smoky Ck	7/12/2005	200.7	Barium,	0.0242	mg/L	0.0004	MDL	
LSm	LSm	Smoky Ck	7/12/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Calcium,	57.2	mg/L	0.0072	MDL	
LSm	LSm	Smoky Ck	7/12/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	2320B	Alkalinity	204	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	7/12/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Zinc,	0.0002	mg/L	0.0016	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	200.7	Sodium,	5.9	mg/L	0.064	MDL	
LSm	LSm	Smoky Ck	7/12/2005	300	Sulfate (as	19.7	mg/L	0.07	MDL	
LSm	LSm	Smoky Ck	7/12/2005	160.1	TDS	223	mg/L	5.7	MDL	
LSm	LSm	Smoky Ck	7/12/2005	1030E	TDS	152	mg/L	0.1	MDL	
LSm	LSm	Smoky Ck	7/12/2005	415.1	TOC	1.3	mg/L	0.22	MDL	
LSm	LSm	Smoky Ck	7/12/2005	200.7	Vanadium,	0.00096	mg/L	0.0009	MDL	B
LSm	LSm	Smoky Ck	7/12/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	7/12/2005	160.2	TSS	15	mg/L	3.7	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2320B	Alkalinity	213	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	9/21/2005	-9999.99	Sum of	4.6	meq/L	0.01	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.8	Arsenic,	0.00031	mg/L	0.000034	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Potassium,	0.58	mg/L	0.0753	MDL	
LSm	LSm	Smoky Ck	9/21/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LSm	LSm	Smoky Ck	9/21/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Manganese	0.004	mg/L	0.0006	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	200.7	Magnesium,	15.7	mg/L	0.0068	MDL	
LSm	LSm	Smoky Ck	9/21/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2340B	Hardness,	202	mg/L	0.0002	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	300	Chloride	0.421	mg/L	0.026	MDL	
LSm	LSm	Smoky Ck	9/21/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSm	LSm	Smoky Ck	9/21/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Calcium,	55.1	mg/L	0.0057	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Barium,	0.0215	mg/L	0.0003	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2320B	Bicarbonate	213	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	9/21/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Sodium,	3.96	mg/L	0.0142	MDL	
LSm	LSm	Smoky Ck	9/21/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Vanadium,	0.0004	mg/L	0.0004	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	1030E	TDS	144	mg/L	0.1	MDL	
LSm	LSm	Smoky Ck	9/21/2005	160.1	TDS	220	mg/L	4.4	MDL	
LSm	LSm	Smoky Ck	9/21/2005	300	Sulfate (as	16	mg/L	0.07	MDL	
LSm	LSm	Smoky Ck	9/21/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	300	Chloride	6.59	mg/L	0.026	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LSm	LSm	Smoky Ck	9/21/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	2320B	Bicarbonate	208	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Calcium,	54.5	mg/L	0.0057	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Iron,	0.0047	mg/L	0.0031	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	200.8	Lead,	0.00006	mg/L	0.000044	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	200.7	Magnesium,	16.8	mg/L	0.0068	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Manganese	0.0262	mg/L	0.0006	MDL	
LSm	LSm	Smoky Ck	9/21/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	
LSm	LSm	Smoky Ck	9/21/2005	2340B	Hardness,	205	mg/L	0.0002	MDL	
LSm	LSm	Smoky Ck	9/21/2005	-9999.99	Cation-		%	0.01	MDL	
LSm	LSm	Smoky Ck	9/21/2005	2320B	Alkalinity	208	mg/L	0.42	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	-9999.99	Sum of	4.76	meq/L	0.01	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.8	Arsenic,	0.00058	mg/L	0.000034	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	200.7	Barium,	0.0229	mg/L	0.0003	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.8	Cadmium,	0.00003	mg/L	0.000015	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Vanadium,	0.0009	mg/L	0.0004	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	3114C	Selenium,	0.00023	mg/L	0.0002	MDL	B
LSm	LSm	Smoky Ck	9/21/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Sodium,	5.75	mg/L	0.0142	MDL	
LSm	LSm	Smoky Ck	9/21/2005	300	Sulfate (as	19.8	mg/L	0.07	MDL	
LSm	LSm	Smoky Ck	9/21/2005	160.1	TDS	236	mg/L	4.4	MDL	
LSm	LSm	Smoky Ck	9/21/2005	1030E	TDS	151	mg/L	0.1	MDL	
LSm	LSm	Smoky Ck	9/21/2005	160.2	TSS	7	mg/L	2.6	MDL	
LSm	LSm	Smoky Ck	9/21/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSm	LSm	Smoky Ck	9/21/2005	200.7	Potassium,	0.689	mg/L	0.0753	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	365.2	Orthophosp	0.018	mg/L	0.0077	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	2340B	Hardness,	259	mg/L	0.042	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	2320B	Bicarbonate	188	mg/L	0.42	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Magnesium,	24.5	mg/L	0.0068	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	353.2	Nitrate +	0.33	mg/L	0.024	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Chromium,	0.0006	mg/L	0.0003	MDL	B
LSmS	LSmS	Smoky Ck	5/18/2005	3114C	Selenium,	0.00042	mg/L	0.0002	MDL	B
LSmS	LSmS	Smoky Ck	5/18/2005	3114C	Selenium,	0.00038	mg/L	0.0002	MDL	B
LSmS	LSmS	Smoky Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Sodium,	6.25	mg/L	0.0142	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	300	Sulfate (as	22.5	mg/L	0.07	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	160.1	TDS	383	mg/L	5.7	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	160.2	TSS	5	mg/L	3.7	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	2320B	Alkalinity	188	mg/L	0.42	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	200.8	Arsenic,	0.0006	mg/L	0.00004	MDL	B
LSmS	LSmS	Smoky Ck	5/18/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	U
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Calcium,	63.3	mg/L	0.0072	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	300	Chloride	50	mg/L	0.26	MDL	
LSmS	LSmS	Smoky Ck	5/18/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	2320B	Bicarbonate	199	mg/L	0.42	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	300	Fluoride	0.121	mg/L	0.022	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Zinc,	0.0002	mg/L	0.0016	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Aluminum,	0.0116	mg/L	0.012	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Manganese	0.0006	mg/L	0.0008	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Nickel,	0.0014	mg/L	0.0016	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	353.2	Nitrate +	0.14	mg/L	0.02	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Potassium,	0.805	mg/L	0.075	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LSmS	LSmS	Smoky Ck	7/12/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Iron,	0.0031	mg/L	0.013	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Sodium,	6.54	mg/L	0.064	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	300	Sulfate (as	21.1	mg/L	0.07	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	160.1	TDS	252	mg/L	5.7	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	1030E	TDS	164	mg/L	0.1	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	160.2	TSS	5	mg/L	3.7	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Vanadium,	0.0004	mg/L	0.0009	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	3114C	Selenium,	0.00023	mg/L	0.0002	MDL	B
LSmS	LSmS	Smoky Ck	7/12/2005	300	Chloride	22.9	mg/L	0.13	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	350.1	Ammonia	0.03	mg/L	0.0096	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	-9999.99	Sum of	5.09	meq/L	0.01	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.8	Arsenic,	0.00043	mg/L	0.000034	MDL	B
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Barium,	0.0162	mg/L	0.0004	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Calcium,	58.7	mg/L	0.0072	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Magnesium,	21.6	mg/L	0.01	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	2320B	Alkalinity	199	mg/L	0.42	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Chromium,	0.00034	mg/L	0.0005	MDL	B
LSmS	LSmS	Smoky Ck	7/12/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	200.7	Copper,	0.0012	mg/L	0.0032	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	2340B	Hardness,	235	mg/L	0.06	MDL	
LSmS	LSmS	Smoky Ck	7/12/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSmS	LSmS	Smoky Ck	7/12/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	3114C	Selenium,	0.0003	mg/L	0.0002	MDL	B
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Magnesium,	19.3	mg/L	0.0068	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Manganese	0.008	mg/L	0.0006	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	353.2	Nitrate +	0.11	mg/L	0.011	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	2320B	Alkalinity	199	mg/L	0.42	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Sodium,	6.11	mg/L	0.0142	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	300	Sulfate (as	22.2	mg/L	0.07	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	160.1	TDS	225	mg/L	4.4	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	1030E	TDS	148	mg/L	0.1	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Potassium,	0.744	mg/L	0.0753	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	300	Chloride	6.43	mg/L	0.026	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	-9999.99	Sum of	4.63	meq/L	0.01	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	200.8	Arsenic,	0.00045	mg/L	0.000034	MDL	B
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Barium,	0.0133	mg/L	0.0003	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Calcium,	47.9	mg/L	0.0057	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	2340B	Hardness,	199	mg/L	0.0002	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	2320B	Bicarbonate	199	mg/L	0.42	MDL	
LSmS	LSmS	Smoky Ck	9/21/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Vanadium,	0.00045	mg/L	0.0004	MDL	B
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSmS	LSmS	Smoky Ck	9/21/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Nickel,	0.0024	mg/L	0.0016	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	300	Chloride	2.73	mg/L	0.026	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.7	Chromium,	0.0004	mg/L	0.0004	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Copper,	0.0026	mg/L	0.0026	MDL	U

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LSS	LSS	S Fk Sage	5/19/2005	2340B	Hardness,	164	mg/L	0.06	MDL	
LSS	LSS	S Fk Sage	5/19/2005	2320B	Bicarbonate	163	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	5/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.8	Arsenic,	0.00051	mg/L	0.00004	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	353.2	Nitrate +	0.11	mg/L	0.024	MDL	
LSS	LSS	S Fk Sage	5/19/2005	365.2	Orthophosp	0.018	mg/L	0.0077	MDL	
LSS	LSS	S Fk Sage	5/19/2005	3114C	Selenium,	0.0014	mg/L	0.0002	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	3114C	Selenium,	0.0016	mg/L	0.0002	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Sodium,	3.42	mg/L	0.0149	MDL	
LSS	LSS	S Fk Sage	5/19/2005	300	Sulfate (as	9.32	mg/L	0.07	MDL	
LSS	LSS	S Fk Sage	5/19/2005	160.1	TDS	166	mg/L	5.7	MDL	
LSS	LSS	S Fk Sage	5/19/2005	160.2	TSS	7	mg/L	3.7	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.7	Zinc,	0.0012	mg/L	0.0012	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Magnesium,	14.7	mg/L	0.0102	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.7	Calcium,	41.5	mg/L	0.0072	MDL	
LSS	LSS	S Fk Sage	5/19/2005	2320B	Alkalinity	163	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	5/19/2005	2320B	Alkalinity	161	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.8	Arsenic,	0.00035	mg/L	0.00004	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	300	Sulfate (as	9.32	mg/L	0.07	MDL	
LSS	LSS	S Fk Sage	5/19/2005	160.1	TDS	173	mg/L	5.7	MDL	
LSS	LSS	S Fk Sage	5/19/2005	160.2	TSS	9	mg/L	3.7	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.7	Zinc,	0.0012	mg/L	0.0012	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	3114C	Selenium,	0.0017	mg/L	0.0002	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Calcium,	41.4	mg/L	0.0072	MDL	
LSS	LSS	S Fk Sage	5/19/2005	300	Chloride	2.71	mg/L	0.026	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.7	Chromium,	0.0004	mg/L	0.0004	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Copper,	0.0026	mg/L	0.0026	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	2340B	Hardness,	164	mg/L	0.06	MDL	
LSS	LSS	S Fk Sage	5/19/2005	200.7	Sodium,	3.4	mg/L	0.0149	MDL	
LSS	LSS	S Fk Sage	5/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Magnesium,	14.7	mg/L	0.0102	MDL	
LSS	LSS	S Fk Sage	5/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	200.7	Nickel,	0.0016	mg/L	0.0016	MDL	U
LSS	LSS	S Fk Sage	5/19/2005	353.2	Nitrate +	0.11	mg/L	0.024	MDL	
LSS	LSS	S Fk Sage	5/19/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
LSS	LSS	S Fk Sage	5/19/2005	3114C	Selenium,	0.0017	mg/L	0.0002	MDL	B
LSS	LSS	S Fk Sage	5/19/2005	2320B	Bicarbonate	161	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Sodium,	4.68	mg/L	0.0142	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	1030E	TDS	143	mg/L	0.1	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Magnesium,	19.7	mg/L	0.0068	MDL	
LSS	LSS	S Fk Sage	9/19/2005	300	Sulfate (as	13.7	mg/L	0.07	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	3114C	Selenium,	0.0043	mg/L	0.0002	MDL	
LSS	LSS	S Fk Sage	9/19/2005	3114C	Selenium,	0.0038	mg/L	0.0002	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Potassium,	0.629	mg/L	0.0753	MDL	
LSS	LSS	S Fk Sage	9/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	
LSS	LSS	S Fk Sage	9/19/2005	353.2	Nitrate +	0.13	mg/L	0.011	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Manganese	0.0013	mg/L	0.0006	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	160.1	TDS	194	mg/L	4.4	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Vanadium,	0.0014	mg/L	0.0004	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	200.8	Arsenic,	0.00069	mg/L	0.000034	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	200.7	Calcium,	49.1	mg/L	0.0057	MDL	
LSS	LSS	S Fk Sage	9/19/2005	2320B	Alkalinity	208	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	-9999.99	Sum of	4.59	meq/L	0.01	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LSS	LSS	S Fk Sage	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	300	Chloride	4.06	mg/L	0.026	MDL	
LSS	LSS	S Fk Sage	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSS	LSS	S Fk Sage	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.8	Lead,	0.00008	mg/L	0.000044	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	200.7	Barium,	0.042	mg/L	0.0003	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.8	Cadmium,	0.00003	mg/L	0.000015	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	300	Fluoride	0.299	mg/L	0.022	MDL	
LSS	LSS	S Fk Sage	9/19/2005	2340B	Hardness,	204	mg/L	0.0002	MDL	
LSS	LSS	S Fk Sage	9/19/2005	2320B	Bicarbonate	208	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.8	Arsenic,	0.00061	mg/L	0.000034	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	2320B	Alkalinity	208	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	-9999.99	Sum of	4.59	meq/L	0.01	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Barium,	0.042	mg/L	0.0003	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.8	Cadmium,	0.00003	mg/L	0.000015	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	200.7	Calcium,	49	mg/L	0.0057	MDL	
LSS	LSS	S Fk Sage	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSS	LSS	S Fk Sage	9/19/2005	300	Chloride	4.42	mg/L	0.026	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	300	Fluoride	0.298	mg/L	0.022	MDL	
LSS	LSS	S Fk Sage	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Vanadium,	0.0013	mg/L	0.0004	MDL	B
LSS	LSS	S Fk Sage	9/19/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	160.1	TDS	196	mg/L	4.4	MDL	
LSS	LSS	S Fk Sage	9/19/2005	300	Sulfate (as	13.4	mg/L	0.07	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	2340B	Hardness,	203	mg/L	0.0002	MDL	
LSS	LSS	S Fk Sage	9/19/2005	2320B	Bicarbonate	208	mg/L	0.42	MDL	
LSS	LSS	S Fk Sage	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Magnesium,	19.7	mg/L	0.0068	MDL	
LSS	LSS	S Fk Sage	9/19/2005	1030E	TDS	143	mg/L	0.1	MDL	
LSS	LSS	S Fk Sage	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	353.2	Nitrate +	0.13	mg/L	0.011	MDL	
LSS	LSS	S Fk Sage	9/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Potassium,	0.638	mg/L	0.0753	MDL	
LSS	LSS	S Fk Sage	9/19/2005	3114C	Selenium,	0.0037	mg/L	0.0002	MDL	
LSS	LSS	S Fk Sage	9/19/2005	3114C	Selenium,	0.0042	mg/L	0.0002	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
LSS	LSS	S Fk Sage	9/19/2005	200.7	Sodium,	4.7	mg/L	0.0142	MDL	
LSS	LSS	S Fk Sage	9/19/2005	200.7	Manganese	0.0015	mg/L	0.0006	MDL	B
LSV-3	LSV-3	Sage Ck	5/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	160.2	TSS	13	mg/L	3.7	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	353.2	Nitrate +	0.06	mg/L	0.024	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	365.2	Orthophosp	0.023	mg/L	0.0077	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	3114C	Selenium,	0.0029	mg/L	0.0002	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	3114C	Selenium,	0.0029	mg/L	0.0002	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	200.8	Silver,	0.00001	mg/L	0.000001	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Sodium,	4.14	mg/L	0.0149	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	160.1	TDS	200	mg/L	5.7	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Zinc,	0.0012	mg/L	0.0012	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	300	Sulfate (as	18.9	mg/L	0.07	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Magnesium,	15	mg/L	0.0102	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Nickel,	0.0016	mg/L	0.0016	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	300	Chloride	3	mg/L	0.026	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	2320B	Alkalinity	181	mg/L	0.42	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	200.8	Arsenic,	0.00043	mg/L	0.00004	MDL	B
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Calcium,	54.3	mg/L	0.0072	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Chromium,	0.0004	mg/L	0.0004	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	2320B	Carbonate	7.02	mg/L	0.42	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	200.7	Copper,	0.0026	mg/L	0.0026	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	2340B	Hardness,	197	mg/L	0.06	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	2320B	Bicarbonate	174	mg/L	0.42	MDL	
LSV-3	LSV-3	Sage Ck	5/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LSV-3	LSV-3	Sage Ck	5/19/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	2320B	Bicarbonate	210	mg/L	0.42	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	300	Chloride	4.89	mg/L	0.026	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	2340B	Hardness,	220	mg/L	0.0002	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Barium,	0.0401	mg/L	0.0003	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Iron,	0.0044	mg/L	0.0031	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	200.8	Lead,	0.0001	mg/L	0.000044	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Magnesium,	19.4	mg/L	0.0068	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Manganese	0.006	mg/L	0.0006	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	300	Fluoride	0.277	mg/L	0.022	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Calcium,	56.1	mg/L	0.0057	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.8	Cadmium,	0.00003	mg/L	0.000015	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	2320B	Alkalinity	210	mg/L	0.42	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	-9999.99	Sum of	4.89	meq/L	0.01	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.8	Arsenic,	0.00064	mg/L	0.000034	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Potassium,	0.626	mg/L	0.0753	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	353.2	Nitrate +	0.04	mg/L	0.011	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	3114C	Selenium,	0.0068	mg/L	0.0002	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	3114C	Selenium,	0.007	mg/L	0.0002	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Sodium,	5.78	mg/L	0.0142	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	300	Sulfate (as	25.9	mg/L	0.14	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	160.1	TDS	224	mg/L	4.4	MDL	
LSV-3	LSV-3	Sage Ck	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	U
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Vanadium,	0.0011	mg/L	0.0004	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	200.7	Zinc,	0.00026	mg/L	0.0002	MDL	B
LSV-3	LSV-3	Sage Ck	9/19/2005	1030E	TDS	157	mg/L	0.1	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	200.8	Arsenic,	0.0017	mg/L	0.00004	MDL	B
LT-3	LT-3	Tygee Ck	5/18/2005	160.1	TDS	293	mg/L	5.7	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	160.2	TSS	5	mg/L	3.7	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Calcium,	73.5	mg/L	0.0072	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	300	Chloride	18.5	mg/L	0.13	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	2320B	Carbonate	12	mg/L	0.42	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Copper,	0.0014	mg/L	0.0012	MDL	B
LT-3	LT-3	Tygee Ck	5/18/2005	2340B	Hardness,	242	mg/L	0.042	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	300	Sulfate (as	23.4	mg/L	0.07	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Sodium,	14.6	mg/L	0.0142	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Magnesium,	14.2	mg/L	0.0068	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LT-3	LT-3	Tygee Ck	5/18/2005	353.2	Nitrate +	0.07	mg/L	0.024	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	3114C	Selenium,	0.0026	mg/L	0.0002	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	3114C	Selenium,	0.0026	mg/L	0.0002	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	2320B	Bicarbonate	220	mg/L	0.42	MDL	
LT-3	LT-3	Tygee Ck	5/18/2005	2320B	Alkalinity	233	mg/L	0.42	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
LT-3	LT-3	Tygee Ck	5/18/2005	200.8	Cadmium,	0.00006	mg/L	0.00002	MDL	B
LT-3	LT-3	Tygee Ck	9/20/2005	3114C	Selenium,	0.00083	mg/L	0.0002	MDL	B
LT-3	LT-3	Tygee Ck	9/20/2005	2340B	Hardness,	273	mg/L	0.0002	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	2320B	Bicarbonate	251	mg/L	0.42	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Magnesium,	13.9	mg/L	0.0068	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	3114C	Selenium,	0.00091	mg/L	0.0002	MDL	B
LT-3	LT-3	Tygee Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	B
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Sodium,	26.2	mg/L	0.0142	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	300	Sulfate (as	50.8	mg/L	0.35	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	160.1	TDS	387	mg/L	4.4	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	160.2	TSS	5	mg/L	2.6	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	2320B	Alkalinity	251	mg/L	0.42	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	200.8	Arsenic,	0.0012	mg/L	0.000034	MDL	B
LT-3	LT-3	Tygee Ck	9/20/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
LT-3	LT-3	Tygee Ck	9/20/2005	200.7	Calcium,	86.6	mg/L	0.0057	MDL	
LT-3	LT-3	Tygee Ck	9/20/2005	300	Chloride	41	mg/L	0.13	MDL	
UP	UP	Pole Ck	9/20/2005	200.7	Barium,	0.0283	mg/L	0.0003	MDL	
UP	UP	Pole Ck	9/20/2005	2320B	Alkalinity	187	mg/L	0.42	MDL	
UP	UP	Pole Ck	9/20/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
UP	UP	Pole Ck	9/20/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
UP	UP	Pole Ck	9/20/2005	200.8	Arsenic,	0.00043	mg/L	0.000034	MDL	B
UP	UP	Pole Ck	9/20/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Calcium,	52.6	mg/L	0.0057	MDL	
UP	UP	Pole Ck	9/20/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
UP	UP	Pole Ck	9/20/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
UP	UP	Pole Ck	9/20/2005	300	Chloride	1.06	mg/L	0.026	MDL	
UP	UP	Pole Ck	9/20/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
UP	UP	Pole Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UP	UP	Pole Ck	9/20/2005	-9999.99	Sum of	4.11	meq/L	0.01	MDL	
UP	UP	Pole Ck	9/20/2005	2340B	Hardness,	180	mg/L	0.0002	MDL	
UP	UP	Pole Ck	9/20/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
UP	UP	Pole Ck	9/20/2005	160.2	TSS	5	mg/L	2.6	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Vanadium,	0.0004	mg/L	0.0004	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
UP	UP	Pole Ck	9/20/2005	1030E	TDS	130	mg/L	0.1	MDL	
UP	UP	Pole Ck	9/20/2005	160.1	TDS	192	mg/L	4.4	MDL	
UP	UP	Pole Ck	9/20/2005	353.2	Nitrate +	0.06	mg/L	0.011	MDL	
UP	UP	Pole Ck	9/20/2005	2320B	Bicarbonate	187	mg/L	0.42	MDL	
UP	UP	Pole Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
UP	UP	Pole Ck	9/20/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Magnesium,	11.9	mg/L	0.0068	MDL	
UP	UP	Pole Ck	9/20/2005	200.7	Manganese	0.0006	mg/L	0.0006	MDL	U
UP	UP	Pole Ck	9/20/2005	415.1	TOC	1	mg/L	0.22	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
UP	UP	Pole Ck	9/20/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
UP	UP	Pole Ck	9/20/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	
UP	UP	Pole Ck	9/20/2005	200.7	Potassium,	0.588	mg/L	0.0753	MDL	
UP	UP	Pole Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UP	UP	Pole Ck	9/20/2005	3114C	Selenium,	0.00025	mg/L	0.0002	MDL	B
UP	UP	Pole Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
UP	UP	Pole Ck	9/20/2005	200.7	Sodium,	3.29	mg/L	0.0142	MDL	
UP	UP	Pole Ck	9/20/2005	300	Sulfate (as	16.3	mg/L	0.07	MDL	
UP	UP	Pole Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	3114C	Selenium,	0.00023	mg/L	0.0002	MDL	B
UR-2	UR	Roberts Ck	5/18/2005	3114C	Selenium,	0.00062	mg/L	0.0002	MDL	B
UR-2	UR	Roberts Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	300	Sulfate (as	96	mg/L	0.7	MDL	
UR-2	UR	Roberts Ck	5/18/2005	160.1	TDS	413	mg/L	5.7	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
UR-2	UR	Roberts Ck	5/18/2005	160.2	TSS	5	mg/L	3.7	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	353.2	Nitrate +	0.04	mg/L	0.024	MDL	
UR-2	UR	Roberts Ck	5/18/2005	200.7	Chromium,	0.00053	mg/L	0.0003	MDL	B
UR-2	UR	Roberts Ck	5/18/2005	2320B	Alkalinity	184	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	5/18/2005	200.8	Arsenic,	0.0011	mg/L	0.00004	MDL	B
UR-2	UR	Roberts Ck	5/18/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	300	Chloride	67.5	mg/L	0.26	MDL	
UR-2	UR	Roberts Ck	5/18/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	200.7	Copper,	0.0018	mg/L	0.0012	MDL	B
UR-2	UR	Roberts Ck	5/18/2005	2340B	Hardness,	287	mg/L	0.042	MDL	
UR-2	UR	Roberts Ck	5/18/2005	2320B	Bicarbonate	184	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
UR-2	UR	Roberts Ck	5/18/2005	200.7	Magnesium,	26.5	mg/L	0.0068	MDL	
UR-2	UR	Roberts Ck	5/18/2005	200.7	Calcium,	71.1	mg/L	0.0072	MDL	
UR-2	UR	Roberts Ck	7/12/2005	2320B	Alkalinity	187	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	7/12/2005	2320B	Alkalinity	192	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	7/12/2005	200.8	Arsenic,	0.00092	mg/L	0.000034	MDL	B
UR-2	UR	Roberts Ck	7/12/2005	300	Chloride	58.1	mg/L	0.26	MDL	
UR-2	UR	Roberts Ck	7/12/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	300	Sulfate (as	90.1	mg/L	0.35	MDL	
UR-2	UR	Roberts Ck	7/12/2005	300	Sulfate (as	91.2	mg/L	0.35	MDL	
UR-2	UR	Roberts Ck	7/12/2005	160.1	TDS	423	mg/L	5.7	MDL	
UR-2	UR	Roberts Ck	7/12/2005	160.2	TSS	5	mg/L	3.7	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	200.7	Zinc,	0.0002	mg/L	0.0016	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	300	Chloride	58.5	mg/L	0.26	MDL	
UR-2	UR	Roberts Ck	7/12/2005	200.7	Chromium,	0.0003	mg/L	0.0005	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	200.7	Copper,	0.0012	mg/L	0.0032	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	2340B	Hardness,	281	mg/L	0.06	MDL	
UR-2	UR	Roberts Ck	7/12/2005	200.7	Sodium,	37	mg/L	0.064	MDL	
UR-2	UR	Roberts Ck	7/12/2005	2320B	Bicarbonate	192	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	7/12/2005	200.7	Calcium,	70.3	mg/L	0.0072	MDL	
UR-2	UR	Roberts Ck	7/12/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	200.7	Magnesium,	25.6	mg/L	0.01	MDL	
UR-2	UR	Roberts Ck	7/12/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	200.7	Nickel,	0.0014	mg/L	0.0016	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	353.2	Nitrate +	0.08	mg/L	0.02	MDL	
UR-2	UR	Roberts Ck	7/12/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	7/12/2005	2320B	Bicarbonate	187	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	9/20/2005	2340B	Hardness,	284	mg/L	0.0002	MDL	
UR-2	UR	Roberts Ck	9/20/2005	2320B	Alkalinity	299	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	9/20/2005	200.8	Arsenic,	0.002	mg/L	0.000034	MDL	B
UR-2	UR	Roberts Ck	9/20/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Calcium,	72.7	mg/L	0.0057	MDL	
UR-2	UR	Roberts Ck	9/20/2005	300	Chloride	9.15	mg/L	0.026	MDL	
UR-2	UR	Roberts Ck	9/20/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	2320B	Bicarbonate	299	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Sodium,	9.87	mg/L	0.0142	MDL	
UR-2	UR	Roberts Ck	9/20/2005	300	Sulfate (as	20.1	mg/L	0.07	MDL	
UR-2	UR	Roberts Ck	9/20/2005	160.1	TDS	309	mg/L	4.4	MDL	
UR-2	UR	Roberts Ck	9/20/2005	160.2	TSS	38	mg/L	2.6	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
UR-2	UR	Roberts Ck	9/20/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Magnesium,	24.8	mg/L	0.0068	MDL	
UR-2	UR	Roberts Ck	9/20/2005	200.7	Sodium,	35.8	mg/L	0.0142	MDL	
UR-2	UR	Roberts Ck	9/20/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Magnesium,	25.3	mg/L	0.0068	MDL	
UR-2	UR	Roberts Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	353.2	Nitrate +	0.09	mg/L	0.011	MDL	
UR-2	UR	Roberts Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	2340B	Hardness,	274	mg/L	0.0002	MDL	
UR-2	UR	Roberts Ck	9/20/2005	300	Sulfate (as	93.7	mg/L	0.7	MDL	
UR-2	UR	Roberts Ck	9/20/2005	160.1	TDS	430	mg/L	4.4	MDL	
UR-2	UR	Roberts Ck	9/20/2005	160.2	TSS	5	mg/L	2.6	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.8	Arsenic,	0.00091	mg/L	0.000034	MDL	B
UR-2	UR	Roberts Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	2320B	Alkalinity	192	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	9/20/2005	2320B	Bicarbonate	192	mg/L	0.42	MDL	
UR-2	UR	Roberts Ck	9/20/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Calcium,	68.1	mg/L	0.0057	MDL	
UR-2	UR	Roberts Ck	9/20/2005	300	Chloride	63.8	mg/L	0.26	MDL	
UR-2	UR	Roberts Ck	9/20/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UR-2	UR	Roberts Ck	9/20/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
US	US	Sage Ck	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
US	US	Sage Ck	9/19/2005	-9999.99	Sum of	4.09	meq/L	0.01	MDL	
US	US	Sage Ck	9/19/2005	2320B	Alkalinity	186	mg/L	0.42	MDL	
US	US	Sage Ck	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
US	US	Sage Ck	9/19/2005	200.8	Arsenic,	0.00045	mg/L	0.000034	MDL	B
US	US	Sage Ck	9/19/2005	200.7	Barium,	0.0271	mg/L	0.0003	MDL	
US	US	Sage Ck	9/19/2005	200.8	Cadmium,	0.00003	mg/L	0.000015	MDL	B
US	US	Sage Ck	9/19/2005	200.7	Calcium,	52.6	mg/L	0.0057	MDL	
US	US	Sage Ck	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
US	US	Sage Ck	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
US	US	Sage Ck	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
US	US	Sage Ck	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
US	US	Sage Ck	9/19/2005	300	Chloride	0.785	mg/L	0.026	MDL	
US	US	Sage Ck	9/19/2005	160.1	TDS	196	mg/L	4.4	MDL	
US	US	Sage Ck	9/19/2005	1030E	TDS	129	mg/L	0.1	MDL	
US	US	Sage Ck	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
US	US	Sage Ck	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
US	US	Sage Ck	9/19/2005	200.7	Vanadium,	0.0004	mg/L	0.0004	MDL	U
US	US	Sage Ck	9/19/2005	200.7	Zinc,	0.001	mg/L	0.0002	MDL	B
US	US	Sage Ck	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
US	US	Sage Ck	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
US	US	Sage Ck	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
US	US	Sage Ck	9/19/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
US	US	Sage Ck	9/19/2005	2340B	Hardness,	185	mg/L	0.0002	MDL	
US	US	Sage Ck	9/19/2005	2320B	Bicarbonate	186	mg/L	0.42	MDL	
US	US	Sage Ck	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
US	US	Sage Ck	9/19/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
US	US	Sage Ck	9/19/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
US	US	Sage Ck	9/19/2005	300	Sulfate (as	16.2	mg/L	0.07	MDL	
US	US	Sage Ck	9/19/2005	200.7	Manganese	0.0074	mg/L	0.0006	MDL	
US	US	Sage Ck	9/19/2005	200.7	Sodium,	3	mg/L	0.0142	MDL	
US	US	Sage Ck	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
US	US	Sage Ck	9/19/2005	353.2	Nitrate +	0.1	mg/L	0.011	MDL	
US	US	Sage Ck	9/19/2005	365.2	Orthophosp	0.01	mg/L	0.0077	MDL	U
US	US	Sage Ck	9/19/2005	200.7	Potassium,	0.424	mg/L	0.0753	MDL	
US	US	Sage Ck	9/19/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
US	US	Sage Ck	9/19/2005	3114C	Selenium,	0.00048	mg/L	0.0002	MDL	B
US	US	Sage Ck	9/19/2005	200.7	Magnesium,	13.1	mg/L	0.0068	MDL	
USm	USm	Smoky Ck	9/21/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
USm	USm	Smoky Ck	9/21/2005	-9999.99	Sum of	4.6	meq/L	0.01	MDL	
USm	USm	Smoky Ck	9/21/2005	200.8	Arsenic,	0.00033	mg/L	0.000034	MDL	B
USm	USm	Smoky Ck	9/21/2005	200.7	Barium,	0.0214	mg/L	0.0003	MDL	

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
USm	USm	Smoky Ck	9/21/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Calcium,	55	mg/L	0.0057	MDL	
USm	USm	Smoky Ck	9/21/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U
USm	USm	Smoky Ck	9/21/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
USm	USm	Smoky Ck	9/21/2005	2320B	Alkalinity	212	mg/L	0.42	MDL	
USm	USm	Smoky Ck	9/21/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
USm	USm	Smoky Ck	9/21/2005	300	Chloride	1.18	mg/L	0.026	MDL	
USm	USm	Smoky Ck	9/21/2005	160.1	TDS	210	mg/L	4.4	MDL	
USm	USm	Smoky Ck	9/21/2005	1030E	TDS	144	mg/L	0.1	MDL	
USm	USm	Smoky Ck	9/21/2005	415.1	TOC	1	mg/L	0.22	MDL	U
USm	USm	Smoky Ck	9/21/2005	160.2	TSS	5	mg/L	2.6	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Vanadium,	0.0004	mg/L	0.0004	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Sodium,	3.94	mg/L	0.0142	MDL	
USm	USm	Smoky Ck	9/21/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Manganese	0.0065	mg/L	0.0006	MDL	
USm	USm	Smoky Ck	9/21/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
USm	USm	Smoky Ck	9/21/2005	300	Fluoride	0.1	mg/L	0.022	MDL	U
USm	USm	Smoky Ck	9/21/2005	2340B	Hardness,	202	mg/L	0.0002	MDL	
USm	USm	Smoky Ck	9/21/2005	2320B	Bicarbonate	212	mg/L	0.42	MDL	
USm	USm	Smoky Ck	9/21/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Iron,	0.0044	mg/L	0.0031	MDL	B
USm	USm	Smoky Ck	9/21/2005	300	Sulfate (as	16	mg/L	0.07	MDL	
USm	USm	Smoky Ck	9/21/2005	200.7	Magnesium,	15.8	mg/L	0.0068	MDL	
USm	USm	Smoky Ck	9/21/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
USm	USm	Smoky Ck	9/21/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
USm	USm	Smoky Ck	9/21/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
USm	USm	Smoky Ck	9/21/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
USm	USm	Smoky Ck	9/21/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
USm	USm	Smoky Ck	9/21/2005	200.7	Potassium,	0.589	mg/L	0.0753	MDL	
USm	USm	Smoky Ck	9/21/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
USm	USm	Smoky Ck	9/21/2005	3114C	Selenium,	0.00043	mg/L	0.0002	MDL	B
USm	USm	Smoky Ck	9/21/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
USS	USS	S Fk Sage	9/19/2005	300	Sulfate (as	11.9	mg/L	0.07	MDL	
USS	USS	S Fk Sage	9/19/2005	160.1	TDS	259	mg/L	4.4	MDL	
USS	USS	S Fk Sage	9/19/2005	1030E	TDS	133	mg/L	0.1	MDL	
USS	USS	S Fk Sage	9/19/2005	415.1	TOC	1	mg/L	0.22	MDL	U
USS	USS	S Fk Sage	9/19/2005	160.2	TSS	5	mg/L	2.6	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Vanadium,	0.0004	mg/L	0.0004	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
USS	USS	S Fk Sage	9/19/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Manganese	0.0011	mg/L	0.0006	MDL	B
USS	USS	S Fk Sage	9/19/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
USS	USS	S Fk Sage	9/19/2005	300	Fluoride	0.111	mg/L	0.022	MDL	
USS	USS	S Fk Sage	9/19/2005	2340B	Hardness,	192	mg/L	0.0002	MDL	
USS	USS	S Fk Sage	9/19/2005	2320B	Bicarbonate	200	mg/L	0.42	MDL	
USS	USS	S Fk Sage	9/19/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Iron,	0.0031	mg/L	0.0031	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Sodium,	3.61	mg/L	0.0142	MDL	
USS	USS	S Fk Sage	9/19/2005	200.7	Magnesium,	16.5	mg/L	0.0068	MDL	
USS	USS	S Fk Sage	9/19/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U
USS	USS	S Fk Sage	9/19/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
USS	USS	S Fk Sage	9/19/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
USS	USS	S Fk Sage	9/19/2005	365.2	Orthophosp	0.02	mg/L	0.0077	MDL	
USS	USS	S Fk Sage	9/19/2005	200.7	Potassium,	0.605	mg/L	0.0753	MDL	
USS	USS	S Fk Sage	9/19/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.8	Lead,	0.00005	mg/L	0.000044	MDL	U
USS	USS	S Fk Sage	9/19/2005	300	Chloride	0.817	mg/L	0.026	MDL	
USS	USS	S Fk Sage	9/19/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
USS	USS	S Fk Sage	9/19/2005	350.1	Ammonia	0.03	mg/L	0.0036	MDL	U
USS	USS	S Fk Sage	9/19/2005	200.7	Aluminum,	0.0116	mg/L	0.0116	MDL	U
USS	USS	S Fk Sage	9/19/2005	-9999.99	Sum of	4.28	meq/L	0.01	MDL	
USS	USS	S Fk Sage	9/19/2005	200.8	Arsenic,	0.00032	mg/L	0.000034	MDL	B
USS	USS	S Fk Sage	9/19/2005	200.7	Barium,	0.03	mg/L	0.0003	MDL	
USS	USS	S Fk Sage	9/19/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	B
USS	USS	S Fk Sage	9/19/2005	200.7	Calcium,	49.7	mg/L	0.0057	MDL	
USS	USS	S Fk Sage	9/19/2005	-9999.99	Sum of	0.01	meq/L	0.01	MDL	U

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MFG Name	Original SiteName	Water body	Date	Analytical Method	Standard Analyte	StdValue	Standard Unit	Limit	Limit Type	Lab Qualifier
USS	USS	S Fk Sage	9/19/2005	-9999.99	Cation-	-9999	%	0.01	MDL	
USS	USS	S Fk Sage	9/19/2005	2320B	Alkalinity	200	mg/L	0.42	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	353.2	Nitrate +	0.03	mg/L	0.024	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Copper,	0.0015	mg/L	0.0012	MDL	B
UT-1	UT-1	Tygee Ck	5/18/2005	2340B	Hardness,	227	mg/L	0.042	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	2320B	Bicarbonate	217	mg/L	0.42	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	200.8	Lead,	0.00005	mg/L	0.00005	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Magnesium,	12.4	mg/L	0.0068	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	300	Chloride	21.9	mg/L	0.13	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	3114C	Selenium,	0.00034	mg/L	0.0002	MDL	B
UT-1	UT-1	Tygee Ck	5/18/2005	3114C	Selenium,	0.00031	mg/L	0.0002	MDL	B
UT-1	UT-1	Tygee Ck	5/18/2005	200.8	Silver,	0.00001	mg/L	0.00001	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Sodium,	18.7	mg/L	0.0142	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	300	Sulfate (as	7.99	mg/L	0.07	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	160.1	TDS	285	mg/L	5.7	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	160.2	TSS	5	mg/L	3.7	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	2320B	Alkalinity	231	mg/L	0.42	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	200.8	Arsenic,	0.0017	mg/L	0.00004	MDL	B
UT-1	UT-1	Tygee Ck	5/18/2005	200.8	Cadmium,	0.00002	mg/L	0.00002	MDL	U
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Calcium,	70.3	mg/L	0.0072	MDL	
UT-1	UT-1	Tygee Ck	5/18/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	200.8	Arsenic,	0.00093	mg/L	0.000034	MDL	B
UT-1	UT-1	Tygee Ck	9/20/2005	2320B	Alkalinity	226	mg/L	0.42	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	200.8	Cadmium,	0.00002	mg/L	0.000015	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Calcium,	56.5	mg/L	0.0057	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	300	Chloride	20.3	mg/L	0.13	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Chromium,	0.0003	mg/L	0.0003	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	2320B	Carbonate	1	mg/L	0.42	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Copper,	0.0012	mg/L	0.0012	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	2340B	Hardness,	198	mg/L	0.0002	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	200.8	Lead,	0.00015	mg/L	0.000044	MDL	B
UT-1	UT-1	Tygee Ck	9/20/2005	2320B	Bicarbonate	226	mg/L	0.42	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	300	Sulfate (as	6.04	mg/L	0.07	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Magnesium,	13.8	mg/L	0.0068	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	245.1	Mercury,	0.0001	mg/L	0.0001	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Nickel,	0.0014	mg/L	0.0014	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	353.2	Nitrate +	0.02	mg/L	0.011	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	3114C	Selenium,	0.0002	mg/L	0.0002	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Sodium,	17.8	mg/L	0.0142	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	2320B	Hydroxide	1	mg/L	0.42	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	160.1	TDS	278	mg/L	4.4	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	160.2	TSS	14	mg/L	2.6	MDL	
UT-1	UT-1	Tygee Ck	9/20/2005	200.7	Zinc,	0.0002	mg/L	0.0002	MDL	U
UT-1	UT-1	Tygee Ck	9/20/2005	200.8	Silver,	0.00001	mg/L	0.000007	MDL	U

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
ANGUS CREEK	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
ANGUS CREEK	5/12/2006	Calcium, dissolved	M200.7 ICP	99.9		mg/L	0.2
ANGUS CREEK	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
ANGUS CREEK	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0065		mg/L	0.0005
ANGUS CREEK	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0008		mg/L	0.0001
ANGUS CREEK	5/12/2006	Magnesium, dissolved	M200.7 ICP	24.5		mg/L	0.2
ANGUS CREEK	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.0022	B	mg/L	0.0006
ANGUS CREEK	5/12/2006	Selenium, total	SM 3114 B, AA-Hydr	0.016		mg/L	0.001
ANGUS CREEK	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
ANGUS CREEK	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0002
ANGUS CREEK	5/12/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
ANGUS CREEK	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	222		mg/L	2
ANGUS CREEK	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5		mg/L	1
ANGUS CREEK	5/12/2006	Carbonate as CaCO3	SM2320B - Titration		U	mg/L	2
ANGUS CREEK	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	350		mg/L	1
ANGUS CREEK	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
ANGUS CREEK	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.28	H	mg/L	0.02
ANGUS CREEK	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.09		mg/L	0.01
ANGUS CREEK	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	10	BH	mg/L	5
ANGUS CREEK	5/12/2006	Total Alkalinity	SM2320B - Titration	223		mg/L	2
BLACKFOOT R@ MONSANT	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACKFOOT R@ MONSANT	5/12/2006	Calcium, dissolved	M200.7 ICP	54.1		mg/L	0.2
BLACKFOOT R@ MONSANT	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
BLACKFOOT R@ MONSANT	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0062		mg/L	0.0005
BLACKFOOT R@ MONSANT	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
BLACKFOOT R@ MONSANT	5/12/2006	Magnesium, dissolved	M200.7 ICP	9.8		mg/L	0.2
BLACKFOOT R@ MONSANT	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.0025	B	mg/L	0.0006
BLACKFOOT R@ MONSANT	5/12/2006	Selenium, total	SM 3114 B, AA-Hydr	0.006		mg/L	0.001
BLACKFOOT R@ MONSANT	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACKFOOT R@ MONSANT	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0002
BLACKFOOT R@ MONSANT	5/12/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
BLACKFOOT R@ MONSANT	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	166		mg/L	2
BLACKFOOT R@ MONSANT	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5		mg/L	1
BLACKFOOT R@ MONSANT	5/12/2006	Carbonate as CaCO3	SM2320B - Titration	4	B	mg/L	2
BLACKFOOT R@ MONSANT	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	176		mg/L	1
BLACKFOOT R@ MONSANT	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ MONSANT	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.04	B	mg/L	0.02
BLACKFOOT R@ MONSANT	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.07		mg/L	0.01
BLACKFOOT R@ MONSANT	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACKFOOT R@ MONSANT	5/12/2006	Total Alkalinity	SM2320B - Titration	170		mg/L	2
BLACKFOOT R@ TRAIL	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACKFOOT R@ TRAIL	5/12/2006	Calcium, dissolved	M200.7 ICP	52.7		mg/L	0.2
BLACKFOOT R@ TRAIL	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
BLACKFOOT R@ TRAIL	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0065		mg/L	0.0005
BLACKFOOT R@ TRAIL	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
BLACKFOOT R@ TRAIL	5/12/2006	Magnesium, dissolved	M200.7 ICP	9.5		mg/L	0.2
BLACKFOOT R@ TRAIL	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.0019	B	mg/L	0.0006
BLACKFOOT R@ TRAIL	5/12/2006	Selenium, total	SM 3114 B, AA-Hydr	0.006		mg/L	0.001
BLACKFOOT R@ TRAIL	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACKFOOT R@ TRAIL	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0002
BLACKFOOT R@ TRAIL	5/12/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
BLACKFOOT R@ TRAIL	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	161		mg/L	2
BLACKFOOT R@ TRAIL	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5	B	mg/L	1
BLACKFOOT R@ TRAIL	5/12/2006	Carbonate as CaCO3	SM2320B - Titration	5	B	mg/L	2
BLACKFOOT R@ TRAIL	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	171		mg/L	1
BLACKFOOT R@ TRAIL	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ TRAIL	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	B	mg/L	0.02
BLACKFOOT R@ TRAIL	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.11		mg/L	0.01
BLACKFOOT R@ TRAIL	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACKFOOT R@ TRAIL	5/12/2006	Total Alkalinity	SM2320B - Titration	166		mg/L	2

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
BLACKFOOT R@ SLUG	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACKFOOT R@ SLUG	5/12/2006	Calcium, dissolved	M200.7 ICP	52.2		mg/L	0.2
BLACKFOOT R@ SLUG	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0011		mg/L	0.0001
BLACKFOOT R@ SLUG	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0026	B	mg/L	0.0005
BLACKFOOT R@ SLUG	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
BLACKFOOT R@ SLUG	5/12/2006	Magnesium, dissolved	M200.7 ICP	9.4		mg/L	0.2
BLACKFOOT R@ SLUG	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.0035		mg/L	0.0006
BLACKFOOT R@ SLUG	5/12/2006	Selenium, total	SM 3114 B, AA-Hydr	0.007		mg/L	0.001
BLACKFOOT R@ SLUG	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACKFOOT R@ SLUG	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0002
BLACKFOOT R@ SLUG	5/12/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
BLACKFOOT R@ SLUG	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	155		mg/L	2
BLACKFOOT R@ SLUG	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5	B	mg/L	1
BLACKFOOT R@ SLUG	5/12/2006	Carbonate as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ SLUG	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	169		mg/L	1
BLACKFOOT R@ SLUG	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ SLUG	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	B	mg/L	0.02
BLACKFOOT R@ SLUG	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.09		mg/L	0.01
BLACKFOOT R@ SLUG	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACKFOOT R@ SLUG	5/12/2006	Total Alkalinity	SM2320B - Titration	156		mg/L	2
BLACKFOOT R@ CHINA H	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACKFOOT R@ CHINA H	5/12/2006	Calcium, dissolved	M200.7 ICP	55.7		mg/L	0.2
BLACKFOOT R@ CHINA H	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
BLACKFOOT R@ CHINA H	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0065		mg/L	0.0005
BLACKFOOT R@ CHINA H	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
BLACKFOOT R@ CHINA H	5/12/2006	Magnesium, dissolved	M200.7 ICP	10.4		mg/L	0.2
BLACKFOOT R@ CHINA H	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.0017	B	mg/L	0.0006
BLACKFOOT R@ CHINA H	5/12/2006	Selenium, total	SM 3114 B, AA-Hydr	0.006		mg/L	0.001
BLACKFOOT R@ CHINA H	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACKFOOT R@ CHINA H	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0002
BLACKFOOT R@ CHINA H	5/12/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
BLACKFOOT R@ CHINA H	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	174		mg/L	2
BLACKFOOT R@ CHINA H	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5		mg/L	1
BLACKFOOT R@ CHINA H	5/12/2006	Carbonate as CaCO3	SM2320B - Titration	2	B	mg/L	2
BLACKFOOT R@ CHINA H	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	182		mg/L	1
BLACKFOOT R@ CHINA H	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ CHINA H	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.06	B	mg/L	0.02
BLACKFOOT R@ CHINA H	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.1		mg/L	0.01
BLACKFOOT R@ CHINA H	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACKFOOT R@ CHINA H	5/12/2006	Total Alkalinity	SM2320B - Titration	176		mg/L	2
BLACKFOOT R@ NARROWS	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACKFOOT R@ NARROWS	5/11/2006	Calcium, dissolved	M200.7 ICP	51.5		mg/L	0.2
BLACKFOOT R@ NARROWS	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
BLACKFOOT R@ NARROWS	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0045		mg/L	0.0005
BLACKFOOT R@ NARROWS	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
BLACKFOOT R@ NARROWS	5/11/2006	Magnesium, dissolved	M200.7 ICP	9.2		mg/L	0.2
BLACKFOOT R@ NARROWS	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0013	B	mg/L	0.0006
BLACKFOOT R@ NARROWS	5/11/2006	Selenium, total	SM 3114 B, AA-Hydr	0.005	B	mg/L	0.001
BLACKFOOT R@ NARROWS	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACKFOOT R@ NARROWS	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
BLACKFOOT R@ NARROWS	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
BLACKFOOT R@ NARROWS	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	160		mg/L	2
BLACKFOOT R@ NARROWS	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5	B	mg/L	1
BLACKFOOT R@ NARROWS	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	4	B	mg/L	2
BLACKFOOT R@ NARROWS	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	167		mg/L	1
BLACKFOOT R@ NARROWS	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ NARROWS	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	B	mg/L	0.02
BLACKFOOT R@ NARROWS	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.09		mg/L	0.01
BLACKFOOT R@ NARROWS	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACKFOOT R@ NARROWS	5/11/2006	Total Alkalinity	SM2320B - Titration	163		mg/L	2

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
BLACK CREEK-DUP blkft@Narrows	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACK CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	50.5		mg/L	0.2
BLACK CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
BLACK CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0044		mg/L	0.0005
BLACK CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0007		mg/L	0.0001
BLACK CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	9		mg/L	0.2
BLACK CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0013	B	mg/L	0.0006
BLACK CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydr	0.006		mg/L	0.001
BLACK CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACK CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
BLACK CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
BLACK CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	161		mg/L	2
BLACK CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
BLACK CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	2	B	mg/L	2
BLACK CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	163		mg/L	1
BLACK CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACK CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	B	mg/L	0.02
BLACK CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.07		mg/L	0.01
BLACK CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACK CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	163		mg/L	2
BLACKFOOT R@ UP BRID	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
BLACKFOOT R@ UP BRID	5/11/2006	Calcium, dissolved	M200.7 ICP	52.9		mg/L	0.2
BLACKFOOT R@ UP BRID	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
BLACKFOOT R@ UP BRID	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0024	B	mg/L	0.0005
BLACKFOOT R@ UP BRID	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
BLACKFOOT R@ UP BRID	5/11/2006	Magnesium, dissolved	M200.7 ICP	9.4		mg/L	0.2
BLACKFOOT R@ UP BRID	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0011	B	mg/L	0.0006
BLACKFOOT R@ UP BRID	5/11/2006	Selenium, total	SM 3114 B, AA-Hydr	0.005		mg/L	0.001
BLACKFOOT R@ UP BRID	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
BLACKFOOT R@ UP BRID	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
BLACKFOOT R@ UP BRID	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
BLACKFOOT R@ UP BRID	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	157		mg/L	2
BLACKFOOT R@ UP BRID	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	3	B	mg/L	1
BLACKFOOT R@ UP BRID	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	12	B	mg/L	2
BLACKFOOT R@ UP BRID	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	171		mg/L	1
BLACKFOOT R@ UP BRID	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
BLACKFOOT R@ UP BRID	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	B	mg/L	0.02
BLACKFOOT R@ UP BRID	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.09		mg/L	0.01
BLACKFOOT R@ UP BRID	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
BLACKFOOT R@ UP BRID	5/11/2006	Total Alkalinity	SM2320B - Titration	169		mg/L	2
CROW CR. @ STEWARTS	5/16/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
CROW CR. @ STEWARTS	5/16/2006	Calcium, dissolved	M200.7 ICP	71.5		mg/L	0.2
CROW CR. @ STEWARTS	5/16/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
CROW CR. @ STEWARTS	5/16/2006	Copper, dissolved	M200.8 ICP-MS	0.0042		mg/L	0.0005
CROW CR. @ STEWARTS	5/16/2006	Lead, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
CROW CR. @ STEWARTS	5/16/2006	Magnesium, dissolved	M200.7 ICP	13.7		mg/L	0.2
CROW CR. @ STEWARTS	5/16/2006	Nickel, dissolved	M200.8 ICP-MS	0.0007	B	mg/L	0.0006
CROW CR. @ STEWARTS	5/16/2006	Selenium, total	SM 3114 B, AA-Hydr		U	mg/L	0.001
CROW CR. @ STEWARTS	5/16/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
CROW CR. @ STEWARTS	5/16/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0021		mg/L	0.0002
CROW CR. @ STEWARTS	5/16/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
CROW CR. @ STEWARTS	5/16/2006	Bicarbonate as CaCO3	SM2320B - Titration	208		mg/L	2
CROW CR. @ STEWARTS	5/16/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	8		mg/L	1
CROW CR. @ STEWARTS	5/16/2006	Carbonate as CaCO3	SM2320B - Titration	21		mg/L	2
CROW CR. @ STEWARTS	5/16/2006	Hardness as CaCO3	SM2340B - Calculatio	235		mg/L	1
CROW CR. @ STEWARTS	5/16/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
CROW CR. @ STEWARTS	5/16/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C		UH	mg/L	0.02
CROW CR. @ STEWARTS	5/16/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.06		mg/L	0.01
CROW CR. @ STEWARTS	5/16/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	26	H	mg/L	5
CROW CR. @ STEWARTS	5/16/2006	Total Alkalinity	SM2320B - Titration	229		mg/L	2

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
CROW CR @ HARTMAN	5/19/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
CROW CR @ HARTMAN	5/19/2006	Calcium, dissolved	M200.7 ICP	59.8		mg/L	0.2
CROW CR @ HARTMAN	5/19/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
CROW CR @ HARTMAN	5/19/2006	Copper, dissolved	M200.8 ICP-MS	0.0062		mg/L	0.0005
CROW CR @ HARTMAN	5/19/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
CROW CR @ HARTMAN	5/19/2006	Magnesium, dissolved	M200.7 ICP	14.3		mg/L	0.2
CROW CR @ HARTMAN	5/19/2006	Nickel, dissolved	M200.8 ICP-MS	0.0012	B	mg/L	0.0006
CROW CR @ HARTMAN	5/19/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.005	B	mg/L	0.001
CROW CR @ HARTMAN	5/19/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
CROW CR @ HARTMAN	5/19/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0014		mg/L	0.0002
CROW CR @ HARTMAN	5/19/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
CROW CR @ HARTMAN	5/19/2006	Bicarbonate as CaCO3	SM2320B - Titration	183		mg/L	2
CROW CR @ HARTMAN	5/19/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	3	B	mg/L	1
CROW CR @ HARTMAN	5/19/2006	Carbonate as CaCO3	SM2320B - Titration	10	B	mg/L	2
CROW CR @ HARTMAN	5/19/2006	Hardness as CaCO3	SM2340B - Calculatio	208		mg/L	1
CROW CR @ HARTMAN	5/19/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
CROW CR @ HARTMAN	5/19/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.03	BH	mg/L	0.02
CROW CR @ HARTMAN	5/19/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.21		mg/L	0.01
CROW CR @ HARTMAN	5/19/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	68		mg/L	5
CROW CR @ HARTMAN	5/19/2006	Total Alkalinity	SM2320B - Titration	193		mg/L	2
HORSE CR - dup crow@Hartman	5/19/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
HORSE CR	5/19/2006	Calcium, dissolved	M200.7 ICP	59.7		mg/L	0.2
HORSE CR	5/19/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
HORSE CR	5/19/2006	Copper, dissolved	M200.8 ICP-MS	0.0067		mg/L	0.0005
HORSE CR	5/19/2006	Lead, dissolved	M200.8 ICP-MS	0.0007		mg/L	0.0001
HORSE CR	5/19/2006	Magnesium, dissolved	M200.7 ICP	14.2		mg/L	0.2
HORSE CR	5/19/2006	Nickel, dissolved	M200.8 ICP-MS	0.0011	B	mg/L	0.0006
HORSE CR	5/19/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.004	B	mg/L	0.001
HORSE CR	5/19/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
HORSE CR	5/19/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0018		mg/L	0.0002
HORSE CR	5/19/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
HORSE CR	5/19/2006	Bicarbonate as CaCO3	SM2320B - Titration	183		mg/L	2
HORSE CR	5/19/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
HORSE CR	5/19/2006	Carbonate as CaCO3	SM2320B - Titration	11	B	mg/L	2
HORSE CR	5/19/2006	Hardness as CaCO3	SM2340B - Calculatio	208		mg/L	1
HORSE CR	5/19/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
HORSE CR	5/19/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.06	BH	mg/L	0.02
HORSE CR	5/19/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.18		mg/L	0.01
HORSE CR	5/19/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	66		mg/L	5
HORSE CR	5/19/2006	Total Alkalinity	SM2320B - Titration	194		mg/L	2
DEER CR	5/19/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
DEER CR	5/19/2006	Calcium, dissolved	M200.7 ICP	51.3		mg/L	0.2
DEER CR	5/19/2006	Chromium, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
DEER CR	5/19/2006	Copper, dissolved	M200.8 ICP-MS	0.0023	B	mg/L	0.0005
DEER CR	5/19/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
DEER CR	5/19/2006	Magnesium, dissolved	M200.7 ICP	11.1		mg/L	0.2
DEER CR	5/19/2006	Nickel, dissolved	M200.8 ICP-MS	0.0006	B	mg/L	0.0006
DEER CR	5/19/2006	Selenium, total	SM 3114 B, AA-Hydrid		U	mg/L	0.001
DEER CR	5/19/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
DEER CR	5/19/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0018		mg/L	0.0002
DEER CR	5/19/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
DEER CR	5/19/2006	Bicarbonate as CaCO3	SM2320B - Titration	159		mg/L	2
DEER CR	5/19/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
DEER CR	5/19/2006	Carbonate as CaCO3	SM2320B - Titration	6	B	mg/L	2
DEER CR	5/19/2006	Hardness as CaCO3	SM2340B - Calculatio	174		mg/L	1
DEER CR	5/19/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
DEER CR	5/19/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.03	BH	mg/L	0.02
DEER CR	5/19/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.29		mg/L	0.01
DEER CR	5/19/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	64		mg/L	5
DEER CR	5/19/2006	Total Alkalinity	SM2320B - Titration	165		mg/L	2

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
EAST MILL CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
EAST MILL CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	70.5		mg/L	0.2
EAST MILL CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0021		mg/L	0.0001
EAST MILL CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0043		mg/L	0.0005
EAST MILL CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
EAST MILL CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	14.8		mg/L	0.2
EAST MILL CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0008	B	mg/L	0.0006
EAST MILL CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.44		mg/L	0.01
EAST MILL CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
EAST MILL CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0028		mg/L	0.0002
EAST MILL CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP	0.05	B	mg/L	0.01
EAST MILL CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	183		mg/L	2
EAST MILL CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	3	B	mg/L	1
EAST MILL CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	4	B	mg/L	2
EAST MILL CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	237		mg/L	1
EAST MILL CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
EAST MILL CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.99		mg/L	0.02
EAST MILL CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.28		mg/L	0.01
EAST MILL CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	14	BH	mg/L	5
EAST MILL CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	187		mg/L	2
GEORGETOWN CRK@RT FO	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
GEORGETOWN CRK@RT FO	5/11/2006	Calcium, dissolved	M200.7 ICP	59.1		mg/L	0.2
GEORGETOWN CRK@RT FO	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0005	B	mg/L	0.0001
GEORGETOWN CRK@RT FO	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0042		mg/L	0.0005
GEORGETOWN CRK@RT FO	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
GEORGETOWN CRK@RT FO	5/11/2006	Magnesium, dissolved	M200.7 ICP	14.9		mg/L	0.2
GEORGETOWN CRK@RT FO	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0007	B	mg/L	0.0006
GEORGETOWN CRK@RT FO	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.005		mg/L	0.001
GEORGETOWN CRK@RT FO	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
GEORGETOWN CRK@RT FO	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS	0.001		mg/L	0.0002
GEORGETOWN CRK@RT FO	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
GEORGETOWN CRK@RT FO	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	185		mg/L	2
GEORGETOWN CRK@RT FO	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	3	B	mg/L	1
GEORGETOWN CRK@RT FO	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	9	B	mg/L	2
GEORGETOWN CRK@RT FO	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	209		mg/L	1
GEORGETOWN CRK@RT FO	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
GEORGETOWN CRK@RT FO	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.28		mg/L	0.02
GEORGETOWN CRK@RT FO	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.19		mg/L	0.01
GEORGETOWN CRK@RT FO	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
GEORGETOWN CRK@RT FO	5/11/2006	Total Alkalinity	SM2320B - Titration	194		mg/L	2
GEORGETOWN CR BELOW	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
GEORGETOWN CR BELOW	5/11/2006	Calcium, dissolved	M200.7 ICP	57.3		mg/L	0.2
GEORGETOWN CR BELOW	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
GEORGETOWN CR BELOW	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0043		mg/L	0.0005
GEORGETOWN CR BELOW	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
GEORGETOWN CR BELOW	5/11/2006	Magnesium, dissolved	M200.7 ICP	11.7		mg/L	0.2
GEORGETOWN CR BELOW	5/11/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
GEORGETOWN CR BELOW	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.012		mg/L	0.001
GEORGETOWN CR BELOW	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
GEORGETOWN CR BELOW	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0009	B	mg/L	0.0002
GEORGETOWN CR BELOW	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
GEORGETOWN CR BELOW	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	185		mg/L	2
GEORGETOWN CR BELOW	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
GEORGETOWN CR BELOW	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	6	B	mg/L	2
GEORGETOWN CR BELOW	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	191		mg/L	1
GEORGETOWN CR BELOW	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
GEORGETOWN CR BELOW	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.11		mg/L	0.02
GEORGETOWN CR BELOW	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.37		mg/L	0.01
GEORGETOWN CR BELOW	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
GEORGETOWN CR BELOW	5/11/2006	Total Alkalinity	SM2320B - Titration	191		mg/L	2
GOODHEART CREEK	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
GOODHEART CREEK	5/12/2006	Calcium, dissolved	M200.7 ICP	83.3		mg/L	0.2
GOODHEART CREEK	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
GOODHEART CREEK	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0021	B	mg/L	0.0005
GOODHEART CREEK	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
GOODHEART CREEK	5/12/2006	Magnesium, dissolved	M200.7 ICP	13.8		mg/L	0.2
GOODHEART CREEK	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.002	B	mg/L	0.0006
GOODHEART CREEK	5/12/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.038		mg/L	0.001
GOODHEART CREEK	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
GOODHEART CREEK	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0002
GOODHEART CREEK	5/12/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
GOODHEART CREEK	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	202		mg/L	2
GOODHEART CREEK	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	9		mg/L	1
GOODHEART CREEK	5/12/2006	Carbonate as CaCO3	SM2320B - Titration	12	B	mg/L	2
GOODHEART CREEK	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	265		mg/L	1
GOODHEART CREEK	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
GOODHEART CREEK	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.11		mg/L	0.02
GOODHEART CREEK	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.06		mg/L	0.01
GOODHEART CREEK	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
GOODHEART CREEK	5/12/2006	Total Alkalinity	SM2320B - Titration	214		mg/L	2
GREEN CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
GREEN CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	87.9		mg/L	0.2
GREEN CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
GREEN CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0028	B	mg/L	0.0005
GREEN CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
GREEN CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	14.8		mg/L	0.2
GREEN CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0018	B	mg/L	0.0006
GREEN CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.033		mg/L	0.001
GREEN CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
GREEN CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0005	B	mg/L	0.0002
GREEN CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
GREEN CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	158		mg/L	2
GREEN CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	6		mg/L	1
GREEN CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	13	B	mg/L	2
GREEN CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	281		mg/L	1
GREEN CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
GREEN CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.07	BH	mg/L	0.02
GREEN CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.06		mg/L	0.01
GREEN CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	18	BH	mg/L	5
GREEN CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	171		mg/L	2
LANES CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
LANES CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	51.8		mg/L	0.2
LANES CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
LANES CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0045		mg/L	0.0005
LANES CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
LANES CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	8.3		mg/L	0.2
LANES CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0017	B	mg/L	0.0006
LANES CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid		U	mg/L	0.001
LANES CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
LANES CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
LANES CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
LANES CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	159		mg/L	2
LANES CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5		mg/L	1
LANES CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	6	B	mg/L	2
LANES CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	164		mg/L	1
LANES CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
LANES CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.06	B	mg/L	0.02
LANES CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.08		mg/L	0.01
LANES CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
LANES CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	164		mg/L	2
MONTPELIER CR @ KOA	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
MONTPELIER CR @ KOA	5/12/2006	Calcium, dissolved	M200.7 ICP	62.5		mg/L	0.2
MONTPELIER CR @ KOA	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
MONTPELIER CR @ KOA	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0051		mg/L	0.0005
MONTPELIER CR @ KOA	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0007		mg/L	0.0001
MONTPELIER CR @ KOA	5/12/2006	Magnesium, dissolved	M200.7 ICP	15.3		mg/L	0.2
MONTPELIER CR @ KOA	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.001	B	mg/L	0.0006
MONTPELIER CR @ KOA	5/12/2006	Selenium, total	SM 3114 B, AA-Hydrid		U	mg/L	0.001
MONTPELIER CR @ KOA	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
MONTPELIER CR @ KOA	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
MONTPELIER CR @ KOA	5/12/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
MONTPELIER CR @ KOA	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	186		mg/L	2
MONTPELIER CR @ KOA	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5	B	mg/L	1
MONTPELIER CR @ KOA	5/12/2006	Carbonate as CaCO3	SM2320B - Titration	7	B	mg/L	2
MONTPELIER CR @ KOA	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	219		mg/L	1
MONTPELIER CR @ KOA	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
MONTPELIER CR @ KOA	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.13		mg/L	0.02
MONTPELIER CR @ KOA	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.15		mg/L	0.01
MONTPELIER CR @ KOA	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
MONTPELIER CR @ KOA	5/12/2006	Total Alkalinity	SM2320B - Titration	193		mg/L	2
RASMUSSEN CREEK	5/12/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
RASMUSSEN CREEK	5/12/2006	Calcium, dissolved	M200.7 ICP	47.3		mg/L	0.2
RASMUSSEN CREEK	5/12/2006	Chromium, dissolved	M200.8 ICP-MS	0.0008		mg/L	0.0001
RASMUSSEN CREEK	5/12/2006	Copper, dissolved	M200.8 ICP-MS	0.0073		mg/L	0.0005
RASMUSSEN CREEK	5/12/2006	Lead, dissolved	M200.8 ICP-MS	0.0008		mg/L	0.0001
RASMUSSEN CREEK	5/12/2006	Magnesium, dissolved	M200.7 ICP	7.6		mg/L	0.2
RASMUSSEN CREEK	5/12/2006	Nickel, dissolved	M200.8 ICP-MS	0.0038		mg/L	0.0006
RASMUSSEN CREEK	5/12/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.007		mg/L	0.001
RASMUSSEN CREEK	5/12/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
RASMUSSEN CREEK	5/12/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0002
RASMUSSEN CREEK	5/12/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
RASMUSSEN CREEK	5/12/2006	Bicarbonate as CaCO3	SM2320B - Titration	95		mg/L	2
RASMUSSEN CREEK	5/12/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
RASMUSSEN CREEK	5/12/2006	Carbonate as CaCO3	SM2320B - Titration	5	B	mg/L	2
RASMUSSEN CREEK	5/12/2006	Hardness as CaCO3	SM2340B - Calculatio	149		mg/L	1
RASMUSSEN CREEK	5/12/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
RASMUSSEN CREEK	5/12/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.09	B	mg/L	0.02
RASMUSSEN CREEK	5/12/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.04	B	mg/L	0.01
RASMUSSEN CREEK	5/12/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
RASMUSSEN CREEK	5/12/2006	Total Alkalinity	SM2320B - Titration	100		mg/L	2
SAGE LOWER	5/16/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SAGE LOWER	5/16/2006	Calcium, dissolved	M200.7 ICP	53.5		mg/L	0.2
SAGE LOWER	5/16/2006	Chromium, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
SAGE LOWER	5/16/2006	Copper, dissolved	M200.8 ICP-MS	0.0076		mg/L	0.0005
SAGE LOWER	5/16/2006	Lead, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SAGE LOWER	5/16/2006	Magnesium, dissolved	M200.7 ICP	14.4		mg/L	0.2
SAGE LOWER	5/16/2006	Nickel, dissolved	M200.8 ICP-MS	0.0006	B	mg/L	0.0006
SAGE LOWER	5/16/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.012		mg/L	0.001
SAGE LOWER	5/16/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SAGE LOWER	5/16/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0007	B	mg/L	0.0002
SAGE LOWER	5/16/2006	Zinc, dissolved	M200.7 ICP	0.02	B	mg/L	0.01
SAGE LOWER	5/16/2006	Bicarbonate as CaCO3	SM2320B - Titration	175		mg/L	2
SAGE LOWER	5/16/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5	B	mg/L	1
SAGE LOWER	5/16/2006	Carbonate as CaCO3	SM2320B - Titration	8	B	mg/L	2
SAGE LOWER	5/16/2006	Hardness as CaCO3	SM2340B - Calculatio	193		mg/L	1
SAGE LOWER	5/16/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SAGE LOWER	5/16/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	BH	mg/L	0.02
SAGE LOWER	5/16/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.29		mg/L	0.01

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SAGE LOWER	5/16/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	104	H	mg/L	5
SAGE LOWER	5/16/2006	Total Alkalinity	SM2320B - Titration	182		mg/L	2
SAGE LOWER	5/18/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SAGE LOWER	5/18/2006	Calcium, dissolved	M200.7 ICP	56.6		mg/L	0.2
SAGE LOWER	5/18/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
SAGE LOWER	5/18/2006	Copper, dissolved	M200.8 ICP-MS	0.0061		mg/L	0.0005
SAGE LOWER	5/18/2006	Lead, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
SAGE LOWER	5/18/2006	Magnesium, dissolved	M200.7 ICP	15.2		mg/L	0.2
SAGE LOWER	5/18/2006	Nickel, dissolved	M200.8 ICP-MS	0.0006	B	mg/L	0.0006
SAGE LOWER	5/18/2006	Selenium, total	SM 3114 B, AA-Hydr	0.016		mg/L	0.001
SAGE LOWER	5/18/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SAGE LOWER	5/18/2006	Vanadium, dissolved	M200.8 ICP-MS	0.001	B	mg/L	0.0002
SAGE LOWER	5/18/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
SAGE LOWER	5/18/2006	Bicarbonate as CaCO3	SM2320B - Titration	167		mg/L	2
SAGE LOWER	5/18/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	5		mg/L	1
SAGE LOWER	5/18/2006	Carbonate as CaCO3	SM2320B - Titration	17	B	mg/L	2
SAGE LOWER	5/18/2006	Hardness as CaCO3	SM2340B - Calculatio	204		mg/L	1
SAGE LOWER	5/18/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SAGE LOWER	5/18/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.03	BH	mg/L	0.02
SAGE LOWER	5/18/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.15		mg/L	0.01
SAGE LOWER	5/18/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	38		mg/L	5
SAGE LOWER	5/18/2006	Total Alkalinity	SM2320B - Titration	184		mg/L	2
SAGE LOWER	5/19/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SAGE LOWER	5/19/2006	Calcium, dissolved	M200.7 ICP	57.3		mg/L	0.2
SAGE LOWER	5/19/2006	Chromium, dissolved	M200.8 ICP-MS	0.0005	B	mg/L	0.0001
SAGE LOWER	5/19/2006	Copper, dissolved	M200.8 ICP-MS		U	mg/L	0.0005
SAGE LOWER	5/19/2006	Lead, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SAGE LOWER	5/19/2006	Magnesium, dissolved	M200.7 ICP	15.2		mg/L	0.2
SAGE LOWER	5/19/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
SAGE LOWER	5/19/2006	Selenium, total	SM 3114 B, AA-Hydr	0.014		mg/L	0.001
SAGE LOWER	5/19/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SAGE LOWER	5/19/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0007	B	mg/L	0.0002
SAGE LOWER	5/19/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
SAGE LOWER	5/19/2006	Bicarbonate as CaCO3	SM2320B - Titration	173		mg/L	2
SAGE LOWER	5/19/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	6		mg/L	1
SAGE LOWER	5/19/2006	Carbonate as CaCO3	SM2320B - Titration	12	B	mg/L	2
SAGE LOWER	5/19/2006	Hardness as CaCO3	SM2340B - Calculatio	206		mg/L	1
SAGE LOWER	5/19/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SAGE LOWER	5/19/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	BH	mg/L	0.02
SAGE LOWER	5/19/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.18		mg/L	0.01
SAGE LOWER	5/19/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	50		mg/L	5
SAGE LOWER	5/19/2006	Total Alkalinity	SM2320B - Titration	186		mg/L	2
SAGE CR @ HAUL RD	5/19/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SAGE CR @ HAUL RD	5/19/2006	Calcium, dissolved	M200.7 ICP	57.1		mg/L	0.2
SAGE CR @ HAUL RD	5/19/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
SAGE CR @ HAUL RD	5/19/2006	Copper, dissolved	M200.8 ICP-MS	0.0067		mg/L	0.0005
SAGE CR @ HAUL RD	5/19/2006	Lead, dissolved	M200.8 ICP-MS	0.0007		mg/L	0.0001
SAGE CR @ HAUL RD	5/19/2006	Magnesium, dissolved	M200.7 ICP	11.3		mg/L	0.2
SAGE CR @ HAUL RD	5/19/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
SAGE CR @ HAUL RD	5/19/2006	Selenium, total	SM 3114 B, AA-Hydr		U	mg/L	0.001
SAGE CR @ HAUL RD	5/19/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SAGE CR @ HAUL RD	5/19/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
SAGE CR @ HAUL RD	5/19/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
SAGE CR @ HAUL RD	5/19/2006	Bicarbonate as CaCO3	SM2320B - Titration	173		mg/L	2
SAGE CR @ HAUL RD	5/19/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	3	B	mg/L	1
SAGE CR @ HAUL RD	5/19/2006	Carbonate as CaCO3	SM2320B - Titration	7	B	mg/L	2
SAGE CR @ HAUL RD	5/19/2006	Hardness as CaCO3	SM2340B - Calculatio	189		mg/L	1
SAGE CR @ HAUL RD	5/19/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SAGE CR @ HAUL RD	5/19/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.1	BH	mg/L	0.02
SAGE CR @ HAUL RD	5/19/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.16		mg/L	0.01

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SAGE CR @ HAUL RD	5/19/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	54		mg/L	5
SAGE CR @ HAUL RD	5/19/2006	Total Alkalinity	SM2320B - Titration	180		mg/L	2
S. Fk. Sage Abv Spg	5/16/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
S. Fk. Sage Abv Spg	5/16/2006	Calcium, dissolved	M200.7 ICP	29.3		mg/L	0.2
S. Fk. Sage Abv Spg	5/16/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
S. Fk. Sage Abv Spg	5/16/2006	Copper, dissolved	M200.8 ICP-MS	0.0065		mg/L	0.0005
S. Fk. Sage Abv Spg	5/16/2006	Lead, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
S. Fk. Sage Abv Spg	5/16/2006	Magnesium, dissolved	M200.7 ICP	8.4		mg/L	0.2
S. Fk. Sage Abv Spg	5/16/2006	Nickel, dissolved	M200.8 ICP-MS	0.0006	B	mg/L	0.0006
S. Fk. Sage Abv Spg	5/16/2006	Selenium, total	SM 3114 B, AA-Hydr		U	mg/L	0.001
S. Fk. Sage Abv Spg	5/16/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
S. Fk. Sage Abv Spg	5/16/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
S. Fk. Sage Abv Spg	5/16/2006	Zinc, dissolved	M200.7 ICP	0.02	B	mg/L	0.01
S. Fk. Sage Abv Spg	5/16/2006	Bicarbonate as CaCO3	SM2320B - Titration	106		mg/L	2
S. Fk. Sage Abv Spg	5/16/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
S. Fk. Sage Abv Spg	5/16/2006	Carbonate as CaCO3	SM2320B - Titration	4	B	mg/L	2
S. Fk. Sage Abv Spg	5/16/2006	Hardness as CaCO3	SM2340B - Calculatio	108		mg/L	1
S. Fk. Sage Abv Spg	5/16/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
S. Fk. Sage Abv Spg	5/16/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.07	BH	mg/L	0.02
S. Fk. Sage Abv Spg	5/16/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.52		mg/L	0.01
S. Fk. Sage Abv Spg	5/16/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	206	H	mg/L	5
S. Fk. Sage Abv Spg	5/16/2006	Total Alkalinity	SM2320B - Titration	110		mg/L	2
S. Fk. Sage DS	5/16/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
S. Fk. Sage DS	5/16/2006	Calcium, dissolved	M200.7 ICP	38.3		mg/L	0.2
S. Fk. Sage DS	5/16/2006	Chromium, dissolved	M200.8 ICP-MS	0.0005	B	mg/L	0.0001
S. Fk. Sage DS	5/16/2006	Copper, dissolved	M200.8 ICP-MS	0.0019	B	mg/L	0.0005
S. Fk. Sage DS	5/16/2006	Lead, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
S. Fk. Sage DS	5/16/2006	Magnesium, dissolved	M200.7 ICP	13.1		mg/L	0.2
S. Fk. Sage DS	5/16/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
S. Fk. Sage DS	5/16/2006	Selenium, total	SM 3114 B, AA-Hydr	0.001	B	mg/L	0.001
S. Fk. Sage DS	5/16/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
S. Fk. Sage DS	5/16/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
S. Fk. Sage DS	5/16/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
S. Fk. Sage DS	5/16/2006	Bicarbonate as CaCO3	SM2320B - Titration	142		mg/L	2
S. Fk. Sage DS	5/16/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
S. Fk. Sage DS	5/16/2006	Carbonate as CaCO3	SM2320B - Titration	6	B	mg/L	2
S. Fk. Sage DS	5/16/2006	Hardness as CaCO3	SM2340B - Calculatio	150		mg/L	1
S. Fk. Sage DS	5/16/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
S. Fk. Sage DS	5/16/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.1	H	mg/L	0.02
S. Fk. Sage DS	5/16/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.24		mg/L	0.01
S. Fk. Sage DS	5/16/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	82	H	mg/L	5
S. Fk. Sage DS	5/16/2006	Total Alkalinity	SM2320B - Titration	148		mg/L	2
CLIENTID	COLLECTDATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
SLUG CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SLUG CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	57.2		mg/L	0.2
SLUG CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
SLUG CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.003		mg/L	0.0005
SLUG CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
SLUG CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	13		mg/L	0.2
SLUG CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0007	B	mg/L	0.0006
SLUG CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydr		U	mg/L	0.001
SLUG CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SLUG CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
SLUG CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
SLUG CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	217		mg/L	2
SLUG CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	7		mg/L	1
SLUG CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	5	B	mg/L	2
SLUG CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	196		mg/L	1
SLUG CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SLUG CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.04	B	mg/L	0.02

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
SLUG CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.04	B	mg/L	0.01
SLUG CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
SLUG CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	222		mg/L	2
SHEEP CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SHEEP CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	50.2		mg/L	0.2
SHEEP CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
SHEEP CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0023	B	mg/L	0.0005
SHEEP CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
SHEEP CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	9.9		mg/L	0.2
SHEEP CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0068		mg/L	0.0006
SHEEP CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.009		mg/L	0.001
SHEEP CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SHEEP CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
SHEEP CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
SHEEP CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	137		mg/L	2
SHEEP CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
SHEEP CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	5	B	mg/L	2
SHEEP CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	166		mg/L	1
SHEEP CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SHEEP CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.22		mg/L	0.02
SHEEP CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.12		mg/L	0.01
SHEEP CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	16	BH	mg/L	5
SHEEP CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	142		mg/L	2
SPRING CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
SPRING CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	54.7		mg/L	0.2
SPRING CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
SPRING CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0041		mg/L	0.0005
SPRING CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0005		mg/L	0.0001
SPRING CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	10.7		mg/L	0.2
SPRING CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
SPRING CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.03		mg/L	0.001
SPRING CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
SPRING CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
SPRING CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
SPRING CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	176		mg/L	2
SPRING CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	4	B	mg/L	1
SPRING CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	4	B	mg/L	2
SPRING CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	181		mg/L	1
SPRING CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
SPRING CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.05	B	mg/L	0.02
SPRING CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.07		mg/L	0.01
SPRING CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
SPRING CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	180		mg/L	2
STATE LAND CR	5/15/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
STATE LAND CR	5/15/2006	Calcium, dissolved	M200.7 ICP	45.5		mg/L	0.2
STATE LAND CR	5/15/2006	Chromium, dissolved	M200.8 ICP-MS	0.0004	B	mg/L	0.0001
STATE LAND CR	5/15/2006	Copper, dissolved	M200.8 ICP-MS	0.0069		mg/L	0.0005
STATE LAND CR	5/15/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
STATE LAND CR	5/15/2006	Magnesium, dissolved	M200.7 ICP	10.3		mg/L	0.2
STATE LAND CR	5/15/2006	Nickel, dissolved	M200.8 ICP-MS	0.0026	B	mg/L	0.0006
STATE LAND CR	5/15/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.032		mg/L	0.002
STATE LAND CR	5/15/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
STATE LAND CR	5/15/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0014		mg/L	0.0002
STATE LAND CR	5/15/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
STATE LAND CR	5/15/2006	Bicarbonate as CaCO3	SM2320B - Titration	99		mg/L	2
STATE LAND CR	5/15/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	6		mg/L	1
STATE LAND CR	5/15/2006	Carbonate as CaCO3	SM2320B - Titration		U	mg/L	2
STATE LAND CR	5/15/2006	Hardness as CaCO3	SM2340B - Calculatio	156		mg/L	1
STATE LAND CR	5/15/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
STATE LAND CR	5/15/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C		UH	mg/L	0.02

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
STATE LAND CR	5/15/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.15		mg/L	0.01
STATE LAND CR	5/15/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
STATE LAND CR	5/15/2006	Total Alkalinity	SM2320B - Titration	99		mg/L	2
TRAIL CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
TRAIL CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	63.8		mg/L	0.2
TRAIL CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
TRAIL CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0041		mg/L	0.0005
TRAIL CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0005	B	mg/L	0.0001
TRAIL CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	11.5		mg/L	0.2
TRAIL CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS	0.0007	B	mg/L	0.0006
TRAIL CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid		U	mg/L	0.001
TRAIL CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
TRAIL CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
TRAIL CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP		U	mg/L	0.01
TRAIL CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration	193		mg/L	2
TRAIL CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	7		mg/L	1
TRAIL CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration	8	B	mg/L	2
TRAIL CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	207		mg/L	1
TRAIL CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
TRAIL CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.02	B	mg/L	0.02
TRAIL CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.03	B	mg/L	0.01
TRAIL CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
TRAIL CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration	201		mg/L	2
Wooley Valley Cr	5/9/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
Wooley Valley Cr	5/9/2006	Calcium, dissolved	M200.7 ICP	55		mg/L	0.2
Wooley Valley Cr	5/9/2006	Chromium, dissolved	M200.8 ICP-MS	0.0003	B	mg/L	0.0001
Wooley Valley Cr	5/9/2006	Copper, dissolved	M200.8 ICP-MS	0.0058		mg/L	0.0005
Wooley Valley Cr	5/9/2006	Lead, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
Wooley Valley Cr	5/9/2006	Magnesium, dissolved	M200.7 ICP	10.3		mg/L	0.2
Wooley Valley Cr	5/9/2006	Nickel, dissolved	M200.8 ICP-MS	0.0017	B	mg/L	0.0006
Wooley Valley Cr	5/9/2006	Selenium, total	SM 3114 B, AA-Hydrid	0.008		mg/L	0.001
Wooley Valley Cr	5/9/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
Wooley Valley Cr	5/9/2006	Vanadium, dissolved	M200.8 ICP-MS	0.0013		mg/L	0.0002
Wooley Valley Cr	5/9/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
Wooley Valley Cr	5/9/2006	Bicarbonate as CaCO3	SM2320B - Titration	154	H	mg/L	2
Wooley Valley Cr	5/9/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR	12		mg/L	1
Wooley Valley Cr	5/9/2006	Carbonate as CaCO3	SM2320B - Titration	8	BH	mg/L	2
Wooley Valley Cr	5/9/2006	Hardness as CaCO3	SM2340B - Calculatio	180		mg/L	1
Wooley Valley Cr	5/9/2006	Hydroxide as CaCO3	SM2320B - Titration		UH	mg/L	2
Wooley Valley Cr	5/9/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C		UH	mg/L	0.02
Wooley Valley Cr	5/9/2006	Phosphorus, total	M365.1 - Auto Ascorb	0.14		mg/L	0.01
Wooley Valley Cr	5/9/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
Wooley Valley Cr	5/9/2006	Total Alkalinity	SM2320B - Titration	162	H	mg/L	2
RAIN CREEK-BLANK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
RAIN CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP		U	mg/L	0.2
RAIN CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
RAIN CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0054		mg/L	0.0005
RAIN CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0006		mg/L	0.0001
RAIN CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP		U	mg/L	0.2
RAIN CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
RAIN CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid		U	mg/L	0.001
RAIN CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
RAIN CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
RAIN CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP	0.02	B	mg/L	0.01
RAIN CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration		U	mg/L	2
RAIN CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR		U	mg/L	1
RAIN CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration		U	mg/L	2
RAIN CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio			mg/L	1
RAIN CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
RAIN CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.04	B	mg/L	0.02

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CLIENTID	COLLECT DATE	ANALYTE	METHOD	RESULT	QUAL	UNITS	MDL
RAIN CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb		U	mg/L	0.01
RAIN CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric		UH	mg/L	5
RAIN CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration		U	mg/L	2
THOMPSON CREEK	5/11/2006	Cadmium, dissolved	M200.8 ICP-MS		U	mg/L	0.0001
THOMPSON CREEK	5/11/2006	Calcium, dissolved	M200.7 ICP	0.3	B	mg/L	0.2
THOMPSON CREEK	5/11/2006	Chromium, dissolved	M200.8 ICP-MS	0.0002	B	mg/L	0.0001
THOMPSON CREEK	5/11/2006	Copper, dissolved	M200.8 ICP-MS	0.0053		mg/L	0.0005
THOMPSON CREEK	5/11/2006	Lead, dissolved	M200.8 ICP-MS	0.0009		mg/L	0.0001
THOMPSON CREEK	5/11/2006	Magnesium, dissolved	M200.7 ICP	0.3	B	mg/L	0.2
THOMPSON CREEK	5/11/2006	Nickel, dissolved	M200.8 ICP-MS		U	mg/L	0.0006
THOMPSON CREEK	5/11/2006	Selenium, total	SM 3114 B, AA-Hydrid		U	mg/L	0.001
THOMPSON CREEK	5/11/2006	Silver, dissolved	M200.8 ICP-MS		U	mg/L	0.00005
THOMPSON CREEK	5/11/2006	Vanadium, dissolved	M200.8 ICP-MS		U	mg/L	0.0002
THOMPSON CREEK	5/11/2006	Zinc, dissolved	M200.7 ICP	0.01	B	mg/L	0.01
THOMPSON CREEK	5/11/2006	Bicarbonate as CaCO3	SM2320B - Titration		U	mg/L	2
THOMPSON CREEK	5/11/2006	Carbon, total organic (TOC)	M415.1 Combustion/IR		U	mg/L	1
THOMPSON CREEK	5/11/2006	Carbonate as CaCO3	SM2320B - Titration		U	mg/L	2
THOMPSON CREEK	5/11/2006	Hardness as CaCO3	SM2340B - Calculatio	2	B	mg/L	1
THOMPSON CREEK	5/11/2006	Hydroxide as CaCO3	SM2320B - Titration		U	mg/L	2
THOMPSON CREEK	5/11/2006	Nitrate/Nitrite as N, dissolve	M353.2 - Automated C	0.22	H	mg/L	0.02
THOMPSON CREEK	5/11/2006	Phosphorus, total	M365.1 - Auto Ascorb		U	mg/L	0.01
THOMPSON CREEK	5/11/2006	Residue, Non-Filterable (TSS)	M160.2 - Gravimetric	6	BH	mg/L	5
THOMPSON CREEK	5/11/2006	Total Alkalinity	SM2320B - Titration		U	mg/L	2

All samples except Sage Creek at Crow Creek Road were composited in the laboratory.
Sage Creek at Crow Creek Road samples were analyzed individually at the laboratory

Georgetown @ Rt. Hand Fork filtered, unpreserved sample and filtered nitric sample contains only 8 an

id 11 May samples. 10 May was lost in compositing process.

**2006 Water Monitoring Data
Collected by Newfields for Simplot**

Sample Location	Location Description	High-Flow Sample Date	Flow (cfs)	Dissolved Selenium mg/L	Total Recoverable Selenium (mg/L)	Low-Flow Sample Date	Flow (cfs)	Dissolved Selenium mg/L	Total Recoverable Selenium (mg/L)
Smoky Canyon Mine High- and Low-Flow Monitoring Results									
ET	Drainage on eastern side of Sage Valley, approximately 150 yards southeast of Tailings Pond No. 2.	5/21/2006	1.55	0.0012	0.00093	10/17/2006	0.03	0.00042	0.00041
UT-1	Upper Tygee	5/21/2006	0.52	0.00035	0.00035	10/17/2006	0.05	<0.0002	0.00023
LT-3	Lowest Tygee below TP-2	5/21/2006	1.53	0.00094	0.0012	10/17/2006	0.34	0.00064	0.00065
UR	Upper Roberts Creek	5/21/2006	0.54	0.00021	0.00021	10/17/2006	0.29	<0.0002	0.00022
USm	Smoky Creek, above activity at Smoky Canyon Mine	5/22/2006	3.52	<0.0002	<0.0002	10/16/2006	0.06	<0.0002	<0.0002
MSm	Middle Smoky Ck	5/22/2006	0.61	0.00049	0.00061	10/18/2006	dry	—	—
LSmS	Lower Smoky Spring	5/22/2006	2.12	0.0002	0.00026	10/18/2006	0.19	0.00028	0.00021
LSm	Lower Smoky Ck	5/22/2006	3.53	0.0002	0.00026	10/18/2006	0.628	0.0002	0.00021
UP	Upper Pole Canyon Ck	5/21/2006	NM	0.00035	0.0004	10/16/2006	1.04	0.00069	<0.0002
LP	Lower Pole Canyon Ck	5/21/2006	4.97	0.928	0.936	10/16/2006	dry	—	—
LP-1	Lower Pole Canyon discharge	5/21/2006	8.38	—	0.992	10/16/2006	dry	—	—
NSV-6	North Fork Sage Creek, below Pole Creek	no sample	NM	—	—	10/17/2006	0.93	0.0013	0.0013
US	Upper Sage	5/22/2006	NM	0.00021	0.00042	10/17/2006	3.75	<0.0002	<0.0002
LS	Sage Creek located at mouth of canyon at Smoky Canyon Mine haul road crossing and National Forest boundary	5/22/2006	47.03	0.00034	0.0005	10/16/2006	0.06	<0.0002	<0.0002
HS	Spring located between Lower South Sage and Lower Sage sampling locations, approximately 100 yards downstream from	5/17/2006	NM	0.0169	0.0189	10/16/2006	2.15	0.016	0.0167
HS-3	Hoopes Spring (discharge channel) near Sage Creek confluence	5/22/2006	3.39	0.0173	0.0162	1/13/2007	—	0.0192	—
USS	upper South Fork Sage Creek located approximately 1.3 miles above National Forest boundary	no sample	NM	—	—	10/17/2006	4.85	—	0.0106
LSS	lower South Fork Sage Creek below springs and above confluence with Sage Creek	5/23/2006	NM	<0.0002	<0.0002	10/16/2006	0.04	0.0004	0.0002
LSV-1	Sage Creek below inflow from North Sage Creek	5/22/2006	23.6	0.002	0.0019	10/16/2006	11.85	0.0056	0.0056
LSV-2	Sage Creek below Hoopes Spring	1/13/2007	—	—	—	—	—	0.0081	—
LSV-3	Sage Creek below S.Fork Sage Creek	5/21/2006	NM	0.0166	0.0336	10/17/2006	2.57	—	0.0012
LSV-4	Sage Creek above Crow Creek, just above bridge for main Crow Creek road	5/21/2006	NM	—	0.0252	10/17/2006	13.7C	—	0.01
CC-1	Crow Creek downstream of Sage Creek	5/21/2006	52.33	0.0166	0.0232	10/16/2006	20.55	0.007	0.0074
SW-CC-SIM	Crow Creek near original CC-1	5/21/2006	52.33	0.0166	0.0232	10/16/2006	20.55	0.007	0.0074
CC-3	Crow Creek downstream of CC-1	5/21/2006	NM	—	0.0146	10/16/2006	17.86	—	0.0078
CC-1	Crow Creek downstream of Sage Creek	5/23/2006	139.85	—	0.0054	no sample	NM	—	—
SW-CC-SIM	Crow Creek near original CC-1	no sample	NM	—	—	10/18/2006	43.86	—	0.0034
CC-3	Crow Creek downstream of CC-1	5/23/2006	144.54	—	0.0052	10/19/2006	NM	—	0.0012
Panels F and G 2006 Baseline Surface Water Quality Monitoring									
SW-SFSC-500	South Fork Sage Creek upstream of Panel F lease boundary	5/23/2006	10.48	—	<0.0002	10/16/2006	0.00	—	0.00023
SP-MC-300	Spring in Manning Ck	5/23/2006	0.27	—	0.00023	10/19/2006	dry	—	—
SP-Reide	Reide springs	5/25/2006	NM	—	0.00087	10/19/2006	dry	—	—
SW-CC-100	Crow Ck	5/25/2006	29.05	—	0.00067	10/18/2006	10.37	—	0.00081
SW-CC-300	Crow Ck	5/23/2006	83.72	—	0.0011	10/18/2006	24.95	—	0.00086
SP-WC-750	Spring in Wells Canyon	5/25/2006	NM	—	0.0007	10/18/2006	0.07	—	0.00075
SP-WC-400	Spring in Wells Canyon	5/25/2006	0.23	—	0.0034	10/18/2006	0.21	—	0.0037
SW-WC-800	Wells Canyon	5/25/2006	0.49	—	0.00081	10/18/2006	0.28	—	0.00057
SW-NFDC-200	Upper North Fork Deer Creek ½-mile downstream of divide	5/24/2006	0.74	—	0.0019	10/19/2006	—	—	0.0012
SP-UTNFDC-540	North Fork Deer Creek, Spring	5/24/2006	0.23	—	0.0086	10/19/2006	—	—	0.0047
SW-NFDC-900	North Fork Deer Ck	5/24/2006	7.13	—	0.0012	10/19/2006	0.00	—	0.0014
SW-SFDC-300	South Fork Deer Ck	5/25/2006	3.88	—	0.00037	10/19/2006	dry	—	—
SW-DC-400	Deer Ck	5/24/2006	22.6	—	0.0007	10/19/2006	dry	—	—
SW-DC-500	Deer Ck	5/24/2006	20.39	—	0.00083	10/19/2006	—	—	0.0014
SW-DC-600	Deer Ck	5/25/2006	30.72	—	0.001	10/18/2006	2.77	—	0.0014
SP-UTDC-700	Small spring north of Panel G near Deer Creek channel	5/24/2006	NM	—	0.0078	10/19/2006	—	—	0.0037
SP-UTDC-800	Spring in upper Deer Ck	5/24/2006	NM	—	0.00067	10/19/2006	dry	—	—

Table 2. Groundwater Water Level Elevations and Selenium Concentration Data, 2006

Sample Location	Location Description	Sample Date	Water Level Elevation (ft amsl)	Dissolved Selenium (mg/L)	Total Recoverable Selenium (mg/L)
Groundwater Monitoring					
GW-CO	Consent Order well	5/3/2006	NM	---	0.0037
		9/18/2006	NM	0.0029	---
		11/13/2006	NM	---	0.0035
GW-CW	Culinary well	4/1/2006	NM	---	0.0288
		4/9/2006	NM	---	0.037
		5/3/2006	NM	---	0.0431
		9/18/2006	NM	0.0456	---
		11/13/2006	NM	---	0.0354
GW-IW	Industrial well	4/9/2006	NM	---	0.0131
		11/13/2006	NM	---	0.0132
GW-15	Alluvial well, lower Pole Canyon	5/16/2006	6846.70	1.48	1.43
		9/20/2006	6823.80	0.895	0.936
		10/18/2006	6819.97	0.766	0.796
GW-16	Wells Fm well, lower Pole Canyon	5/19/2006	6638.90	0.822	0.7
		9/20/2006	6640.80	0.714	0.723
		10/18/2006	6639.40	0.476	0.492
GW-18	Wells Fm well, near Hoopes Spring	5/17/2006	6634.10	0.0045	0.0044
		9/19/2006	6634.90	---	0.0039
		10/19/2006	6634.15	0.0028	0.0033
GW-19	Alluvial well, Sage Valley	5/22/2006	6624.35	0.00094	0.00088
		10/19/2006	6622.00	0.00042	0.00087
GW-20	Alluvial well, Sage Valley	5/22/2006	6529.90	0.00058	0.00059
		10/19/2006	6531.05	0.00046	0.00068
GW-22	Alluvial well, Sage Valley	5/17/2006	6746.30	0.0461	0.044
		9/21/2006	6742.80	0.0174	0.0177
		10/18/2006	6740.90	0.0225	0.025
DC-MW-5	Wells Fm well, Deer Creek	6/22/2006	6929.00	0.0106	---
MC-MW-1	Wells Fm well, S. Fork Sage Creek	5/19/2006	6639.60	0.00037	0.00034
MC-MW-5	Phosphoria Fm well, Manning Ck	6/22/2006	7829.50	0.0171	---