

SAMPLING LOCATION 2004	DATE	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	6/23	21.77	11:17	6.6	.222	81.3	9.97	8.26
HOWARD FORK	6/23	24.06	11:33	7.01	.464	81.6	9.89	7.88
SMIG ABOVE BEAR	6/24	52.66	12:30	7.42	.211	81.1	9.75	7.63
BEAR CREEK	6/24	27.99	12:19	5.93	.108	82.5	10.29	8.09
CORONET CREEK	6/24	2.43	11:52	7.73	.181	81.9	9.76	8.28
CAMEL'S GARDEN	6/24	<1	1:06	8.43	.195	85.4	10.05	8.4
MILL CREEK	6/24	14.48	1:36	7.04	.094	82.3	9.98	8.13
BILK CREEK	6/23	29.84	3:02	11.97	.120	84.3	9.09	8.12
DEEP CREEK	6/22	20.52	3:43	10.89	.171	83.6	9.24	8.22
BIG BEAR CREEK	6/22	13.89	3:25	12.69	.285	83.8	8.89	8.49
FALL CREEK	6/23	24.5	4:48	14.85	.250	84.4	8.53	8.54
LEOPARD CREEK	6/23	9.26	4:24	16.92	.423	85.5	8.27	8.64
SPECIE CREEK	6/23	.5	4:04	16.82	.480	86.1	8.34	8.45
PROSPECT CREEK	6/24	5.37	2:03	8.41	.129	81.9	9.6	8.32
TURKEY CREEK	6/23	1.42	11:57	8.98	.190	82.7	9.56	8.32
SM-MAHONEY	6/24	76.71	11:34	7.42	.184	82	9.84	7.77
SM-SPECIE	6/21-4	491-386						
HF-E OPHIR	6/21	.85	12:12	5.84	.490	77.5	9.61	7.4
HF-ABOVE CARB	6/21	1.06	12:36	5.76	.389	78.1	9.74	7.47
HF-BELOW CARB	6/21	.78	12:30	6.08	.476	77.5	9.64	7.42
CARBONERO	6/21		12:41	6.6	1.258	76.8	9.4	7.11
WATERFALL	6/21	18.9	1:56	4.68	.206	77.7	10.0	7.88

SAMPLING LOCATION 2004	DATE	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	7/20	13.18	11:48	11.51	.285	86.3	9.39	8.49
HOWARD FORK	7/20	35.46	12:01	9.46	.526	97.0	9.93	7.97
SMIG ABOVE BEAR	7/21	30.01	1:35	13.88	.244	88.9	9.18	7.89
BEAR CREEK	7/21	16.16	1:21	9.54	.124	88.4	10.08	8.24
CORONET CREEK	7/21	.83	12:56	13.37	.217	88.1	9.2	8.48
CAMEL'S GARDEN	7/21	<.5	1:07	12.59	.280	89.1	9.46	8.57
MILL CREEK	7/20	1.9	1:18	10.6	.117	86.7	9.64	8.29
BILK CREEK	7/19	45.76	12:01	10.91	.118	88.9	9.82	8.36
DEEP CREEK	7/19	13.75	12:35	11.99	.191	92.1	9.92	8.34
BIG BEAR CREEK	7/19	20.14	12:51	14.47	.314	90.6	9.23	8.57
FALL CREEK	7/19	21.97	1:28	16.10	.312	89.7	8.96	8.66
LEOPARD CREEK	7/19	5.81	1:46	17.55	.450	97.1	9.27	8.6
SPECIE CREEK	7/19	.62	2:05	15.8	.548	92.5	9.13	8.41
PROSPECT CREEK	7/20	3.81	1:43	11.7	.172	86.1	9.33	8.53
TURKEY CREEK	7/20	.766	12:28	13.8	.246	88.1	9.1	8.56
SM-MAHONEY	7/21	52.19	12:41	12.32	.227	88.9	9.5	7.88
SM-SPECIE	7/19-21	305-263						
HF-E OPHIR	7/21	.57	10:00	6.85	.667	82.0	9.98	7.41
HF-ABOVE CARB	7/21	.68	10:30	7.07	.509	83.0	10.04	7.46
HF-BELOW CARB	7/21	.62	10:20	7.07	.603	81.8	9.9	7.53
CARBONERO	7/21		10:35	8.87	1.210	83.0	9.57	7.76
WATERFALL	7/21	11.25	11:25	7.08	.258	85.4	10.34	8.07

SAMPLING LOCATION 2004	DATE	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	8/16	6.82	12:54	10.77	.318	80.5	8.91	8.53
HOWARD FORK	8/16	3.91	1:09	9.54	.509	80.1	9.12	8.14
SMIG ABOVE BEAR	8/17	6.48	1:40	12.05	.400	84.1	9.04	8.13
BEAR CREEK	8/17	4.61	1:25	8.11	.177	80.9	9.55	8.48
CORONET CREEK	8/17	.259	1:05	11.69	.242	79.6	8.64	8.37
CAMEL'S GARDEN	8/16	<.5	3:16	10.89	.308	76.8	8.48	8.42
MILL CREEK	8/16	2.08	3:00	8.96	.141	77.1	8.91	8.26
BILK CREEK	8/16	7.59	2:00	13.17	.216	80.2	8.41	8.35
DEEP CREEK	8/16	10.61	2:34	11.34	.325	80.4	8.79	8.21
BIG BEAR CREEK	8/18	6.15	1:06	11.45	.334	82.8	9.02	8.52
FALL CREEK	8/18	10.25	1:33	12.21	.358	83.2	8.91	8.51
LEOPARD CREEK	8/18	2.99	1:56	14.11	.476	92.5	9.50	8.42
SPECIE CREEK	8/18	<.5	2:24	13.94	.551	92.2	9.50	8.28
PROSPECT CREEK	8/17	1.49	12:04	12.43	.195	78.9	8.41	8.44
TURKEY CREEK	8/16	.334	1:34	11.78	.301	79.9	8.64	8.45
SM-MAHONEY	8/17	16.41	12:51	11.79	.344	80.1	8.66	7.78
SM-SPECIE	104-120							
HF-E OPHIR	8/19	.4 gauge	1:19	7.87	.860	75.3	8.87	7.49
HF-ABOVE CARB	8/19	.54 gauge	1:34	7.47	.678	75.3	9.05	7.52
HF-BELOW CARB	8/19	.57 gauge	1:46	7.69	.755	76.0	9.10	7.48
CARBONERO	8/19	< 1	1:34	8.05	1.23	77.6	9.07	7.76
WATERFALL	8/19	3.22	12:03	5.59	.373	75.7	9.51	8.09

SAMPLING LOCATION 2004	DATE	FLOW	TIME	TEMP	COND	DO% #s lo- probs?	DO	PH
LAKE FORK	9/22	30.63	1:27	7.32	.260	12.77	15.7	8.21
HOWARD FORK	9/22	33.91	1:43	5.74	.556	13.86	17.3	7.89
SMIG ABOVE BEAR	9/23	32.01	1:41	7.88	.272	96.8	11.49	7.81
BEAR CREEK	9/23	8.69	1:30	6.04	.166	94.2	11.71	8.28
CORONET CREEK	9/23	.5	1:15	7.58	.239	96.1	11.5	8.36
CAMEL'S GARDEN	9/22	<.5	3:13	5.55	.301	12.82	16.1	8.48
MILL CREEK	9/20	.873	2:20	8.39	.144	9.6	11.3	8.2
BILK CREEK	9/20	112.47	2:59	9.65	.097	12.0	1.37	8.02
DEEP CREEK	9/20	16.65	2:44	9.52	.203	11.2	12.8	8.14
BIG BEAR CREEK	9/21	20.35	3:33	7.4	.278	10.5	12.6	8.36
FALL CREEK	9/21	32.1	3:03	9.04	.292	12.0	13.8	8.44
LEOPARD CREEK	9/21	5.12	2:37	9.72	.470	12.8	14.5	8.4
SPECIE CREEK	9/21	.74	2:17	9.29	.610	12.5	14.3	8.2
PROSPECT CREEK	9/20	5.74	3:32	9.64	.20	12.3	13.9	8.37
TURKEY CREEK	9/22	.26	2:09	5.13	.304	13.84	17.6	8.41
SM-MAHONEY	9/23	39.87	1:00	8.08	.280	97.0	11.47	7.78
SM-SPECIE	317-	293- 223-	194					
HF-E OPHIR	9/23	.55 gauge	10:25	3.15	.676	91.2	1.220	7.56
HF-ABOVE CARB	9/23	.68 gauge	10:55	3.68	.523	89.7	11.89	7.53
HF-BELOW CARB	9/23	.65 gauge	10:41	3.51	.587	88.6	11.74	7.58
CARBONERO	9/23	<1 cfs	11:00	5.17	1.284	101.29	12.85	7.89
WATERFALL	9/23	13.05	11:58	3.94	.328	91.3	11.98	8.07

SAMPLING LOCATION	DATE 2005	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi	Ph-port
HF-EOPHIR	5/26	1.28g	12:24	5.7C	.373	108.5	13.58	7.43	7.54
HF-ABOVE CARB	5/26	1.5g	12:57	5.83	.320	108.7	13.57	7.43	7.75
HF-BELOW C	5/26	.94g	12:46	5.86	.335	108.3	13.53	7.46	7.78
CARBONERO	5/26	2-3 cfs	1:04	13.75	.882	109.1	11.28	7.42	7.59
WATERFALL	5/26	15.8	1:52	4.65	.202	109.2	14.06	7.52	8.08
HF-BELOW CARRIBEAU	5/23	Too hi	3:27	7.67	.360	107.5	12.82	7.63	7.76
LAKE FORK	5/23	Too hi	3:02	5.9	.181	110.4	13.76	7.79	8.32
HF-BELOW PENSTOCK	5/23	Too hi	3:11	8.78	.391	111.0	12.9	7.72	7.94
PROSPECT CR	5/24	30.79	12:25	5.68	.108	108.5	13.62	7.4	8.27
TURKEY CR.	5.24	46.46	11:41	5.06	.137	113.1	14.41	7.44	8.28
SMIG ABOVE BEAR	5/24	Too hi	2:42	6.98	.149	109.6	13.3	7.77	7.9
BEAR CREEK	5/24	69.29	2:53	6.04	.112	111.0	13.8	7.74	8.28
CORONET CR.	5/24	34.1	1:44	7.94	.117	109.1	12.94	7.63	8.31
CAMEL'S G.	5/24	10.17	2:06	6.36	.122	109.5	13.5	7.8	8.37
SMMAHONEY	5/24	2.8G	1:31	7.26	.143	109.5	13.2	7.63	8.01
MILL CREEK	5/23	70-75	12:50	6.25	.098	109	13.48	7.49	8.27
SOCIETYTURN	5/23	Too hi	13:24	9.6	.145	.110	12.56	7.64	7.91
SMKEYSTONE	5/23	Too hi	2:11	10.56	.150	113.0	12.58	7.73	8.23
BILK CR.	5/23	119.53	1:42	8.93	.121	111.9	12.95	7.71	8.22
DEEP CREEK	5/25	24.2	3:17	9.07	.134	113.7	13.12	8.01	8.15
SM AT DEEP	5/25	Too hi	3:34	10.08	.170	113.7	12.8	7.95	8.15
BIG BEAR CR.	5/25	58.04	2:51	12.04	.228	115	12.36	8.00	8.34
FALL CREEK	5/25	Too hi	2:17	9.53	.196	115.6	13.18	7.94	8.4
SM-LEOPARD	5/25	1200?	1:57	9.25	.197	116.4		7.94	8.21
LEOPARD CR.	5/25	26.34	1:37	13.10	.316	199.5	12.55	8.04	8.41
SPECIE CREEK	5/25	5.33	1:08	13.13	.385	117.4	12.32	7.8	8.65
SM-SPECIE G.	5/25	1320	1:00	7.93	.196	117.9	14.00	7.68	8.28
PINYON BR.									
SM-BELOW POWERPLANT									
SM-BELOW DRY CR.	5/22	2200	3:21	12.8	.261	128.1	13.58	7.31	
SMCALAMITY	5/22	2200	3:08	12.96	.252	13.02	14.01	7.27	
SMTAB.BRIDGE	5/22	2200	2:45	13.06	.253	128.1	13.44	7.09	
SM-DOL.CONF.	5/22	2200	2:17	13.42	.260	130.7	13.62	7.02	
HF-BELOW WF	5/23	Too hi	3:39	5.79	.332	108.2	13.53	7.61	7.78

SAMPLING LOCATION	DATE 2005	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi	Ph-port
HF-EOPHIR	6/23	1.28 g	11:06	5.82	.383	94.1	11.32	7.23	
HF-ABOVE CARB	6/23	1.68	11:34	5.53	.311	97.4	12.3	7.27	
HF-BELOW C	6/23	.92	11:27	5.68	.369	94.6	12.0	7.32	
CARBONERO	6/23	2-3.0	11:41	7.73	1.23	85.0	10/09	7.18	
WATERFALL	6/23	59.0	12:22	4.74	.168	93.9	12.08	7.21	
HF-BELOW CARRIBEAU	6/22	Hi-150?	11:43	6.74	.324	113.3	13.83	7.16	
LAKE FORK	6/22	Hi300?	11:55	10.35	.179	117.6	13.12	7.21	
HF-BELOW PENSTOCK	6/22	Hi-250?	12:03	7.28	.335	118.3	14.33	7.18	
PROSPECT CR	6/22	15.28	12:13	8.10	.108	103.4	12.21	7.35	
TURKEY CR.	6/22	8.08	12:27	11.16	.154	117.3	12.91	7.25	
SMIG ABOVE BEAR	6/21	172.66	1:27	9.22	.138	112.5	13.04	7.16	8.12
BEAR CREEK	6/21	54.95	1:10	7.56	.092	112.6	13.47	7.18	8.16
CORONET CR.	6/21	10.21	12:46	8.52	.139	112.7	13.18	7.15	8.34
CAMEL'S G.	6/21	3-5.0	2:17	9.43	.125	116.0	13.19	7.38	8.4
SMMAHONEY	6/21	2.94	12:30	8.64	.137	105.7	12.37	7.16	8.17
MILL CREEK	6/21	53.66	3:50	7.39	.081	101.8	12.23	7.32	8.38
SOCIETYTURN	6/21	350?	4:32	9.61	.129	110.7	12.56	7.24	8.02
SF-VANCE	6/22	550?	12:44	10.89	.245	126.2	14.00	7.34	
SMKEYSTONE	6/22	500?	12:53	9.30	.134	121.7	13.96	7.30	
BILK CR.	6/22	123.16	1:08	8.25	.097	109.8	12.96	7.27	
DEEP CREEK	6/20	54.38	5:47	9.18	.135	121.7	14.01	7.38	8.24
SM AT DEEP	6/20	850?	6:02	10.4	.173	126.8	14.10	7.24	8.19
BIG BEAR CR.	6/20	35.36	5:24	12.95	.235	118.8	12.52	7.33	8.50
FALL CREEK	6/20	100?	5:02	9.91	.177	118.7	13.43	7.37	8.37
SM-LEOPARD	6/20	1000?	4:47	11.75	.194	119.5	12.93	7.42	8.37
LEOPARD CR.	6/20	12.10	4:33	18.04	.400	122.9	11.61	7.44	8.71
SPECIE CREEK	6/20	.99	1:24	15.81	.388	131.8	13.05	7.28	8.7
SM-SPECIE G.	6/20	1010	4:02	12.50	.198	117.4	12.48	7.27	8.41
PINYON BR.									
SM-BELOW POWERPLANT									
SM-BELOW DRY CR.									
SMCALAMITY									
SMTAB.BRIDGE									
SM-DOL.CONF.									
HFBELOWWFALL-ABOVE CARRIBE	6/22	400?	11:35	6.33	.306	205.1	12.73	7.17	

SAMPLING LOCATION	DATE 2005	FLOW	TIME	TEMP	COND	DO%#s lo-probs?	Doprobs?	PH Ysi	Ph-port
HF-EOPHIR	7/21	.73 g	10:57	7.34	.606	.4	.05	7.1	
HF-ABOVE CARB	7/21	.57g	11:17	7.44	.560	.4	.05	7.18	
HF-BELOW C	7/21	.96g	11:24	7.59	.458	.4	.05	7.2	
CARBONERO	7/21	2-3	11:30	9.16	1.216	.5	.06	7.2	
WATERFALL	7/21	15.99	12:15	7.66	.221	.7	.08	7.23	
HF-BELOW CARRIBEAU	7/21	39-40	12:51	8.78	.493	.8	.10	7.35	
LAKE FORK	7/20	Too hi	1:06	14.45	.192	1.5	.15	7.26	
HF-BELOW PENSTOCK	7/20	24.51	1:17	10.65	.460	.8	.10	7.33	
PROSPECT CR	7/21	4.02	4:07	11.3	.147	.5	.05	7.28	
TURKEY CR.	7/20	1.29	1:47	13.45	.195	1.4	.14	7.55	
SMIG ABOVE BEAR	7/19	53.15	1:28	11.68	.189	4.0	.43	7.45	
BEAR CREEK	7/19	20.01	1:11	8.81	.109	3.3	.38	7.55	
CORONET CR.	7/19	.672	12:44	11.37	.210	3.5	.37	7.46	
CAMEL'S G.	7/19	<1	12:56	11.32	.252	3.3	.36	7.55	
SMMAHONEY	7/10	76.6	12:29	9.96	.184	3.8	.43	7.48	
MILL CREEK	7/19	9.38	2:06	10.02	.099	3.1	.35	7.48	
SOCIETYTURN	7/19	80-85	2:23	14.58	.189	3.9	.39	7.46	
SF-VANCE	7/19	Too hi	2:06	14.21	.315	1.5	.15	7.6	
SMKEYSTONE	7/21	Too hi	2:17	15.14	.199	1.6	.16	7.50	
BILK CR.	7/20	33.93	2:32	11.31	.105	1.2	.12	7.52	
DEEP CREEK	7/18	18.46	12:13	10.09	.181	9.2	1.04	7.44	
SM AT DEEP	7/18	380-90	11:55	10.62	.223	6.9	.76	7.54	
BIG BEAR CR.	7/18	18.43	12:30	11.22	.245	8.9	.98	7.45	
FALL CREEK	7/18	30.51	1:06	13.63	.231	8.5	.88	7.55	
SM-LEOPARD	7/18	425	1:31	12.66	.234	8.3	.88	7.55	
LEOPARD CR.	7/18	5.92	1:44	18.87	.425	10.3	.96	7.52	
SPECIE CREEK	7/18	<1	2:29	20.83	.541	9.7	.87	7.55	
SM-SPECIE G.	7/18	461	2:07	13.84	.234	8.4	.86	7.68	
SM-BELOW POWERPLANT									
SM-BELOW DRY									
SMCALAMITY									
SMTAB.BRIDGE									
SM-DOL.CONF.									
HFBELOWWFALL-ABOVE CARRIBE	7/21	38.47	12:34	8.5	.467	.7	.08	7.31	

SAMPLING LOCATION	DATE 2005	FLOW	TIME	TEMP	COND	DO% Probs?	DO	PH Ysi	Ph-port
HF-EOPHIR	8/18	.6g/16	11:35	7.36	.711	35.3	4.27	7.42	
HF-ABOVE CARB	8/18	.68g/11	12:01	7.43	.554	40.7	4.89	7.44	
HF-BELOW C	8/18	.57g/15	11:54	10.53	1.011	32.9	3.63	7.44	
CARBONERO	8/18	3-4	12:05	9.66	1.214	41.9	4.79	7.48	
WATERFALL	8.18	9.55	1:51	7.97	.303	56.2	6.69	7.47	
HF-BELOW CARRIBEAU	8/18	27	2:25	10.14	.604	65.1	7.33	7.56	
LAKE FORK	8/17	61.19	1:34	13.25	.203	64.9	6.81	7.47	
HF-BELOW PENSTOCK	8/17	10.10	1:57	9.8	.536	63.4	7.18	7.48	
PROSPECT CR	8/18	3.38	4:00	10.36	.170	42.2	4.72	7.44	
TURKEY CR.	8/17	3.3	2:28	11.35	.215	67.9	7.43	7.53	
SMIG ABOVE BEAR	8/16	26.62	1:58	10.01	.249	49.8	5.62	7.67	
BEAR CREEK	8/16	11.09	1:40	8.07	.141	42.3	5.01	7.71	
CORONET CR.	8/16	<1	1:12	10.63	.227	46.3	5.15	7.67	
CAMEL'S G.	8/16	<1	1:20	10.89	.292	44.7	4.94	7.70	
SMMAHONEY	8/16	47.5	12:56	10.13	.243	44.8	5.04	7.52	
MILL CREEK	8/16	6.34	3:23	9.89	.116	78.2	8.87	7.65	
SOCIETYTURN	8/16	60?	3:10	12.85	.244	96.7	10.2	7.62	
SF-VANCE	8/17	80?	2:44	12.7	.343	77.1	8.2	7.54	
SMKEYSTONE	8/17	60?	2:51	13.62	.259	68.5	7.18	7.58	
BILK CR.	8/17	23	3:04	11.44	.147	71.6	7.82	7.58	
DEEP CREEK	8/15	11.01	2:04	10.38	.213	65.0	7.27	7.46	
SM AT DEEP	8/15	170?	1:37	10.96	.292	61.7	6.82	7.48	
BIG BEAR CR.	8/15	9.26	1:34	11.61	.341	67.3	7.31	7.53	
FALL CREEK	8/15	15.88	1:04	12.07	.299	67.0	7.31	7.53	
SM-LEOPARD	8/15	220	12:46	12.03	.330	72.4	7.8	7.57	
LEOPARD CR.	8/15	7.97	12:30	14.39	.434	74.9	7.66	7.5	
SPECIE CREEK	8/15	<1	12:10	12.87	.621	77.9	8.23	7.5	
SM-SPECIE G.	8/15	227	12:01	12.85	.326	82.1	8.34	7.6	
PINYON BR.									
SM-BELOW POWERPLANT									
SM-BELOW DRY CR.									
SMCALAMITY									
SMTAB.BRIDGE									
SM-DOL.CONF.									
HFBELOWWFALL-ABOVE CARRIBE	8/18	26.38	2:10	9.43	.583	64.9	7.42	7.57	

SAMPLING LOCATION	DATE 2005	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi	Ph-port
HF-EOPHIR	9/8	.38g/9	11:03	7.67	.849	33.9	3.96	7.2	
HF-ABOVE CARB	9/8	.5g/6	11:30	7.56	.677	61.9	7.45	7.27	
HF-BELOW C	9/8	.46g/8	11:22	7.71	.758	42.3	4.93	7.28	
CARBONERO	9/8	1-2	11:40	8.14	1.23	65.9	7.77	7.34	
WATERFALL	9/8	5.83	12:52	7.11	.386	80.2	9.7	7.38	
HF-BELOW CARRIBEAU	9/8	16-17?	13:26	9.37	.736	105.2	12.00	7.31	
LAKE FORK	9/9	12.29	12:51	11.08	.268	91.9	10.12	7.64	
HF-BELOW PENSTOCK	9/9	8.27	1:07	9.08	.603	91.6	10.54	7.62	
PROSPECT CR	9/7	2.85	2:21	10.64	.188	29.2	3.28	7.42	
TURKEY CR.	9/8	1-2	1:30	11.81	.320	95.5	10.31	7.76	
SMIG ABOVE BEAR	9/13	13.16	2:01	12.15	.304	96.1	10.29	7.71	
BEAR CREEK	9/13	6.3	1:43	7.88	.175	82.0	9.74	7.72	
CORONET CR.	9/13	<1	1:02	9.43	.247	82.0	9.39	7.65	
CAMEL GARD.	9/13	<1	1:18	7.81	.305	76.7	9.12	7.70	
SMMAHONEY	9/13	23.54	12:53	10.21	.300	81.8	9.19	7.58	
MILL CREEK	9/13	2.7-3	3:00	7.74	.142	95.6	11.39	7.64	
SOCIETYTURN	9/9	30-35	2:20	12.92	.286	90.4	9.54	7.65	
SF-VANCE	9/9	35-40	1:40	12.60	.522	96.8	10.30	7.72	
SMKEYSTONE	9/9	32-35	1:50	12.76	.312	98.9	10.48	7.76	
BILK CREEK	9/9	11.66	2:06	11.02	.138	91.5	10.09	7.70	
DEEP CREEK	9/12	15.16	1:27	8.77	.226	64.0	7.43	7.30	
SM AT DEEP C.	9/12	85-90	1:11	9.34	.324	57.6	6.61	7.22	
BIG BEAR CR.	9/12	6.21	1:50	10.12	.316	67.6	7.6	7.52	
FALL CREEK	9/12	12.25	2:26	12.44	.301	76.9	8.21	7.56	
LEOPARD C.	9/12	4.34	2:57	13.19	.445	84.7	8.88	7.64	
SM ABOVE LEOPARD	9/12	110-115	2:41	12.7	.356	80.5	8.52	7.65	
SPECIE	9/12	<1	3:18	13.94	.588	85.4	8.80	7.63	
SM-SPECIE G.	9/12	109/170/133	3:30	14.08	.341	88.7	9.08	7.68	
HF-BELOW WFALL, ABOVE CARRIBEAU	9/8	16.15	1:43	8.64	.729	105.2	12.24	7.32	

SM-MAHONEY	10/11	32.88	12:08	6.07	.287	84.5	10.51	7.34	
CORONET	10/11	1-2	12:19	4.08	.214	82.3	10.76	7.38	
CAMEL'S G	10/11	<1	12:27	4.69	.285	82.2	10.57	7.39	
BEAR CR.	10/11	7.08	12:39	4.87	.178	86.8	11.17	7.35	
SM-ABOVE BEAR	10/11	19.38	12:50	6.85	.293	99.4	12.10	7.29	
SM-SPECIE GAUGE	10/11	150							

SAMPLING LOCATION	DATE 2006	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	5/22	.8 g	9:50	4.7	.479	74.9	32.9	7.57
HF-ABOVE CARB	5/22	1.2 g	10:25	4.75	.391	121.6	46.1	7.52
HF-BELOW C	5/22	.7 g	10:15	4.69	.416	116.2	43.1	7.67
CARBONERO	5/22	1-2	10:35	7.57	1.138	119.1	47.1	7.70
WATERFALL	5/22	25.96	12:07	5.03	.222	101.8	27.7	8.05
HF-BELOW CARRIBEAU	5/22	60ish	12:50	6.84	.408	101.	25.7	7.76
LAKE FORK	5/24	High	1:25	9.89	.186	58.8	13.5	8.28
HF-BELOW PENSTOCK	5/24	High	1:35	8.68	.416	28.1	9.4	7.93
PROSPECT CR	5/24	12.69	3:55	8.85	.110	15.0	7.3	8.27
TURKEY CR.	5/24	5.14	2:05	9.87	.167	29.4	9.4	8.36
SMIG ABOVE BEAR	5/23	High	1:50	7.06	.157	97.8	25.7	7.82
BEAR CREEK	5/23	42.8	2:15	6.18	.115	59.7	15.5	8.18
CORONET CR.	5/23	9.42	1:15	6.73	.145	67.5	18.6	8.28
CAMEL GARD.	5/23	7.9	1:35	6.12	.134	90.	22.6	8.34
SMMAHONEY	5/23	2.21 g	12:50	6.65	.171	57.6	16.5	7.8
MILL CREEK	5/23	32.05	12:15	4.99	.100	115.2	30.8	8.12
SOCIETYTURN	5/23	High	11:50	6.91	.158	95.2	23.7	7.73
SF-VANCE	5/24	High	2:17	11.54	.305	29.6	9.4	8.22
SMKEYSTONE	5/24	High	2:35	10.78	.157	51.4	11.4	8.18
BILK CREEK	5/24	72.83	3:00	11.02	.104	50.3	11.4	8.18
DEEP CREEK	5.25	31.78	3:45	8.82	.141	50.9	10.4	8.14
SM AT DEEP C.	5/25	650?	3:30	9.35	.179	54.9	10.4	8.18
BIG BEAR CR.	5/25	16.17	3:15	13.33	.265	29.2	7.3	8.59
FALL CREEK	5/25	High	2:50	12.93	.197	23.9	7.3	8.45
LEOPARD C.	5/25	6.8	2:23	15.26	.434	28.7	7.3	8.53
SM ABOVE LEOPARD	5/25	750?	2:30	9.97	.197	20.5	6.3	8.28
SPECIE CR.	5/25	.973	2:00	14.3	.474	32.7	8.4	8.52
SM-SPECIE G.	5/25	800	1:40	9.42	.199	23.0	6.3	8.02
HF-BELOW WFALL, ABOVE CARRIBEAU	5/22	63.5	12:32	6.24	.383	113.1	27.7	7.84

SAMPLING LOCATION	DATE 2006	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	6/22	.53g	11:15	6.98	.626	129.	10.4	7.41
HF-ABOVE CARB	6/22	.84g	11:38	7.03	.468	291.8	19.6	7.56
HF-BELOW C	6/22	.57g	11:32	7.29	.568	286.	18.6	7.57
CARBONERO	6/22	1-1.5	11:43	8.67	.948	317.1	20.6	7.62
WATERFALL	6/22	12.36	2:40	6.59	.225	320.3	19.6	8.02
HF-BELOW CARRIBEAU	6/22	30ish	3:15	8.89	.502	352.8	21.6	7.71
LAKE FORK	6/21	Too hi	12:50	12.57	.192	141.	11.4	8.13
HF-BELOW PENSTOCK	6/21	22.85	1:05	9.06	.479	167.6	11.4	7.93
PROSPECT CR	6/23	2.34	1:20	12.31	.152	316.1	19.6	8.38
TURKEY CR.	6/21	.276	1:35	13.06	.260	165.8	12.4	8.63
SMIG ABOVE BEAR	6/19	62.47	2:15	11.09	.170	999	13.5	7.75
BEAR CREEK	6/19	30.47	1:55	8.57	.100	999	13.5	8.07
CORONET CR.	6/19	1.38	1:00	9.57	.202	999	14.5	8.35
CAMEL GARD.	6/19	Lo-1.	1:10	9.79	.212	999	13.5	8.35
SM-MAHONEY	6/19	92.0	12:45	9.43	.175	999	14.5	7.75
MILL CREEK	6/23	4.8	2:30	10.02	.107	294.	17.6	8.16
SOCIETYTURN	6/21	Too hi	2:30	11.59	.178	162.3	12.4	7.95
SF-VANCE	6/21	Too hi	1:45	12.96	.368	211.2	15.5	8.19
SMKEYSTONE	6/21	Too hi	1:55	11.0	.183	188.7	13.5	8.27
BILK CREEK	6/21	23.09	2:15	10.98	.128	183.6	13.5	8.38
DEEP CREEK	6/20	10.73	12:15	9.89	.185	999	15.5	8.27
SM AT DEEP C.	6/20	200ish	12:00	10.34	.236	999	16.5	8.17
BIG BEAR CR.	6/20	8.79	12:32	11.28	.247	999	14.5	8.48
FALL CREEK	6/20	18.51	1 pm	14.26	.266	999	15.5	8.56
LEOPARD C.	6/20	3.98	1:30	16.62	.447	999	16.5	8.51
SM ABOVE LEOPARD	6/20	350ish	1:15	11.99	.248	999	14.5	8.45
SPECIE C.	6/20	1-2	1:40	17.16	.518	999	18.6	8.4
SM-SPECIE G.	6/20	350ish	2pm	13.25	.251	999	16.5	8.46
HF-BELOW WFALL, ABOVE CARRIBEAU	6/22	27.74	2:55	8.19	.476	353.9	21.6	7.78

SAMPLING LOCATION	DATE 2006	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	7/17	.48g/14	10:35	8.66	.693	376.6	31.8	7.39
HF-ABOVE CARB	7/17	.78g/10	10:59	8.83	.531	384.6	30.8	7.51
HF-BELOW C	7/a7	.52g/14	10:52	8.83	.610	382.4	31.8	7.69
CARBONERO	7/17	2-3	11:05	11.0	1.14	369.2	30.8	7.87
WATERFALL	7/20	10.13	2:10	8.51	.258	232.4	15.5	8.03
HF-BELOW CARRIBEAU	7/20	25	2:40	10.48	.563	209.4	15.5	7.74
LAKE FORK	7/18	14.03	11:50	13.17	.233	220.1	14.5	8.35
HF-BELOW PENSTOCK	7/18	32.47	12:05	10.61	.566	185.2	12.4	7.93
PROSPECT CR	7/21	2.42	12:35	13.66	.172	287.5	20.6	8.56
TURKEY CR.	7/18	<.5	12:25	15.24	.336	247.2	16.5	8.62
SMIG ABOVE BEAR	7/17	20.16	1:45	11.9	.245	347.1	26.7	7.82
BEAR CREEK	7/17	8.75	1:30	9.42	.129	344.2	24.7	8.24
CORONET CR.	7/17	8.75	12:50	12.12	.199	345.1	26.7	8.37
CAMEL GARD.	7/17	<1	1:00	11.93	.264	348.4	27.7	8.48
SM-MAHONEY	7/17	37.05	12:35	11.26	.275	352.1	28.8	7.61
MILL CREEK	7/17	5.14	3:35	10.03	.111	294.6	21.6	8.20
SOCIETYTURN	7/17	40-45	3:50	12.06	.229	332.1	24.7	7.81
SF-VANCE	7/18	47-50	12:40	15.93	.409	266.5	18.6	8.27
SMKEYSTONE	7/18	45-50	12:50	14.98	.241	281.8	19.6	8.61
BILK CREEK	7/18	12.87	1:05	13.92	.122	239.1	16.5	8.41
DEEP CREEK	7/19	10.16	12:15	12.37	.200	243.9	16.5	8.28
SM AT DEEP C.	7/19	140	11:55	13.77	.256	254.5	17.5	8.29
BIG BEAR CR.	7/19	6.4	12:40	14.66	.305	220.7	15.5	8.67
FALL CREEK	7/19	13.65	1:15	16.96	.283	221	14.5	8.65
LEOPARD C.	7/19	2.63	1:45	18.83	.433	236.8	15.5	8.52
SM ABOVE LEOPARD	7/19	145-150	1:35	17.07	.285	235	15.5	8.58
SPECIE C.	7/19	<.5	2:00	19.50	.521	220.4	15.5	8.26
SM-SPECIE G.	7/19	160	2:15	18.18	.327	246.3	16.5	8.82
HF-BELOW WFALL, ABOVE CARRIBEAU	7/20	24.94	2:30	9.76	.544	209.3	14.5	7.78
GAMEBIRD ADIT	7/14	<1	12:03	7.93	1.235		34.9	7.45
WFALL INTAKE	7/14	11-12	12:30	7.24	.245		32.9	8.00

SAMPLING LOCATION	DATE 2006	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	8/10	46g.11.5	11:10	8.71	.810	140.1	32.9	7.43
HF-ABOVE CARB	8/10	.84g 11	11:40	9.08	.631	132.2	28.8	7.50
HF-BELOW C	8/10	.5g 9.5	11:30	9.18	.721	128.3	29.8	7.34
CARBONERO	8/10	1.5	11:45	13.24	7.34	120.9	27.7	8.05
WATERFALL	8/14	9.59	2:00	8.85	.346	123.7	27.7	8.33
HF-BELOW CARRIBEAU	8/14	23.0	2:30	10.5	.683	128.9	28.8	7.71
LAKE FORK	8/16	8.73	12:07	10.65	.287	101.7	19.6	8.5
HF-BELOW PENSTOCK	8/16	9.38	12:25	9.8	.625	92.6	17.5	8.07
PROSPECT CR	8/17	3.42	12:47	11.59	.154	63.2	12.4	8.5
TURKEY CR.	8/16	1.75	12:45	12.21	.231	98.0	18.6	8.47
SMIG ABOVE BEAR	8/17	24.52	2:28	11.58	.309	66.9	12.4	8.06
BEAR CREEK	8/17	12.99	2:10	8.92	.177	69.7	12.4	8.69
CORONET CR.	8/17	.876	1:35	11.07	.253	61.2	11.4	8.53
CAMEL GARD.	8/17	<1	1:45	11.45	.319	55.8	11.4	8.58
SM-MAHONEY	8/17	37.9	1:18	11.37	.336	57.3	11.4	7.68
MILL CREEK	8/16	3.75	4:18	12.49	.150	89.4	18.6	8.29
SOCIETYTURN	8/16	<145	3:40	17.57	.272	93.9	19.6	7.97
SF-VANCE	8/16	<50	1:00	15.00	.392	99.9	19.6	8.3
SMKEYSTONE	8/16	<150	1:15	14.69	.283	98.4	18.6	8.49
BILK CREEK	8/16	19.47	1:35	12.96	.134	92.9	18.6	8.25
DEEP CREEK	8/15	17.17	12:05	10.64	.218	127.0	26.7	8.27
SM AT DEEP C.	8/15	220	11:50	11.86	.288	130.7	26.7	8.49
BIG BEAR CR.	8/15	6.32	12:38	12.73	.369	120.2	25.7	8.76
FALL CREEK	8/15	15.19	1:05	14.49	.332	106.2	21.6	8.68
LEOPARD C.	8/15	3.84	1:35	1.54	.500	103.0	19.6	8.54
SM ABOVE LEOPARD	8/15	228	1:20	14.64	.320	110.4	20.6	8.68
SPECIE C.	8/15	<1	1:50	15.45	.635	96.6	18.6	8.37
SM-SPECIE G.	8/15	230-250	2:05	15.43	.331	101.6	19.6	8.66
HF-BELOW WFALL, ABOVE CARRIBEAU	8/14	21.3	2:20	10.32	.662	132.1	30.8	7.86
GAMEBIRD ADIT	8/9	<1	12:22	7.92	1.43	123.6	38.0	7.62
WFALL INTAKE	8/9	<9	12:22	7.95	.342	138.9	33.9	8.09

SAMPLING LOCATION	DATE 2006	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	9/11	.42g	2:30	10.22	.837	148.7	30.8	7.47
HF-ABOVE CARB	9/11	.8g	2:50	9.89	.671	173.0	36.9	7.44
HF-BELOW C	9/11	/2g	2:40	10.24	.742	174.6	36.9	7.59
CARBONERO	9/11	1-2	3:00	13.28	1.26	170.6	36.9	7.96
WATERFALL	9/20	3.65	10:30	3.33	.396	137.2	9.22	7.69
HF-BELOW CARRIBEAU	9/11	19-20	3:05	10.51	.736	230.0	35.9	7.81
LAKE FORK	9/12	5.37	1:55	9.37	.291	124.1	25.7	8.46
HF-BELOW PENSTOCK	9/12	5.87	2:35	9.36	.605	126.4	25.7	8.03
PROSPECT CR	9/19	3.09	12:25	5.8	.100	73.8	6.59	7.9
TURKEY CR.	9/12	<1	1:25	8.23	.245	133.1	23.7	7.97
SMIG ABOVE BEAR	9/18	19.0	2:37	10.07	.316	119.2	23.7	7.98
BEAR CREEK	9/18	10.23	2:02	6.76	.178	124.9	19.6	8.3
CORONET CR.	9/18	<1	1:35	6.98	.239	114.8	20.6	8.35
CAMEL GARD.	9/18	<1	1:41	4.77	.297	125.4	20.6	8:35
SM-MAHONEY	9/18	28.99	1:07	9.3	.316	122.0	21.6	7.78
MILL CREEK	9/18	8.59	3:58	6.86	.147	100.7	17.5	8.12
SOCIETYTURN	9/18	32-35	12:09	8.66	.202	93.3	17.5	7.68
SF-VANCE	9/13	20-25	5:55	12.69	.579	131.6	25.7	8.11
SMKEYSTONE	9/12	35	1:10	12.26	.306	152.7	24.7	8.46
BILK CREEK	9/12	13.36	12:45	9.08	.141	136.7	19.6	8.08
DEEP CREEK	9/13	16.65	4:50	11.29	.211	180.5	25.7	8.11
SM AT DEEP C.	9/13	85-90	4:45	12.95	.309	145.0	23.7	8.38
BIG BEAR CR.	9/13	3.04	3:45	11.54	.335	146.7	23.7	8.3
FALL CREEK	9/13	11.17	11:35	8.66	.330	121.9	23.7	8.47
LEOPARD C.	9/12	1.27	12:50	14.96	.613	127.0	23.7	8.21
SM ABOVE LEOPARD	9/12	100	12:10	11.85	.366	153.6	25.7	8.71
SPECIE C.	9/13	<1	12:50	14.96	.613	127.0	23.7	8.21
SM-SPECIE G.	9/13	118-130	2:05	14.83	.365	134.6	27.7	8.74
HF-BELOW WFALL, ABOVE CARRIBEAU	9/11	18.61	3:25	10.05	.727	193.5	31.8	7.89
GAMEBIRD ADIT	9/10		2:04	7.92	1.33	139.5	39.0	7.64
WFALL INTAKE	9/10		2:51	6.29	.392	155.1	33.9	8.02

SM-MAHONEY 2006	10/12	70.64	12:30	6.86	.318	181.6	18.6	7.8	
CORONET	10/12	3.53	1:00	5.76	.227	186.0	17.5	8.22	
CAMEL'S G	10/12	<1	1:10	4.08	.237	183.3	18.6	8.32	
BEAR CR.	10/12	12.04	1:20	5.19	.193	174.8	19.6	8.3	
SM-ABOVE BEAR	10/12	56.63	1:46	6.66	.285	173.5	20.6	7.83	
SM-SPECIE GAUGE	10/12	293							

Note: Unusually high flows, highest of 2006, due to heavy rains 10/6.

SAMPLING LOCATION	DATE 2007	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	5/23	.82g	11:50	2.78	.573	110.1	5.3	8.17
HF-ABOVE CARB	5/23	1.26g	12:30	2.71	.479	116.1	5.3	7.45
HF-BELOW C	5/23	.56g	12:20	2.62	.504	121.5	5.3	7.61
CARBONERO	5/23	2-3 cfs	12:40	2.69	1.367	12.7	5.3	7.37
WATERFALL	5/23	17.49	1:45	2.17	.281	112.4	5.3	7.96
HF-BELOW CARRIBEAU	5/23	50ish	3:30	4.45	.515	167.6	5.3	7.8
LAKE FORK	5/25	27.99	1:40	6.86	.262	96.2	3.2	8.2
HF-BELOW PENSTOCK	5/25	18.27	1:55	7.12	.571	6.4	1.2	7.8
PROSPECT CR	5/29	19.0	3:30	6.12	.131	3	.2	7.92
TURKEY CR.	5/25	5.66	2:25	6.82	.207	10.6	1.2	8.2
SMIG ABOVE BEAR	5/29	96.6	2:00	7.07	.164	14.4	1.2	7.66
BEAR CREEK	5/29	31.84	1:45	6.28	.141	13.3	1.2	8.01
CORONET CR.	5/29	10.07	12:55	6.83	.169	12.9	1.2	7.99
CAMEL GARD.	5/29	3.16	1:20	6.66	.176	12.2	1.2	8.15
SM-MAHONEY	5/29	138.33	12:35	7.12	.178	14.5	1.2	7.66
MILL CREEK	5/29	21.0	3:00	6.59	.135	4.7	1.2	7.97
SOCIETYTURN	5/23	85ish	3:50	5.43	.212	178.5	6.3	7.81
SF-VANCE	5/25	275ish	2:35	8.85	.363	12.7	2.2	8.11
SMKEYSTONE	5/25	175ish	2:45	9.19	.248	13.6	1.2	8.21
BILK CREEK	5/25	30.84	3:00	7.34	.211	13.3	1.2	8.29
DEEP CREEK	5/24	29.4	1:20	6.91	.223	57.4	3.2	8.08
SM AT DEEP C.	5/20	400ish	1:05	7.26	.280	73.7	4.3	7.5
BIG BEAR CR.	5/24	28.16	1:45	7.95	.337	74.7	4.3	8.41
FALL CREEK	5/24	77.17	2:10	8.16	.276	67.4	3.2	8.38
LEOPARD C.	5/24	36.38	2:45	10.17	.395	37.7	2.2	8.47
SM ABOVE LEOPARD	5/24	535ish	2:40	8.39	.303	61.8	3.2	8.18
SPECIE C.	5/24	11.44	3:20	10.06	.388	35.0	3.2	8.51
SM-SPECIE G.	5/24	585	3:55	9.3	.313	71.7	3.2	8.33
HF-BELOW WFALL, ABOVE CARRIBEAU	5/23	50iah	1:50	3.96	.498	151.2	6.3	7.68
GAMEBIRD ADIT	5/25	1-2ish	11:35	7.84	.939	78.7	4.3	7.40
WFALL INTAKE	5/25	12ish	11:55	3.76	.319	84.5	4.3	8.08

SAMPLING LOCATION	DATE 2007	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	6/12	.98g	1:25	4.88	.526	70.7	4.3	7.03
HF-ABOVE CARB	6/12	1.4g	1:50	4.35	.419	44.7	3.2	7.13
HF-BELOW C	6/12	.88g	1:45	4.52	.483	36.8	3.2	7.13
CARBONERO	6/12	4-5	2:00	5.07	1.38	17.3	2.2	6.8
WATERFALL	6/13	24.34	2:15	6.75	.247	99.9	2.2	7.78
HF-BELOW CARRIBEAU	6/11	50ish	3:00	7.07	.440	73.0	8.8	7.36
LAKE FORK	6/14	80ish	1:15	10.47	.225	99.9	3.2	7.87
HF-BELOW PENSTOCK	6/14	76ish	1:30	9.16	.467	101.9	3.2	7.59
PROSPECT CR	6/18	12.33	2:50	9.99	.125	90.4	4.3	7.79
TURKEY CR.	6/14	9.74	1:55	10.55	.171	112.7	3/2	8.0
SMIG ABOVE BEAR	6/27	112.36	2:50	9.0	.179	42.0	1.2	7.63
BEAR CREEK	6/27	32.75	2:25	7.8	.110	92.2	2.2	7.69
CORONET CR.	6/27	6.05	1:50	8.35	.188	105	3.2	7.6
CAMEL GARD.	6/19	1.96	1:15	9.38	.165	58	3.2	8.01
SM-MAHONEY	6/27	158.39	1:25	8.02	.196	61.9	2.2	7.31
MILL CREEK	6/19	48.75	12:50	7.43	.101	54.9	3.2	7.59
SOCIETYTURN	6/14	Too hi	3:10	10.96	.168	103.7	3.2	7.71
SF-VANCE	6/14	160ish	2:10	12.43	.331	89.1	2.2	7.94
SMKEYSTONE	6/14	200ish	2:20	11.03	.176	94.2	3.2	7.99
BILK CREEK	6/14	46.58	2:45	11.82	.138	141.6	3.2	7.78
DEEP CREEK	6/15	37.59	1:50	8.59	.163	52.0	2.2	7.55
SM AT DEEP C.	6/15	720	12:40	9.5	.214	106.6	1.2	7.55
BIG BEAR CR.	6/15	29.4	1:10	11.09	.250	417.5	1.2	8.11
FALL CREEK	6/15	84.47	1:35	12.29	.238	521.6	2.2	3.13
LEOPARD C.	6/15	21.05	2:15	15.38	.422	157.6	1.2	8.37
SM ABOVE LEOPARD	6/15	830	2:05	11.29	.232	131.7	1.2	7.87
SPECIE C.	6/15	1.58	2:30	15.99	.453	161.2	1.2	8.38
SM-SPECIE G.	6/15-20	700-1000	2:40	11.14	.238	170.1	1.2	8.11
HF-BELOW WFALL, ABOVE CARRIBEAU	6/13	72.87	1:50	8.69	.460	99.9	3.2	7.29
GAMEBIRD ADIT	6/13	2-3	12:15	7.91	1.489	88.1	.2	7.28
WFALL INTAKE	6/13	22	11:50	5.17	.248	66.6	.2	7.7

SAMPLING LOCATION	DATE 2007	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	7/11	.59g(26)	11:10	7.9	.718	61.3	3.2	7.16
HF-ABOVE CARB	7/11	1.2g(20)	11:35	7.65	.538	60.6	3.2	7.34
HF-BELOW C	7/11	.86g(25)	11:30	7.74	.671	59.6	3.2	7.31
CARBONERO	7/11	3-5	11:45	8.16	1.36	58.7	4.3	7.11
WATERFALL	7/11	15.2	2:15	5.95	.280	57.7	3.2	7.56
HF-BELOW CARRIBEAU	7/10	45	1:25	9.55	.578	59.7	4.3	7.48
LAKE FORK	7/12	24.76	2:30	12.96	.259	101.	2.2	8.09
HF-BELOW PENSTOCK	7/12	24.58	2:50	8.98	.560	14.2	3.2	7.7
PROSPECT CR	7/16	3.75	4:40	10.11	.191	100.4	2.2	8.13
TURKEY CR.	7/12	3.6	3:15	12.14	.235	90.8	4.3	8.25
SMIG ABOVE BEAR	7/16	43.9	2:25	12.0	.235	75.6	2.2	7.66
BEAR CREEK	7/16	17.27	1:57	8.8	.136	85.6	1.2	7.94
CORONET CR.	7/16	2.02	1:05	10.57	.235	75	1.2	8.19
CAMEL GARD.	7/16	<1	1:20	11.79	.276	90.8	2.2	8.8
SM-MAHONEY	7/16	67.58	12:30	10.94	.248	64.2	4.3	7.39
MILL CREEK	7/16	7.5	3:45	10.11	.126	74.9	2.2	7.88
SOCIETYTURN	7/12	70-75	4:55	12.59	.217	49.9	2.2	7.78
SF-VANCE	7/12	140-145	3:30	12.66	.400	43.8	2.2	8.00
SMKEYSTONE	7/12	75-80	3:40	11.74	.234	48.	2.2	8.14
BILK CREEK	7/12	17.27	4:00	11.63	.138	45.5	2.2	8.05
DEEP CREEK	7/13	10.31	1:00	11.36	.205	83.	2.2	8.01
SM AT DEEP C.	7/13	250-270	12:45	12.18	.283	85.	2.2	8.08
BIG BEAR CR.	7/13	10.25	1:20	13.0	.330	76.7	2.2	8.38
FALL CREEK	7/13	18.87	1:55	14.33	.332	98.5	2.4	8.39
LEOPARD C.	7/13	8.53	2:40	15.52	.483	73.4	4.3	8.42
SM ABOVE LEOPARD	7/13	320	12:17	12.48	.304	77.7	4.3	8.42
SPECIE C.	7/13	.736	3:00	16.56	.467	76.0	4.3	8.45
SM-SPECIE G.	7/11-13	360-314	3:17	13.62	.309	77.6	4.3	8.49
HF-BELOW WFALL, ABOVE CARRIBEAU	7/10	41.57	1:40	9.26	.547	62.8	4.3	7.3
GAMEBIRD ADIT	7/11	1-2	11:50	7/83	1.465	12.8	2.2	7.31
WFALL INTAKE	7/11	15-20	12:10	6.26	.285	25.2	2.2	7.61

SAMPLING LOCATION	DATE 2007	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	8/9	.69g	11:10	7.37	.609	63.1	5.3	7.21
HF-ABOVE CARB	8/9	1.25g	11:40	7.42	.478	63.6	4.3	7.47
HF-BELOW C	8/9	.88g	11:32	7.36	.555	67.4	5.3	7.55
CARBONERO	8/9	4-5	11:45	9.23	1.25	137.2	8.4	7.46
WATERFALL	8/9	14.5	12:50	8.32	.306	67.6	4.3	7.81
HF-BELOW CARRIBEAU	8/7	70-75	14:00	8.04	.476	70.6	5.3	7.48
LAKE FORK	8/14	5.3	11:10	10.99	.292	73.2	7.3	7.83
HF-BELOW PENSTOCK	8/14	10.83	11:28	9.27	.579	67.2	6.3	7.82
PROSPECT CR	8/10	4.96	3:25	11.01	.175	90.0	3.2	8.11
TURKEY CR.	8/14	1.58	11:55	12.47	.243	88.6	8.4	8.29
SMIG ABOVE BEAR	8/15	26.86	1:45	10.55	.300	107.8	3.2	7.71
BEAR CREEK	8/15	7.23	1:25	8.66	.169	78.5	3.2	8.08
CORONET CR.	8/15	1.75	12:40	10.96	.236	98.9	2.2	8.14
CAMEL GARD.	8/15	<1	12:55	11.9	.298	75.4	3.2	8.34
SM-MAHONEY	8/15	36.85	12:12	10.5	.325	72.9	2.2	7.44
MILL CREEK	8/15	6.12	4:35	10.54	.142	108.4	3.2	7.94
SOCIETYTURN	8/14	48	1:14	15.11	.276	71.5	3.2	7.85
SF-VANCE	8/14	120	12:07	14.3	.395	86.7	8.4	8.09
SMKEYSTONE	8/14	65	12:18	13.73	.291	75.9	4.3	8.28
BILK CREEK	8/14	14.22	12:40	12.88	.174	73.7	4.3	8.11
DEEP CREEK	8/13	14.6	2:05	13.07	.245	81.8	2.2	8.09
SM AT DEEP C.	8/13	216	1:48	14.01	.303	75.0	2.2	8.33
BIG BEAR CR.	8/13	13.5	2:27	13.23	.312	73.5	7.3	8.35
FALL CREEK	8/13	19.43	2:55	14.34	.306	78.4	7.3	8.4
LEOPARD C.	8/13	6.9	3:27	17.12	.463	87.6	7.3	8.47
SM ABOVE LEOPARD	8/13	250	3:10	14.86	.328	85.1	7.3	8.32
SPECIE C.	8/13	<.5	3:40	15.78	.455	83.2	7.3	8.4
SM-SPECIE G.	8/9-13	400-250	3:50	15.4	.332	86.0	7.3	8.37
HF-BELOW WFALL, ABOVE CARRIBEAU	8/10	36.05	2:25	10.52	.538	71.6	2.2	7.42
GAMEBIRD ADIT	8/10	1-2	11:48	7.83	1.283	68.3	2.2	7.37
WFALL INTAKE	8/10	10ish	11:25	6.36	.322	71.7	2.2	7.55

SAMPLING LOCATION	DATE 2007	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	9/6	.42g	11:20	9.15	.903	70.6	8.4	7.06
HF-ABOVE CARB	9/6	.98g	11:47	8.89	.724	74.2	8.4	7.46
HF-BELOW C	9/6	.78g	11:40	9.05	.815	71.9	8.4	7.42
CARBONERO	9/6	2-3	11:55	11.62	1.332	71.5	7.3	7.76
WATERFALL	9/13	2.41	1:45	7.41	.488	71.8	8.4	7.82
HF-BELOW CARRIBEAU	9/7	18-20	1:55	10.54	.807	72.8	10.4	7.65
LAKE FORK	9/10	5.25	12:45	9.6	.334	73.8	12.4	8.02
HF-BELOW PENSTOCK	9/10	21.17	1:15	9.66	.759	91.1	14.5	7.84
PROSPECT CR	9/10	2.75	3:42	10.55	.220	77.2	19.6	8.28
TURKEY CR.	9/10	<1	1:35	10.68	.370	74.8	19.6	8.26
SMIG ABOVE BEAR	9/12	13.7	2:15	12.98	.367	73.3	9.4	7.92
BEAR CREEK	9/12	2.88	1:50	8.94	.213	62.8	9.4	8.21
CORONET CR.	9/12	.277	12:50	10.49	.277	73.4	15.5	8.27
CAMEL GARD.	9/12	<.5	1:20	9.48	.336	71.0	15.5	8.54
SM-MAHONEY	9/12	20.49	12:25	11.26	.361	62.8	17.5	7.5
MILL CREEK	9/12	4.23	4:45	9.59	.170	80.5	9.4	8.05
SOCIETYTURN	9/10	28-30	3:08	16.10	.329	79.8	21.6	8.15
SF-VANCE	9/10	25-27	1:50	13.5	.631	62.3	16.5	8.29
SMKEYSTONE	9/10	55-60	1:56	14.65	.344	72.9	19.6	8.48
BILK CREEK	9/10	3.74	2:15	12.76	.235	79.7	20.6	8.26
DEEP CREEK	9/11	9.35	1:40	10.59	.279	62.6	11.4	8.16
SM AT DEEP C.	9/11	80-85	1:25	11.45	.383	75.9	14.5	8.33
BIG BEAR CR.	9/11	3.07	2:00	10.85	.380	83.1	15.5	8.44
FALL CREEK	9/11	7.92	2:35	12.98	.364	78.5	15.5	8.4
LEOPARD C.	9/11	3.03	3:20	13.11	.455	79.3	20.6	8.36
SM ABOVE LEOPARD	9/11	110	3:00	13.65	.431	77.4	19.6	8.6
SPECIE C.	9/11	<1	3:35	13.33	.545	75.0	20.6	8.28
SM-SPECIE G.	9/10-14	96-115-100	4:45	14.36	.409	74.0	19.6	8.68
HF-BELOW WFALL, ABOVE CARRIBEAU	9/13	15.65	2:10	8.96	.807	90.0	11.4	7.47
GAMEBIRD ADIT	9/5	<1	12:35	7.94	1.425	57.6	8.4	7.24
WFALL INTAKE	9/5	2-3	12:57	7.31	.461	99.3	10.4	7.69

SM-MAHONEY	10/08	25.03	12:45	8.31	.326	85.6	26.7	7.36
CORONET	10/08	<.5	1:10	6.7	.238	73.8	27.7	8.02
CAMEL'S G	10/8	<.5	1:32	3.95	.275	75.3	26.7	8.24
BEAR CR.	10/8	6.79	1:55	5.51	.179	77.8	25.7	7.9
SM-ABOVE BEAR	10/8	20.6	2:30	6.97	.263	83.7	29.8	7.76
SM-ABOVE LEOPARD CR.	10/9	125-130	5 pm	8.5	.364	74.1	18.6	7.77
SM-SPECIE GAUGE	10/3-10/9	198-163-140	4:45	9.06	.358	78.1	18.6	8.01
HF-ABOVE CARB	10/4	.94g, 10ish	11:38	5.49	.629	70.5	20.6	7.3
HF_BELOW CARB	10/4	.74g, 12ish	11:32	5.39	.695	69.8	20.6	7.19
CARBONERO	10/4	2-3	11:43	6.39	1.206	68.4	29.6	7.69
HF-ABOVE CARRIBEAU	10/3	20.33	2:50	7.49	.648	77.4	21.6	7.58
WATERFALL CR.	10/3	6.03	2:20	6.3	.400	81.3	22.6	7.94
WF-ABOVE INTAKE	10/2	6.5	11:58	4.86	.400	70.3	21.6	6.64
GAMEBIRD	10/2	<1	12:23	7.75	.716	53.5	19.6	7.42

HF-ABOVE CARB	11/8	.8g	2:05	3.76	.920	67.7	35.9	7.86		
HF_BELOW CARB	11/8	.72g	1:55	4.37	1.011	70.5	36.9	7.9		
CARBONERO	11/8	2.0	2:13	6.53	1.56	61.6	33.9	7.67		
WATERFALL CR.	11/9	8-10	1:40	3.47	.570	94	33.9	7.98		
WF-ABOVE INTAKE	11/9	6-8	12:35	4.13	.558	80.	29.8	7.27		
RW STATION	DATE	TIME	FLOW	TEMP	PH	ALK	HARD	COND	DO	DO
HF ABOVE CARB #4165	11/9/07	3:30	6-7	4-rw 4.05 ysi	7.69 rw 7.56 ysi	16	480	.995	8 rw	60% rw 83.6 ysi
HF BELOW CARB # 4035	11/9/07	3:10	.33g 7-8	4 rw 4.34 ysi	7.63 rw 7.36 ysi	22	564	1.13	8.8 rw	68% rw 83.5 % ysi
HF ABOVE CARRIBEAU # 4166	11/9/07	2:50	8-10	3.5 rw	3.83 ysi	26	490	.97	9.7 rw	74% rw 87% ysi
HF BELOW CARRIBEAU #4127	11/9/07	2:30	10-12	4 RW 4.09 YSI	7.75 RW 7.59 ysi	28	490	.993	9.8 rw	76% rw 85.8 ysi
GAMEBIRD	11/9/07	12:55	1-2	7 rw 7.79 ysi	7.96 rw 7.47 ysi	90	850	1.399	6 rw	50% rw 64% ysi

HF-ABOVE CARB	11/27	.7g ice	1:25	1.55	.978	72.3	16.5	7.52
HF BELOW CARB	11/27	.6g ice	1:15	1.62	1.058	69.5	16.5	7.22
CARBONERO	11/27	2-3?	1:30	.3	1.553	72.8	16.5	7.78
HF-EAST OPHIR	11/27	.32g	1:50	1.4	1.193	79.4	16.5	7.68
WATERFALL CR.	11/28		2:05	.94	.604	101.4	20.6	7.94
WF-ABOVE INTAKE	11/28		1:00	3.15	.594	85.	18.6	7.67
GAMEBIRD	11/28	<1	1:25	7.57	1.55	71.4	17.5	7.59

HF-ABOVE CARB	12/15	Ice	10:50	-.07	1.054	81.6	12.4	7.49
HF BELOW CARB	12/15	Ice	10:40	.04	1.101	74.5	13.5	7.63
CARBONERO	12/15	1-2	11:00	.74	1.589	90.1	14.5	7.64
HF-EAST OPHIR	12/15	Ice	10:15	.09	1.29	69.1	13.5	6.95
WATERFALL CR.	12/14	5ish	12:50	.47	.648	69	14.5	7.76
WF-ABOVE INTAKE	12/14	4ish	2:15	2.26	.626	67.8	18.6	8.03
GAMEBIRD	12/14	1-2	1:40	7.49	1.64	77.7	16.5	7.69

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	5/10	.44g	1:10	4.88	.817	47.9	5.97	6.79
HF-ABOVE CARB	5/10	.9g	12:30	3.91	.697	55.8	7.3	6.75
HF-BELOW C	5/10	.74g	12:40	3.99	.719	54.8	7.09	6.59
CARBONERO	5/10	<1	12:25	3.05	1.2	59.2	7.88	7.2
WATERFALL	5/12	5-8	Noon	3.7	.36	77.8	10.2	7.88
HF-BELOW CARRIBEAU	5/12	20?	3:45	8.1	.667	80	9.55	7.28
LAKE FORK	5/19	50?	2:25	5.81	.195	73.9	9.29	8.03
HF-BELOW PENSTOCK	5/19	28.51	2:45	8.56	.48	75.2	8.77	7.57
PROSPECT CR	5/26	16.77	2:05	7.06	.171	74.2	8.98	8.04
TURKEY CR.	5/19	20.06	3:15	7.01	.181	74.3	9.02	7.98
SMIG ABOVE BEAR	5/20	100.83	1:28	6.94	.150	72.8	8.84	7.46
BEAR CREEK	5/20	50.5	1:00	6.05	.144	73.9	9.18	7.91
CORONET CR.	5/20	19.37	12:05	5.54	.127	71.5	9.	7.86
CAMEL GARD.	5/20	5.23	12:20	3.87	.139	71.5	9.4	7.8
SM-MAHONEY	5/20	176-200?	11:40	5.94	.156	71.6	8.93	7.54
MILL CREEK	5/20	36.2	3:30	5.96	.124	73.8	9.2	7.79
SOCIETYTURN	5/19	250?	4:05	10.6	.182	74.5	8.3	7.67
SF-VANCE	5/19	300?	3:30	9.51	.296	75.9	8.6	7.87
SMKEYSTONE	5/19	300?	3:35	11.62	.196	76.5	8.32	8.02
BILK CREEK	5/19	80?	3:50	10.39	.182	76.2	8.51	8.06
DEEP CREEK	5/21	100?	12:30	6.15	.160	76.8	9.53	7.9
SM AT DEEP C.	5/21	700?	12:30	6.77	.199	76.9	9.42	7.88
BIG BEAR CR.	5/21	80?	12:50	7.52	.266	79.4	9.51	8.05
FALL CREEK	5/21	150?	1:15	7.18	.235	79.8	9.62	8.08
LEOPARD C.	5/21	47.19	1:50	12.43	.318	80.6	8.6	8.27
SM ABOVE LEOPARD	5/21	880?	1:30	7.48	.217	80.5	9.65	7.98
SPECIE C.	5/21	11.58	2:20	10.6	.323	82	9.1	8.37
SM-SPECIE G.	5/21	950	2:00	7.96	.223	81.4	9.65	8.10
HF-below WF, above Carrib.	5/19	50?	4:40	7.05	.458	71.2	8.64	7.53
GAMEBIRD ADIT	5/12	.5?	1:15	8.44	1.236	61.1	7.62	7.42
WFALL INTAKE	5/12	3-4	12:40	3.42	.372	76.8	10.16	7.6

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	6/4	1.3g	2:05	4.69	.369	70.1	9.07	7.24
HF-ABOVE CARB	6/4	1.6g	1:40	4.6	.309	69.2	8.92	6.62
HF-BELOW C CARBONERO	6/4	1.1g	1:30	4.64	.332	70.9	9.14	6.42
WATERFALL	6/19	50?	2:05	5.84	.178	80.4	10.13	7.44
HF-BELOW CARRIBEAU	6/9	25-30	3:00	8.2	.358	76.9	9.04	7.38
LAKE FORK	6/18	120?	1:50	10.03	.176	82.9	9.37	7.62
HF-BELOW PENSTOCK	6/18	150?	2:00	8.89	.316	86.6	10.02	7.68
PROSPECT CR	6/19	20.88	2:30	9.22	.104	91.7	10.53	7.96
TURKEY CR.	6/18	22	2:30	11.26	.137	91.	9.97	7.9
SMIG ABOVE BEAR	6/16	140?	2:30	6.98	.124	88.5	10.74	7.56
BEAR CREEK	6/16	66.53	2:10	5.92	.095	90.3	11.26	7.75
CORONET CR.	6/16	18.22	1:15	7.59	.126	78.4	9.37	7.86
CAMEL GARD.	6/16	3.74	1:40	7.35	.108	77.8	9.32	7.91
SM-MAHONEY	6/16	2.7g>225	12:55	6.8	.127	77.5	9.49	7.77
MILL CREEK	6/16	65	4:15	6.91	.082	80.2	9.76	7.57
SOCIETYTURN	6/16	315?	4:40	10.31	.123	85.3	9.57	7.64
SF-VANCE	6/18	325?	2:35	11.3	.238	95.6	10.43	7.93
SMKEYSTONE	6/18	325?	2:45	11.37	.129	96.8	10.64	7.84
BILK CREEK	6/18	150?	2:55	10.65	.106	9.74	10.86	7.90
DEEP CREEK	6/17	39.56	1:55	9.56	.131	87.5	9.97	7.67
SM AT DEEP C.	6/17	850?	1:40	10.22	.163	87.7	9.82	7.71
BIG BEAR CR.	6/17	100?	2:15	11.89	.198	87.5	9.46	7.8
FALL CREEK	6/17	250?	2:35	10.51	.171	87.2	9.72	7.97
LEOPARD C.	6/17	35.1	3:10	16.42	.292	94.6	9.15	8.53
SM ABOVE LEOPARD	6/17	1200?	2:52	11.36	.174	90.9	9.92	7.92
SPECIE C.	6/17	3.78	3:35	16.89	.362	93.6	9.06	8.5
SM-SPECIE G.	6/17	1070-1250	3:50	12.11	.179	91.6	9.86	8.2
HF-below WF, above Carrib.	6/9	25?	3:20	8.	.343	75.	8.6	7.72
GAMEBIRD adit	6/9	.5?	12:40	8.	1.258	60	7.	7.93
WFALL INTAKE	6/9	12-15	12:15	3.84	.217	70.	9.22	7.68
SMIG ABOVE BEAR	6/24	120.83	2:15	6.95	.153	55.5	6.76	7.72
BEAR CREEK	6/24	44.15	1:25	5.7	.106	71.3	8.95	7.94
CORONET CR.	6/24	8.62	1:18	6.95	.141	78.8	9.56	7.96
SM-MAHONEY	6/24	2.4g	1:00	6.48	.148	86.4	10.63	7.48

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	7/3	.96g 17cfs?	1:22	8.26	.460	69.3	8.16	7.48
HF-ABOVE CARB	7/3	1.1g 12-15cfs?	12:45	7.27	.35	76.7	9.24	7.49
HF-BELOW C	7/3	.84g, 14cfs?	1:00	7.46	.452	68.2	8.17	7.52
CARBONERO	7/3	1-2	12:38	9.12	1.150	78.6	9	7.22
WATERFALL	7/11	27.3	12:30	7.55	.186	77.7	9.29	7.84
HF-BELOW CARRIBEAU	7/7	35-40?	2:05	8.49	.388	51	6	7.53
LAKE FORK	7/9	33.97	2:15	12.35	.204	70.4	7.53	8.06
HF-BELOW PENSTOCK	7/9	53.36	2:35	10.62	.395	64.5	7.15	7.77
PROSPECT CR	7/11	7.61	1:30	8.93	.147	45.7	5.28	8.23
TURKEY CR.	7/9	4.19	3:10	12.77	.163	81.9	8.66	8.21
SMIG ABOVE BEAR	7/8	100.45	2:30	10.24	.143	78.	8.74	7.7
BEAR CREEK	7/8	32.18	2:10	7.99	.094	84.1	9.95	7.99
CORONET CR.	7/8	4.42	1:30	9.69	.158	84.	9.54	8.1
CAMEL GARD.	7/8	2.5-3	1:45	9.71	.182	90.3	10.25	8.27
SM-MAHONEY	7/8	144.85	1:05	8.68	.147	89.1	8.66	8.21
MILL CREEK	7/8	32.67	5:40	8.95	.088	74.5	8.63	7.8
SOCIETYTURN	7/9	200?	4:10	13.13	.147	78.5	8.22	8.05
SF-VANCE	7/9	250-300?	3:25	13.5	.288	79.	8.22	8.09
SMKEYSTONE	7/9	200-250?	3:35	14.18	.155	82.1	8.45	8.08
BILK CREEK	7/9	80?	3:50	12.66	.114	86.6	9.2	8.04
DEEP CREEK	7/10	19.41	12:50	9.4	.144	73.5	8.41	7.95
SM AT DEEP C.	7/10	550?	12:30	10.49	.192	70.8	7.83	7.65
BIG BEAR CR.	7/10	20.2	1:15	12.78	.30	69.2	7.32	8.46
FALL CREEK	7/10	80-100?	1:40	13.84	.232	79.5	8.22	8.41
LEOPARD C.	7/10	12.88	2:20	18.46	.369	84.1	7.88	8.63
SM ABOVE LEOPARD	7/10	700?	2:00	12.62	.218	80.8	8.6	8.27
SPECIE C.	7/10	2.5-3	2:30	17.79	.387	81.2	7.72	8.49
SM-SPECIE G.	7/10	785-897	3:00	13.12	.220	92.2	9.69	8.25
HF-below WF, above Carrib.	7/7	35-40	2:20	8.29	.361	36	4.23	7.44
GAMEBIRD adit	7/7	.5?	12:10	8.46	1.233	68	7.92	7.33
WFALL INTAKE	7/7	10-12	11:12	5.37	.185	84.2	10.5	7.07
SMIG ABOVE BEAR	7/22	70.58	2:15	10.12	.161	73.2	8.23	7.78
BEAR CREEK	7/22	32.35	1:50	7.92	.099	72.	8.54	7.99
CORONET CR.	7/22	1.72	1:20	10.97	.186	73.2	8.14	8.23
SM-MAHONEY	7/22	96.79	12:55	10.32	.207	72.4	8.11	7.77

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	8/6	.76g 12?	11:00	7.82	.636	78.9	9.34	7.55
HF-ABOVE CARB	8/6	.66g 10?	11:30	7.77	.502	79.6	9.5	7.7
HF-BELOW C CARBONERO	8/6	.68g 11?	11:20	8.15	.598	78.7	9.27	7.81
WATERFALL	8/11	6.3	12:45	8.11	.291	91.1	10.74	8.05
HF-BELOW CARRIBEAU	8/5	15?	2:25	8.83	.587	84.3	9.76	7.61
CARRIB.ADIT	8/11	3-4	1:15	6.45	1.114	80.6	9.91	7.8
C.ADIT AT HF	8/11	3-4	1:20	8.88	.879	83.5	10.27	7.48
LAKE FORK	8/8	9.08	12:00	10.58	.261	87.8	9.77	8.36
HF-BELOW PENSTOCK	8/8	21.94	12:15	8.65	.515	93.2	10.87	8.06
PROSPECT CR	8/8	5.15	3:00	10.63	.184	98.8	10.97	8.5
TURKEY CR.	8/8	1-2	12:45	12.57	.204	90.3	9.61	8.27
SMIG ABOVE BEAR	8/6	54.93	2:45	11.89	.194	85.5	9.24	7.86
BEAR CREEK	8/6	19.19	2:15	9.9	.119	87.5	10.13	8.18
CORONET CR.	8/6	.943	1:45	12.6	.208	86.8	9.27	8.34
CAMEL GARD.	8/6	<.5	1:50	11.83	.244	84.1	9.09	8.4
SM-MAHONEY	8/6	72.68	1:20	10.53	.196	85.4	9.51	7.72
MILL CREEK	8/6	7.98	4:35	11.09	.108	82.9	9.12	8.09
SOCIETYTURN	8/7	86-90	4:15	12.66	.213	86.2	9.15	8.39
SF-VANCE	8/8	100?	1:00	12.49	.359	94.4	10.05	8.27
SMKEYSTONE	8/8	95?	1:10	12.45	.231	95.8	10.19	8.35
BILK CREEK	8/8	32.74	1:30	11.86	.156	99.2	10.71	8.43
DEEP CREEK	8/7	12.59	12:35	10.69	.184	84.4	9.4	8.19
SM AT DEEP C.	8/7	230?	12:17	11.68	.247	82.1	8.91	8.16
BIG BEAR CR.	8/7	15.42	1:05	12.04	.279	86.7	9.33	8.51
FALL CREEK	8/7	32.3	1:50	13.26	.274	88.7	9.27	8.54
LEOPARD C.	8/7	13.34	2:30	16.29	.364	88.3	8.65	8.6
SM ABOVE LEOPARD	8/7	280?	2:10	13.76	.308	90.9	9.41	8.28
SPECIE C.	8/7	1-2	2:50	15.54	.366	91.1	9.07	8.57
SM-SPECIE G.	8/7	330-373	3:00	14.02	.277	92.5	9.55	8.54
HF-below WF, above Carrib.	8/11	31.87	1:55	10.4	.523	94.9	10.6	7.66
GAMEBIRD adit	8/5	12:15	<.5	7.8	1.238	52	6	7.81
WFALL INTAKE	8/5	11:55		6.59	.285	75.1	9.16	7.64

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	9/2	.55g12	1:05	8.7	.609	116.6	13.5	8.42
HF-ABOVE CARB	9/2	.65g10	12:40	7.78	.479	98.8	12.	7.96
HF-BELOW C	9/2	.6g12	12:30	8.04	.552	94.8	11.22	7.41
CARBONERO	9/2	3-4?	12:50	12.26	1.042	87.5	9.33	7.77
WATERFALL	9/9	3.23	1:00	5.6	.357	80.4	10.11	7.95
HF-BELOW CARRIBEAU	9/8	15?	2:10	9.06	.624	79	9	7.38
CARRIB.ADIT	9/8	3?	2:30	6.17	.985	64	8	6.73
C.ADIT AT HF	9/10	3-4	1:50	7.23	.725	73.7	8.88	7.25
LAKE FORK	9/5	6.73	1:15	8.72	.265	89.1	10.36	8.03
HF-BELOW PENSTOCK	9/5	12.9	1:35	8.76	.578	86.2	10.01	7.87
PROSPECT CR	9/5	2.52	5:15	8.43	.173	67.2	7.86	8.17
TURKEY CR.	9/5	1.5-2	1:55	8.65	.219	84.1	9.8	8.22
SMIG ABOVE BEAR	9/3	12.93	2:30	10.65	.252	70.3	7.8	7.82
BEAR CREEK	9/3	7.25	2:00	7.7	.150	67.3	8.03	8.24
CORONET CR.	9/3	2-3	1:10	11.68	.218	108.8	11.79	8.2
CAMEL GARD.	9/3	.5?	1:30	9.14	.249	77.5	8.92	8.15
SM-MAHONEY	9/3	27.7	12:55	10.63	.262	97.1	10.79	7.57
MILL CREEK	9/3	1.45	4:45	10.12	.133	62.3	7.0	7.99
SOCIETYTURN	9/5	35-40	2:55	15.43	.260	71.3	7.13	8.03
SF-VANCE	9/5	45-50	2:05	14.08	.400	84.2	8.65	8.06
SMKEYSTONE	9/5	45?	2:15	13.52	.279	96.1	9.98	8.2
BILK CREEK	9/5	6.48	2:38	12.43	.217	77.	8.21	8.38
DEEP CREEK	9/4	8.19	12:50	8.57	.23	78.2	9.13	8.06
SM AT DEEP C.	9/4	105?	12:35	9.61	.302	60.4	6.87	7.73
BIG BEAR CR.	9/4	5.07	1:15	8.69	.301	77.5	9.01	8.35
FALL CREEK	9/4	14.58	1:55	11.95	.286	80.5	8.68	8.41
LEOPARD C.	9/4	5.48	2:25	13.55	.376	80.5	8.37	8.41
SM ABOVE LEOPARD	9/4	124?	2:05	15.52	.336	86.3	8.62	8.52
SPECIE C.	9/4	<1	2:45	14.32	.442	73.7	7.53	8.32
SM-SPECIE G.	9/4	130	2:55	14.03	.331	82.9	8.53	8.48
HF-below WF, above Carrib.	9/9	15.74	1:30	7.21	.602	70.4	8.49	7.69
GAMEBIRD adit	9/8	1?	12:40	8.13	1.111	55.	6.5	7.43
WFALL INTAKE	9/9	3.5-4	12:10	4.93	.346	84.8	10.84	7.86
LOWER BEAVER	9/4	135?	3:20	16.73	.334	82.0	8.2	8.51

SAMPLELOCATION	DATE08	FLOW	TIME	TEMP	COND	DO%	DO	PH
Sheep cr.-DCT xing	9/6		12:26	6.84	.114	68.8	8.42	7.84
Efork Deep-ditch trail	9/6		12:47	6.54	.164	72.9	8.96	7.75
Ruffner Mtn.Spring-Iron Mtn. Rd.	9/6		1:35	16.91	.136	70.9	6.96	8.41
Efork Deep-trail br.	9/6		2:30	8.17	.163	64.3	7.58	7.91
Dallas cr.- SHL trail	9/7		11:30	4.47	.060	60.8	8.11	7.51
Nfork Dallas cr,SHL	9/7		12:20	7.96	.088	51.4	6.11	7.92
Mill Cr. above upper falls-SHL	9/7		12:35	10.48	.092	52.4	5.85	7.86
Mill Cr.,Wline br.	9/7		5:00	7.32	.120	47.5	5.72	7.86
Chapman Cr-pass rd	9/10	3-4	12:30	5.52	.939	62.7	7.88	7.5
Ophir Lake	9/10		12:50	9.32	.313	82.3	9.44	6.97
HF-above Swamp	9/10	2?	1:05	6.0	.314	79.	9.88	6.49
HF- Swamp rd. xing	9/10	5-7	1:17	6.07	.369	80.9	10.05	6.83
Chapman cr-swamp road	9/10	3?	1:23	6.17	.948	66.7	8.22	7.02
Stillwell tunnel	9/15	.25	1:15	6.24	.204	75.7	9.38	7.57
Drainage just below Stillwell tr. Split	9/15	.25	1:55	6.26	.148	80.3	9.91	7.79
Drainage just above weibe trail	9/15	.5	2:00	7.87	.162	79.6	9.43	7.93
Chapman cr-Pass rd.	9/30	2-3	12:30	4.99	.981	90.9	11.6	8.16
Ophir Lake	9/30		12:55	10.73	.308	103.5	11.32	7.71
HF above Swamp	9/30	2	1:15	5.39	.327	78.9	9.96	6.94
HF below Swamp at rd. xing	9/30	3-4	1:22	6.25	.427	70.7	8.73	6.6
Chapman-swamp rd	9/30	2-3	1:30	6.99	.981	65.9	7.96	6.67
Bear Cr.-big rock	10/10	10?	1:15	3.18	.146	63.2	8.48	7.14
Wasatch TH trib	10/10	1?	1:27	6.32	.159	51.8	6.4	7.5
Contention cr.	10/10	.5	1:45	6.53	.164	39.1	4.8	7.7
Town park cutoff corner cr.	10/10	.5?	2:03	7.58	.211	29	3.47	7.72
Alder cr. 1 mi. up from hwy.145/62	10/12		6:22	8.01	.268	22.7	2.69	7.66
Cornet cr-upper wiebe bridge	10/14	2-3	12:30	3.09	.109	29.4	3.9	7.92
Butcher cr.-at Waterline trail xing	10/14	.25	1:05	3.27	.234	22.1	2.95	7.7
Cornet-base of falls	10/14	.5	1:42	1.11	.187	19.6	2.78	7.86
Chapman-Ophir rd.	11/21	1-2	12:25	1.92	1.382	87.2	12.16	7.26
HF above Swamp	11/21	1-2	1:10	.04	.471	89.2	13	7.93
HF below Swamp	11/21	4-5	1:25	.91	.704	106.1	15.08	7.89
Chapman at Swamp	11/21	1-2	1:35	2.91	1.375	89.9	11.96	7.43

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	9/29	.34g10?	1:45	7.61	.770	129.	15.4	8.11
HF-ABOVE CARB	9/29	.35g7?	1:18	6.8	.623	239.9	29.9	7.91
HF-BELOW C	9/29	.45g9?	1:08	7.13	.720	166.9	20.02	8.24
CARBONERO	9/29	2?	1:25	9.02	1.076	145.6	16.64	7.74
WATERFALL	10/3	2.59	12:37	4.87	.373	63.9	8.18	8.05
HF-BELOW CARRIBEAU	10/6	10?	1:55	7.34	.681	103.5	12.22	7.09
CARRIB.ADIT	10/6	2?	2:20	5.95	.967	68.8	8.5	6.65
C.ADIT AT HF	10/7	2?	1:35	6.87	.836	36.9	4.46	6.9
LAKE FORK	10/3	9.04	1:15	7.2	.25	73.8	8.9	8.05
HF-BELOW PENSTOCK	10/3	5.66	1:35	6.8	.486	84.8	10.31	7.89
PROSPECT CR	10/3	2.97	3:20	5.95	.187	69.7	8.76	8.17
TURKEY CR.	10/3	1-2	1:57	6.69	.207	92.8	11.52	7.94
SMIG ABOVE BEAR	10/1	4.98	2:40	12.1	.333	74.3	7.97	7.72
BEAR CREEK	10/1	2.43	2:15	7.27	.163	83.7	10.09	8.06
CORONET CR.	10/1	1-2	1:45	10.18	.224	96.5	10.79	7.85
CAMEL GARD.	10/1	<.5	1:50	7.6	.263	84.5	10.11	7.91
SM-MAHONEY	10/1	14.39	1:20	10.18	.312	110.6	12.5	7.34
MILL CREEK	10/1	2.91	3:40	7.22	.141	64.2	7.75	7.92
SOCIETYTURN	10/3	23-25	2:55	10.08	.275	76.9	8.66	8.07
SF-VANCE	10/3	30-35	2:10	9.04	.479	74.2	8.57	8.99
SMKEYSTONE	10/3	25-30	2:18	9.02	.287	84.4	9.74	8.09
BILK CREEK	10/3	4.16	2:40	8.16	.24	81.7	9.64	8.21
DEEP CREEK	10/2	5.06	12:32	6.65	.239	67.1	8.21	8.01
SM AT DEEP C.	10/2	40-50	12:20	7.28	.331	65.8	7.93	7.94
BIG BEAR CR.	10/2	1.54	6:12	8.9	.320	70.8	8.2	8.25
FALL CREEK	10/2	8.82	5:43	9.75	.293	72.3	8.21	8.13
LEOPARD C.	10/2	3.98	5:17	10.04	.362	72.8	8.21	8.03
SM ABOVE LEOPARD	10/2	70?	12:53	8.64	.364	55.2	6.46	7.93
SPECIE C.	10/2	<1	4:50	10.16	.449	59.5	6.66	7.84
SM-SPECIE G.	10/2	75-85	4:58	10.4	.358	65.6	7.35	8.02
HF-below WF, above Carrib.	10/6	8-10	2:40	7.15	.656	55.1	6.6	6.85
GAMEBIRD adit	10/6	<.5	11:55	7.79	1.086	60.7	7.2	7.03
WFALL INTAKE	10/3	5?	11:55	4.92	.376	68.3	8.72	7.92
Below DRY CR.	9/26	40?	5:00	20.36	1.044	121.2	10.96	8.48
Below Calamity br.	9/26	40?	4:40	21.59	.987	115.4	10.27	8.26
Tab. Bridge	9/26	45?	4:15	20.83	1.201	98.6	8.93	8.1
Dol. Confluence	9/26	50?	3:30	20.58	1.221	94.7	8.3	8.13

SAMPLING LOCATION	DATE 2008	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	12/3	.27g 8	12:55	.98	1.352	85	12.07	7.65
HF-ABOVE CARB	12/3	.26g3-4	1:15	1.15	1.08	83.1	11.84	8.34
HF-BELOW C	12/3	6-7	12:30	2.01	1.263	74.3	10.32	8.16
CARBONERO	12/3	2?	12:10	.63	1.723	61.	8.79	7.98
WATERFALL	12/2	3?	1:55	1.79	.693	102	14.33	8.47
HF-BELOW CARRIBEAU	12/8	10-12	3:20	1.39	1.2	79.	11.6	6.68
CARRIB.ADIT	12/8	2-3	2:30	5.66	1.505	53.	6.6	6.53
C.ADIT AT HF	12/8	1-2	2:45	6.0	1.6	60	7	6.6
LAKE FORK	12/4	9-10	2:05	.01	.431	91.3	13.39	7.63
HF-BELOW PENSTOCK	12/4	9-10	2:15	2	.855	77.2	10.64	8.03
PROSPECT CR	12/5	.95g1-2	12:55	.22	.328	80	11.69	7.96
TURKEY CR.	12/4	2-3	2:30	.23	.357	103.4	15.23	8.24
SMIG ABOVE BEAR	12/5	8?	4:00	1.43	.473	71.8	10.08	8.18
BEAR CREEK	12/5	5?	3:50	-.24	.310	78.6	11.56	8.26
CORONET CR.	12/5	?ice	3:30	-.24	.339	76.1	11.16	8.1
CAMEL GARD.	12/5	Ice	Ice	Ice	Ice	Ice	Ice	Ice
SM-MAHONEY	12/5	1.1g 8-10	3:22	4.68	.638	59.3	7.63	8.07
MILL CREEK	12/5	5?	3:10	-.24	.263	68.2	9.73	8.4
SOCIETYTURN	12/5	15?	3:00	2.37	.47	74.3	10.13	8.33
SF-VANCE	12/4	20-25	2:45	1.99	.644	78.73	10.8	8.08
SMKEYSTONE	12/4	20?	2:55	1.9	.500	80.7	1.23	7.98
BILK CREEK	12/4	5?	3:05	-.24	.407	84.6	12.46	8.18
DEEP CREEK	12/4	4-5	3:20	-.24	.336	80.9	11.91	8.24
SM AT DEEP C.	12/4	50-55	3:15	.42	.505	76.1	10.92	8.16
BIG BEAR CR.	12/4	3-4	3:40	-.14	.570	70.7	10.45	8.03
FALL CREEK	12/4	10?	4:05	0	.487	74.1	10.8	8.21
LEOPARD C.	12/4	4-5	4:36	2.03	.573	75.6	10.42	8.12
SM ABOVE LEOPARD	12/4	60-65	4:30	.67	.592	78.9	11.27	8.25
SPECIE C.	12/4	<1	4:50	1.89	.792	68.1	9.88	7.95
SM-SPECIE G.	12/4	65-70	5:00	.9	.598	73.3	10.43	8.23
HF-below WF, above Carrib.	12/8	9-10	3:00	1.1	1.166	79	11.6	6.73
GAMEBIRD adit	12/8	1?	11:40	7.44	1.71	46.3	5.6	7.01
WFALL INTAKE	12/2	3?	1:20	4.2	.685	76.	9.96	8.34
SM below Beaver	12/4	70?	5:20	.33	.593	76.4	11.04	8.27
HF above Swamp	12/11	3-4	1:00	.71	.806	10.9	1.5	6.94
HF below Swamp	12/11	5-6	1:10	.44	.806	9.1	1.3	6.95

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	1/9	6-7	12:35	1.54	1.13	1.3	9.99	.26
HF-ABOVE CARB	1/9	4-5	1:15	1.61	.954	81.5	11.36	7.81
HF-BELOW C	1/9	5-6	1:02	1.39	.996	82.1	11.43	7.13
CARBONERO	1/9	1	1:25	1.21	1.492	79.5	11.03	7.09
WATERFALL	1/22	Ice	11:45	1.19	.032	56.	7.36	8.42
HF-BELOW CARRIBEAU	1/22	8-10	4:45	1.75	1.012	62	9.6	7.92
CARRIB.ADIT	1/22	3?	3:50	2.3	1.03	73	10	7.52
C.ADIT AT HF	1/22	3?	4:30	4.24	1.12	74.3	9.66	7.51
HF-below WF, above Carrib.	1/22	8-10	4:20	5.9	1.25	71.5	8.8	7.92
GAMEBIRD adit	1/22	1?	1:00	7.61	1.416	49.4	5.9	7.73
WFALL INTAKE	1/22	Ice	12:20	1.19	.637	54.	7.4	8.42
SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	2/8	.2g-5?	12:48	2.04	1.135	88	12.2	8.02
HF-ABOVE CARB	2/8	.2g-3?	1:20	1.94	.95	96.3	13.3	7.8
HF-BELOW C	2/8	4?	1:30	1.82	.996	99.4	13.9	7.67
CARBONERO	2/8	<1	1:13	.79	.025	77.8	11	7.86
WATERFALL	2/8	?ice	11:50	1.28	.629			7.86
HF-BELOW CARRIBEAU	2/13	11?	3:45	2.56	1.04	91	12.7	7.5
CARRIB.ADIT	2/13	3?	4:15	5.85	1.242	64	7.9	7.03
C.ADIT AT HF	2/13	2?	4:25	3.59	1.108	58.3	7.7	6.96
HF-below WF, above Carrib.	2/13	9-10	4:45	.85	1.023	60	8.5	7.15
GAMEBIRD adit	2/13	<1	1:00	7.71	1.397	67	8.06	7.04
WFALL INTAKE	2/13	3?	12:25	2.24	.619	67.4	9.23	7.86

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	3/1	.18g-5	12:45	2.42	1.156	49.5	6.48	7.77
HF-ABOVE CARB	3/1	.19g-5	1:15	3.3	97.1	56.7	7.54	7.77
HF-BELOW C	3/1	Ice7?	1:25	3.14	1.01	60.4	8.68	7.68
CARBONERO	3/1	1?	1:10	4.9	1.48	47.3	6.08	7.95
WATERFALL	3/7	Ice	1:32	.14	.593	151.	22	8.6
HF-BELOW CARRIBEAU	3/13	10-12	2:35	6.	.964	74.	9	7.3

CARRIB.ADIT	3/13	5	2:00	6.	.925	78	10.05	7.16
C.ADIT AT HF	3/13	Ice	2:45	4.93	1.0	62	6.63	7.12
HF-below WF, above Carrib.	3/13	7?	2:35	5.	1.12	59	7.33	7.3
GAMEBIRD adit	3/13	1.5-2	11:25	8	1.245	64	7.75	7.6
WFALL INTAKE	3/7	3?	1:00	.2	.019	88.3	12.83	8.2

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	4/3	.18g	2:25	2.74	.969	77.1	9.2	8.47
HF-ABOVE CARB	4/3	.2g	1:50	2.62	.835	66.2	8.82	8.15
HF-BELOW C	4/3	Snow	2:00	2.47	.880	92.5	12.6	8.02
CARBONERO	4/3	Snow	1:40	.97	1.307	71.6	10.15	8.6
WATERFALL	4/6	Snow	2:25	1.43	.568	64.1	8.99	8.78
HF-BELOW CARRIBEAU	4/8	14?	1:50	7	.866	71	8.7	7.8
CARRIB.ADIT	4/8	3?	2:15	7	1.08	63	7.8	7.5
C.ADIT AT HF	4/8	2-3	2:25	5.79	.962	86.9	10.89	7.37
HF-below WF, above Carrib.	4/8	12?	2:45	4	.849	69	9	7.8
GAMEBIRD adit	4/8	<1	11:30	8	1.209	61	6.1	8.6
WFALL INTAKE	4/8	2-3	1:50	4.86	.555	71.2	9.1	8.53

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
HF-EOPHIR	5/1	.75g 13-14	1:30	5.53	.559	72.	9.06	8.58
HF-ABOVE CARB	5/1	.8g 11	1:05	4.51	.459	68.3	8.79	8.71
HF-BELOW C	5/1	.6g 12	1:15	4.84	.493	68.1	8.72	8.78
CARBONERO	5/1	1-2	12:55	8.91	.760	67.4	7.67	8.28
WATERFALL	5/3	6-7	1:35	2.32	.306	70.4	9.64	8.42
HF-BELOW CARRIBEAU	5/26	40	2:30	6	.423	72	8.8	7.08
CARRIB.ADIT	5/26	3	2:05	6	1.078	60	6	6.8
C.ADIT AT HF	5/26	3	1:50	6.49	.642	90.3	12.3	8.83
HF-below WF, above Carrib.	5/26	35	1:30	6	.407	65	8.6	8.7
GAMEBIRD adit	5/26	<1	11:10	8.	1.204	70	8.2	8.4
WFALL INTAKE	5/3	7-8	1:00	2.1	.311	63.7	8.77	8.12

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	6/15/09	42.91	1:50	7.17	.202	76.3	9.1	8.04
HF-BELOW PENSTOCK	6/15	28.84	2:10	7.15	.442	70.8	8.56	7.94
PROSPECT CR	6/15	7.38	4:05	9.17	.153	61.7	7.1	8.17
TURKEY CR.	6/15	8-9	2:28	9.54	.177	91	10.52	8.11
SMIG ABOVE BEAR	6/11	49.3	2:55	6.32	.187	51.8	6.39	8.08
BEAR CREEK	6/11	18.96	2:40	5.11	.127	53.6	6.82	8.23
CORONET CR.	6/11	3.35	4:50	6.42	.164	68.2	8.4	8.16
CAMEL GARD.	6/11	1-1.5	5:05	6.34	.155	69.6	8.6	8.09
SM-MAHONEY	6/11	82.59	3:30	6.39	.185	71.7	8.89	7.99
MILL CREEK	6/11	11.38	5:30	5.41	.123	77.4	9.75	8.16
SOCIETYTURN	6/15	100	3:30	10.65	.178	70.7	7.88	7.92
SF-VANCE	6/15	100	2:40	10.28	.293	78.7	8.37	8.05
SMKEYSTONE	6/15	110	2:50	10.38	.188	76.1	8.78	8.11
BILK CREEK	6/15	32	3:15	9.31	.138	76.4	8.9	8.08
DEEP CREEK	6/12	18.85	1:20	8.56	.185	76.2	8.86	8.11
SM AT DEEP C.	6/12	260	1:00	9.23	.237	75.1	8.7	8.03
BIG BEAR CR.	6/12	16.46	1:50	8.39	.247	74.5	8.83	8.14
FALL CREEK	6/12	50ish	2:10	9.31	.212	76.9	8.72	8.19
LEOPARD C.	6/12	20.14	2:40	13.44	.340	91.4	9.52	8.29
SM ABOVE LEOPARD	6/12	350ish	2:25	9.38	.249	76.9	8.4	8.1
SPECIE C.	6/12	3-4	3:00	12.5	.458	80.7	8.6	8.3
SM-SPECIE G.	6/12	400	2:55	10.49	.247	71.8	8.03	8.35
HF-EOPHIR	6/3	18-1.g	1:00	6.06	.495	69.3	8.61	7.68
HF-ABOVE CARB	6/16	18-20	1:25	7	.482	89	10.75	7.51
HF-BELOW C	6/16	20-.8g	12:50	7	.529	72	8.8	7.7
CARBONERO	6/3	2-3	12:20	6.98	1.108	72.5	8.77	7.6
WATERFALL	6/15	15.52	5:20	4.65	.215	71.4	9.2	8.08
HF-BELOW CARRIBEAU	6/16	32-35	3:10	8	.447	81	9.7	7.3
CARRIB.ADIT	6/16	3-4	2:40	8	1.035	71	8.79	7.09
C.ADIT AT HF	6/3	2-3	12:20	6.98	1.108	72.5	8.77	7.6
HF-below WF, above Carrib.	6/16	30-32	2:20	6	.417	74	7.4	7.6
GAMEBIRD adit	6/16	1	12:10	9	1.155	67	7.7	7.5
WFALL INTAKE	6/16	8-10	11:45	5.07	.205	74	9.45	7.71

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	7/10	11.24	1:40	11.96	.256	73.8	7.84	7.7
HF-BELOW PENSTOCK	7/10	31.5	2:00	10.31	.467	73.8	8.25	7.59
PROSPECT CR	7/10	3.6	5:22	11.06	.166	70.7	7.67	7.76
TURKEY CR.	7/10	2-3	2:20	13.36	.223	98.2	10.2	7.75
SMIG ABOVE BEAR	7/8	72.08	4:20	11.44	.166	82.9	9.05	7.47
BEAR CREEK	7/8	27.84	3:55	8.52	.120	82.6	9.66	7.61
CORONET CR.	7/8	1-2	3:15	12.3	.202	77.9	8.34	7.88
CAMEL GARD.	7/8	<1	3:25	11.19	.212	82.7	9.12	8.01
SM-MAHONEY	7/8	88.33	3:10	11.87	.185	79	8.5	7.53
MILL CREEK	7/8	18.49	2:44	10.19	.106	78.2	8.78	7.43
SOCIETYTURN	7/10	110	4:55	12.87	.185	76.8	8.03	7.48
SF-VANCE	7/10	75	2:30	13.72	.329	73.9	7.66	7.65
SMKEYSTONE	7/10	110	2:35	12.66	.196	79.5	8.0	7.68
BILK CREEK	7/10	26.8	3:00	13.10	.133	80.3	8.51	7.78
DEEP CREEK	7/9	13.98	6:15	12.13	.190	72.9	7.8	7.81
SM AT DEEP C.	7/9	220	6:10	14.32	.256	66	6.64	8.19
BIG BEAR CR.	7/9	6.88	5:45	15.09	.261	71.	7.01	7.94
FALL CREEK	7/9	28.96	5:20	17.08	.25	70.9	6.8	8.2
LEOPARD C.	7/9	9.14	5:00	20.55	.391	72.9	6.55	8.21
SM ABOVE LEOPARD	7/9	260-65	5:10	15.65	.255	76.	7.44	8.04
SPECIE C.	7/9	1-2	4:40	18.07	.476	80.7	7.48	7.82
SM-SPECIE G.	7/9	280- 320	4:25	15.24	.260	95.	10.07	8.08
HF-EOPHIR	7/3	18-20	12:32	8.08	.510	71.8	8.48	7.53
HF-ABOVE CARB	7/3	12-15	12:00	7.47	.38	72.	8.58	7.25
HF-BELOW C	7/3	15-18	12:15	7.86	.469	58	6.83	7.15
CARBONERO	7/3	2-3	11:50	11.55	1.089	74.	8.03	6.8
WATERFALL	7/10	16.98	11:35	5.86	.243	74.8	9.23	7
HF-BELOW CARRIBEAU	7/13	30-35	2:20	8.64	.505	80.5	9.43	7.31
CARRIB.ADIT	7/13	2-3	2:45	6.27	1.089	74.	9.18	6.8
C.ADIT AT HF	7/13	2-3	2:55	9.28	.873	66.1	7.55	6.89
HF-below WF, above Carrib.	7/13	25-28	3:05	9.16	.476	78.5	9.02	7.1
GAMEBIRD adit	7/13	<1	12:15	7.78	1.236	65.	7.5	7.0
WFALL INTAKE	7/10	15-18	12:00	5.67	.25	74.2	9.34	7.93
Beaver boat ramp	7/11	240	3:45	14.89	.259	81.1	8.21	7.53

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	8/3	6.82	1:55	11.39	.277	7.58	8.28	7.88
HF-BELOW PENSTOCK	8/3	15.77	2:15	10.66	.565	56.5	6.1	8.01
PROSPECT CR .68g	8/3	3.09	4:05	11.01	.187	55.9	6.04	8.21
TURKEY CR.	8/3	.5	2:40	12.59	.253	70.3	7.47	8.08
SMIG ABOVE BEAR	8/4	17.51	3:15	12.2	.271	101.7	10.91	8.05
BEAR CREEK	8/4	6.91	2:55	8.94	.163	75.	8.69	7.94
CORONET CR.	8/4	<.5	2:00	13.03	.234	72.4	7.56	8.03
CAMEL GARD.	8/4	<.25	2:15	11.37	.262	44.	4.75	7.9
SM-MAHONEY	8/4	27.44	1:50	12.17	.282	76.4	8.2	7.83
MILL CREEK	8/4	6.	1:25	9.71	.129	73.9	8.42	7.87
SOCIETYTURN	8/3	40-45	3:40	16.6	.253	78.9	7.69	8.1
SF-VANCE	8/3	60?	2:50	14.06	.392	74.7	7.67	8.28
SMKEYSTONE	8/3	50?	3:00	15.54	.265	78.6	7.83	8.29
BILK CREEK	8/3	12.3	3:20	14.39	.191	75.7	7.74	8.31
DEEP CREEK	8/6	8.2	1:45	11.94	.223	57.	6.11	8.01
SM AT DEEP C.	8/6	125-30	1:25	12.84	.316	64	6.7	7.24
BIG BEAR CR.	8/6	.313	2:10	13.51	.331`	77.8	8.1	8.33
FALL CREEK	8/6	10.08	2:50	15.48	.335	73.9	7.37	8.46
LEOPARD C.	8/6	4.31	3:30	16.54	.396	74.8	7.29	8.5
SM ABOVE LEOPARD	8/6	140?	3:15	15.6	.345	79.6	7.89	8.45
SPECIE CR.	8/6	<1.5	3:00	15.9	.409	68.3	6.82	8.19
SM-SPECIE G.	8/6	150	4:00	16.6	.342	74.8	7.44	8.59
HF-EOPHIR	8/4	.6g12?	11:25	8.21	.694	89.7	10.58	6.41
HF-ABOVE CARB	8/4	.01g8?	12:00	8.31	.561	93.6	11.13	7.02
HF-BELOW C	8/4	.9g10?	11:45	7.91	.627	90.1	10.79	7.1
CARBONERO	8/4	2?	12:05	8.3	1.098	79.4	9.38	7.38
WATERFALL	8/5	3.23	2:05	6.79	.332	50.	6.08	7.43
HF-BELOW CARRIBEAU	8/10	10-12	2:00	11.2	.645	64	7.01	7.44
CARRIB.ADIT	8/10	3	2:20	6.28	.990	34.	3.98	6.27
C.ADIT AT HF	8/10	3	2:30	7.85	.927	44	5.34	6.61
HF-above Carrib.	8/10	15	2:40	11.5	.623	74.	8.13	6.93
GAMEBIRD adit	8/10	.5	11:45	8.13	1.183	76.	9.19	6.93
WFALL INTAKE	8/10	7-8	11:20	6.17	.328	70.5	8.74	7.22
Lower Beaver boat ramp	8/6	150?	4:25	18.04	.310	81.1	7.57	8.55

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	9/1	5.95	1:15	9.83	.341	72.3	8.19	7.48
HF-BELOW PENSTOCK	9/1	8.74	1:35	9.23	.728	76.9	8.81	7.29
PROSPECT CR .5g	9/3	2.41	1:35	10.16	.252	100.4	11.32	7.78
TURKEY CR.	9/1	<.5	2:00	12.57	.393	78.	8.28	7.99
SMIG ABOVE BEAR	9/2	3.58	2:15	11.14	.386	90.9	10.01	7.32
BEAR CREEK	9/2	2.78	2:00	8.00	.225	92.1	10.9	7.6
CORONET CR.	9/2	<.5	1:15	12.73	.285	101.8	10.79	7.62
CAMEL GARD.	9/2	.25	1:30	10.39	.340	89.7	10.04	7.45
SM-MAHONEY	9/2	11.94	1:10	11:56	.385	94.6	10.3	7.07
MILL CREEK	9/1	1.88	3:20	10.22	.181	78.7	8.82	7.52
SOCIETYTURN	9/1	20?	2:55	15.77	.343	86.	8.51	7.65
SF-VANCE	9/1	40?	2:10	14.65	.467	77.8	7.9	7.72
SMKEYSTONE	9/1	25-30	2:20	14.06	.368	78.2	8.03	7.79
BILK CREEK	9/1	3.67	2:40	14.14	.252	78.9	8.11	7.95
DEEP CREEK	9/3	4.56	2:15	11.26	.313	101.4	11.13	7.83
SM AT DEEP C.	9/3	75?	2:00	12.47	.424	110.	11.94	7.74
BIG BEAR CR.	9/3	1.19	2:40	12.11	.387	77.5	8.3	8.01
FALL CREEK	9/3	7.18	3:10	13.58	.357	59.5	6.19	8.04
LEOPARD C.	9/3	.602	3:45	15.25	.494	63.3	6.34	7.98
SM ABOVE LEOPARD	9/3	90?	3:25	14.75	.436	62.7	6.35	8.22
SPECIE CR.	9/3	<.5	3:55	14.05	.585	57.5	5.91	7.76
SM-SPECIE G.	9/3	95	4:00	15.87	.440	68.6	6.78	8.19
HF-EOPHIR	9/3	.33g/10	12:27	8.91	.935	99.8	11.57	7.12
HF-ABOVE CARB	9/3	8?	12:00	7.77	.752	89.8	10.67	7.02
HF-BELOW C	9/3	1.1g/9	12:07	8.13	.837	102.9	12.16	7.32
CARBONERO	9/3	2?	11:55	7.85	1.268	105	12.54	6.64
WATERFALL	9/8	1.88	1:10	6.61	.463	52.6	6.43	7.68
HF-BELOW CARRIBEAU	9/14	11-12	2:30	7.68	.835	69.2	7.5	7.22
CARRIB.ADIT	9/14	1.5-2	2:50	6.13	1.157	60.8	7.52	6.73
C.ADIT AT HF	9/14	1.5-2	3:00	7.83	.975	60.3	7.14	6.77
HF-above Carrib.	9/14	9-10	2:00	7.57	.808	86.3	8.5	7.25
GAMEBIRD adit	9/14	.25	11:30	7.79	1.367	42	4.97	7.24
WFALL INTAKE	9/8	2?	12:30	6.3	.453	60.2	7.53	6.78
Lower Beaver boat ramp	9/3	95	4:20	17.09	.435	60.5	5.79	8.35

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	10/6	4-5	12:50	2.31	.328	77.5	10.68	6.89
HF-BELOW PENSTOCK	10/6	4.58	1:10	3.53	.657	89.7	11.86	7.1
PROSPECT CR .48g	10/6	1.8	1:00	4.07	.230	91.4	11.96	8.13
TURKEY CR.	10/6	<1	1:30	2.21	.402	83.3	11.41	7.47
SMIG ABOVE BEAR	10/6	4.56	4:10	10.22	.356	63.3	7.08	7.19
BEAR CREEK	10/6	3.08	3:55	4.77	.220	61.6	7.91	7.64
CORONET CR.	10/6	<1	3:25	6.78	.272	60.	7.25	7.28
CAMEL GARD.	10/6	<.5	3:30	3.52	.325	58.5	7.76	7.1
SM-MAHONEY	10/6	12.87	3:15	9.25	.379	57.7	6.62	7.2
MILL CREEK	10/6	2-3	2:55	4.	.183	54.	7.05	7.01
SOCIETYTURN	10/6	20?	2:30	10.98	.335	81.9	8.9	7.2
SF-VANCE	10/6	30-35	1:45	8.1	.534	76.	8.94	7.31
SMKEYSTONE	10/6	30-35	1:55	7.43	.358	65.1	7.7	7.41
BILK CREEK	10/6	4.61	2:15	6.25	.237	64.3	8.1	7.7
DEEP CREEK	10/7	6.56	12:50	5.24	.275	65.3	8.28	7.49
SM AT DEEP C.	10/7	60?	12:30	5.75	.383	61.8	7.72	7.2
BIG BEAR CR.	10/7	1.8	1:15	3.97	.371	65.8	8.62	7.63
FALL CREEK	10/7	9.05	1:50	4.86	.316	80.9	10.34	7.72
LEOPARD C.	10/7	3.16	2:22	8.22	.458	83.7	9.85	7.51
SM ABOVE LEOPARD	10/7	85?	2:05	5.86	.422	72.6	9.06	7.75
SPECIE CR.	10/8	<.5	2:40	6.58	.612	80.	9.79	7.38
SM-SPECIE G.	10/7	90	2:45	6.32	.424	97.1	11.98	7.74
HF-EOPHIR .35g	10/4	10?	11:20	4.43	.973	88.6	11.58	6.46
HF-ABOVE CARB.4g	10/4	6?	11:52	4.28	.801	59.	7.65	7.34
HF-BELOW C .9g	10/4	8?	11:42	4.16	.862	70.1	9.17	7.19
CARBONERO	10/4	1.5?	11:58	2.93	1.378	65.5	8.83	7.39
WATERFALL	10/8	4.43	12:15	3.68	.451	95.	12.56	7.86
HF-BELOW CARRIBEAU	10/12	10	2:30	6.6	.804	68	8.3	7.42
CARRIB.ADIT	10/12	2.	2:50	5.95	1.073	57	7.4	6.91
C.ADIT AT HF	10/12	2.	3:00	6.34	.886	74.4	9.17	6.9
HF-above Carrib.	10/12	8-9	3:10	6.4	.776	65	8.2	7.31
GAMEBIRD adit	10/12	.5	12:30	7.83	1.209	58.	7.	7.6
WFALL INTAKE	10/8	5?	11:45	4.89	.425	83.5	10.68	7.5
Lower Beaver boat ramp	10/7	90	3:10	6.92	.423	100.1	12.17	7.91

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK N37.51.929	11/12 WP115	4-5	4:15	3.46	.308	63.	8.29	7.98
HFBELOW PENSTOCK N37.51.887W107.52.847	11/12 WP116	4-5	4:25	4.44	.639	59.6	7.71	7.82
PROSPECT CR .44g N37.56.519W107.51.722	11/13 WP122	1.5	3:00	7.02	.271	38.2	5.6	8.38
TURKEY CR. N37.54.814W107.54.075	11/12 WP117	.5	4:40	2.76	.259	71.8	9.75	8.2
SMIG ABOVE BEAR N37.56.079W107.48.220	11/13 WP51	10	2:05	1.45	.329	65.3	9.13	7.89
BEAR CREEK N37.56.017W107.48.241	11/13 WP50	3	2:00	1.52	.220	105	14.78	8.3
CORONET CR. N37.56.250W107.49.144	11/13 WP47	.5	1:35	-1.8	.232	70.5	10.35	8.06
CAMEL GARD. N37.56.151W107.48.864	11/13 WP49	.25	1:45	-2.4	.277	68.3	10.04	8.21
SM-MAHONEY N37.56.306W107.49.318	11/13 WP46	15-20	1:30	3.96	.342	71.6	9.38	1.62
MILL CREEK N37.56.010W107.50.234	11/13 WP45	2-3	1:15	.560	.169	70.5	6.12	7.98
SOCIETY TURN N37.56.940W107.52.314	11/12 WP121	12-15	5:20	4.91	.325	59.3	7.55	7.96
SF-VANCE N37.56.080W107.53.848	11/12 WP118	25-30	4:50	4.85	.486	61.6	7.89	8.07
SMKEYSTONE N37.56.639W1-7.53.964	11/12 WP119	20-25	4:55	5.18	.345	66.1	8.4	8.22
BILK CREEK N37.56.807W107.55.301	11/12 WP120	2	5:05	3.21.	.237	64.4	8.61	8.25
DEEP CREEK N37.57.245W107.55.249	11/16	3-4	3:30	-2.7	.256	78.3	11.47	7.13
SM AT DEEP C. N37.57.236W107.55.904	11/16 WP53	65	3:35	-2.5	.364	70.1	10.17	7.51
BIG BEAR CR. N37.57.985W107.58.225	11/16 WP55	2-3	3:50	-2.9	.412	58.7	8.64	8.21
FALL CREEK N37.58.871W108.01.702	11/16 WP62	6-7	4:05	.07	.365	51.7	7.54	8.22
LEOPARD C. N38.01.222W108.03.670	11/16 WP64	4	4:25	2.37	.422	52.1	7.12	8.13
SM ABOVE LEOPARD N38.01.091W108.03.382	11/16 WP63	70	4:17	-2.9	.447	50.	7.43	8.18
SPECIE CR. N38.01.805W108.06.635	11/16 WP65	Ice	4.35	.85	.579	79.8	11.21	8.19
SM-SPECIE G.	11/16	75	4:45	-2.8	.433	75.3	11.09	8.23

SAMPLING LOCATION	DATE 2009	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	12/11	Ice 5?	12:35	.28	.317	117.1	16.9	8.00
AMES OUTLET FLOW	12/11	10-12	12:42	2.92	.305	124.	16.9	7.92
HF-BELOW PENSTOCK	12/11	7-8	12:15	.93	.735	62.2	8.62	7.76
PROSPECT CR ice	12/11	Ice	4:50	Ice	Ice	Ice	Ice	ice
TURKEY CR.	12/11	Ice						
SM ABOVE BEAR	12/11	Ice	4:25	.96	.361	62.7	8.91	7.93
BEAR CREEK	12/11	Ice						
CORONET CR.	12/11	Ice						
CAMEL GARD.	12/11	Ice						
SM-MAHONEY 1.0g	12/11	8-10	4:12	3.67	.365	58.9	7.78	7.98
MILL CREEK	12/11	Ice						
SOCIETYTURN	12/11	Ice	3:55	-.26	.304	60.5	8.63	8.1
SF-VANCE	12/11	20-25	1:10	-.28	.317	58.	8.52	8.06
SMKEYSTONE	12/11	Ice	1:20	-.28	.047	57.3	8.88	8.22
BILK CREEK	12/11	Ice						
DEEP CREEK	12/11	Ice						
SM AT DEEP C.	12/11	Ice	1:40	-.28	.101	73.1	10.73	8.15
BIG BEAR CR.	12/11	Ice						
FALL CREEK	12/11	Ice	2:05	-.20	.093	56.9	8.36	8.29
LEOPARD C.	12/11	Ice	2:30	.7	.373	58.8	8.4	8.26
SM ABOVE LEOPARD	12/11	50?	2:20	-.27	.032	71.3	10.43	8.29
SPECIE CR.	12/11	Ice						
SM-SPECIE G.	12/11	55-60	2:50	-.28	.413	126.7	18.04	8.29
HF-EOPHIR .26g	12/2	7-8	1:20	1.75	.943	51.5	8.46	7.34
HF-ABOVE CARB.1g	12/2	5-6	12:40	1.64	.784	70.2	9.78	6.65
HF-BELOW C .95g	12/2	6-7	12:50	1.41	.832	73.6	10.3	7.42
CARBONERO	12/2	.5	12:30	.64	1.193	73.	10.44	7.56
WATERFALL	12/2	Ice						
HF-BELOW CARRIBEAU	12/1	9-10	2:45	1.0	.851	66	10	7.33
CARRIB.ADIT	12/1	.5	3:10	5.77	1.053	63.	8	6.98
C.ADIT AT HF	12/1	1.0	3:20	2.45	.906	55.6	7.58	7.42
HF-above Carrib.	12/1	8-9	3:30	.99	.827	66.	10.	7.17
GAMEBIRD adit	12/1	.25	12:20	7.56	1.195	65.	8.	7.75
WFALL INTAKE	12/1	3	11:45	3.57	.496	70.6	9.35	8.17

SAMPLING LOCATION	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH Ysi
LAKE FORK	1/28	3?	11:05	1.0	.328	78.5	11.25	7.63
AMES OUTLET FLOW	1/28	20?	11:10	1.58	.362	81.2	11.36	7.66
HF-BELOW PENSTOCK	1/28	4-5	11:15	2.02	.694	53.8	7.33	7.61
PROSPECT CR ice	1/28	Ice						
TURKEY CR.	1/28	Ice						
SM ABOVE BEAR	1/28	Ice 5?	2:40	3.37	.198	26.8	3.55	7.94
BEAR CREEK	1/28	Ice 2?	2:45	1.36	.253	22.8	3.2	8.05
CORONET CR.	1/28	Ice						
CAMEL GARD.	1/28	Ice						
SM-MAHONEY 1.0g	1/28	5-6?	2:15	4.04	.412	26.7	3.29	7.98
MILL CREEK	1/28	Ice						
SOCIETYTURN	1/28	Ice10?	3:00	3.9	.351	21.1	2.77	7.99
SF-VANCE	1/28	20-25	11:40	1.75	.493	58.3	8.02	7.81
SMKEYSTONE	1/28	Ice	11:50	1.49	.385	56.4	7.87	8.11
BILK CREEK	1/28	Ice						
DEEP CREEK	1/28	Ice	12:07	.56	.267	53.2	7.64	8.01
SM AT DEEP C.	1/28	35-40	12:12	1.48	.397	50.7	7.1	7.95
BIG BEAR CR.	1/28	Ice						
FALL CREEK	1/28	Ice 5-6	12:42	1.37	.391	42.6	6.02	8.15
LEOPARD C.	1/28	Ice 3-4	1:05	1.48	.444	3.14	4.4	8.07
SM ABOVE LEOPARD	1/28	45-50	12:55	-1.1	.406	37.6	5.49	8.14
SPECIE CR.	1/28	<1	1:15	5.53	.679	31.4	3.96	8.0
SM-SPECIE G.	1/28	Ice	1:25	-2.3	.407	28.6	4.19	8.23
HF-EOPHIR .26g	1/23	5-6	12:40	1.08	.041	64.3	9.12	7.38
HF-ABOVE CARB.	1/23	3-4	1:20	.83	.865	53.	7.5	7.4
HF-BELOW C	1/23	4-5	1:45	.97	.894	53.	7.49	7.56
CARBONERO	1/23	Ice	1:10	.79	1.328	48.6	6.9	7.54
WATERFALL	1/15/10	Ice	10:57	-2	.575	96.6	14.2	7.1
HF-BELOW CARRIBEAU	1/15	11-12	2:00	1.05	.935	56	10.6	7.5
CARRIB.ADIT	1/15	1.5-2	2:30	5.7	1.12	55	6.88	7.01
C.ADIT AT HF	1/15	1.5-2	2:45	2.14	.935	53.1	7.3	7.08
HF-above Carrib.	1/15	9-10	3:00	-2.9	.899	49	7.8	7.24
WFALL INTAKE	1/15	5-6	11:35	2.73	.559	82	11.15	7.65
Victor adit	1/23	1.5	12:30	6.51	1.504	39.1	4.63	7.23

Missed Feb 2010, high avalanche danger/big storms.

Missed March and April, cold temps, high avalanche danger/big storms

SAMPLING LOCATION	DATE 5/2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	5/25	40-45	3:15	6.92	.246	77.	9.32	8.07
AMES OUTLET FLOW	5/25	40-45	3:20	8.46	.414	31.1?	3.64	8.06
HF-BELOW PENSTOCK	5/25	27.25	3:40	8.56	.619	74.	8.64	7.74
PROSPECT CR 1.4g	5/26	20-25	5:00	5.19	.136	30.1	3.79	7.62
TURKEY CR.	5/25	8.92	4:10	6.64	.215	98.4	12.1	8.12
SM ABOVE BEAR	5/26	135	4:20	6.11	.176	57.	7.07	7.64
BEAR CREEK	5/26	34.43	4:00	5.29	.171	53.9	6.8	7.93
CORONET CR.	5/26	14.8	1:15	6.18	.173	72.	8.91	8.01
CAMEL GARD.	5/26	.5-1	1:23	5.94	.199	74.	9.12	8.16
SM-MAHONEY 2.2g	5/26	185	12:50	6.54	.210	88.	10.1	7.88
MILL CREEK	5/27	30?	11:15	4.32	.133	36.5	4.24	7.86
SOCIETYTURN	5/25	200/220	5:05	9.52	.223	97.3	11.08	7.99
SF-VANCE	5/25	230/250	4:20	9.8	.407	119.8	13.5	8.02
SMKEYSTONE	5/25	220/250	4:30	10.57	.239	93.	9.57	8.12
BILK CREEK	5/25	29.5	4:50	9.43	.198	56.6	6.56	8.8
DEEP CREEK	5/27	70-75	3:40	8.86	.187	70.7	8.2	8.28
SM AT DEEP C.	5/27	650	3:35	10.17	.229	71.2	8.02	8.39
BIG BEAR CR.	5/27	15.54	3:15	13.22	.348	81.6	8.6	8.56
FALL CREEK	5/27	80/85	2:35	11.21	.267	72.4	8.13	8.32
LEOPARD C.	5/27	26.36	1:50	12.32	.410	68.4	7.3	8.24
SM ABOVE LEOPARD	5/27	730	2:05	9.65	.275	74.8	8.46	8.31
SPECIE CR.	5/27	2.9	1:22	11.37	.465	18?	1.79	8.38
SM-SPECIE G.	5/27	650/900	1:05	8.28	.270	82.2	9.66	8.18
HF-EOPHIR	5/18	12-14	12:10	4.65	.782	63.7	8.36	7.95
HF-ABOVE CARB1.65g.	5/18	8-10	11:40	3.73	.26	74.1	9.15	8.01
HF-BELOW C 1.1g	5/18	9-11	11:45	5.8	.702	55.	7.27	8.01
CARBONERO	5/18	1-1.5	11:30	4.45	1.279	66.	8/12	7.66
WATERFALL	5/21	4-5	11:00	3.85	.409	86.8	11.2	7.82
HF-BELOW CARRIBEAU	5/21	15-17	1:30	9.68	.669	73	8.3	7.78
CARRIB.ADIT	5/21	1.5	1:50	6.69	1.432	57.	6.9	7.32
C.ADIT AT HF	5/21	1.5-2	2:00	8.9	.794	63.7	7.37	7.35
HF-above Carrib.	5/21	8-9	12:40	6.55	.619	89.	7.7	7.69
WFALL INTAKE	5/21	4-5	11:40	3.98	.409	61.	7.52	8.06
Gamebird adit	5/31	.5	12:10	8.57	1.59	64.3	7.4	7.32
Wfall loop xing	5/31	10?	12:17	4.12	.255	67.5	6.6	8.32
Victor adit	5/18	1	12:20	6.59	1.939	45.6	5.56	7.73
SM below Dry Creek N38.13.886W108.36.069	5/1/10	450	3:55	8.1	.309	89.9	10.62	7.86
SM at TNC tab. Preserve N38.21.301W108.42.598	5/1	500	4:30	8.98	.314	89.4	10.33	7.98

SM at Uravan gauge N38.21.438W108.42.776	5/1	750	4:55	9.01	.296	88.	10.13	8.23
SM at Dolores conf. N38.22.791W108.48.181	5/1	780	5:35	8.62	.289	87.1	10.11	8.06
Tabeguache cr. 1 st bridge N38.26.443W108.42.776	5/2	200?	9:45	3.84	.165	76.3	10.03	8.29
Calamity Draw	5/2	1	10:10	7.16	3.039	13	1.67	7.9
Dry Creek-SM conf. N38.13.865W108.36.126	5/2	5?	10:30	6.38	.530	41.9	5.12	8.27
Naturita cr.-hwy. Bridge N38.13.043W108.32.714	5/2	5?	10:45	8.61	1.292	28.3	3.31	7.98
SM at TNC tab. Preserve	5/9	550	3:40	13.18	.320	88.39	8.39	8.28
SM at Uravan gauge	5/8	700	6:20	10.9	.291	85.	9.98	8.23
SM at Dolores conf.	5/9	700	2:00	10.74	.271	81.4	9.17	8.14
Tabeguache cr. 1 st bridge	5/9	200?	10:15	5.97	.130	61.8	7.76	8.33
Calamity Draw N38.15.355W108.36.502	5/9	2?	4:05	15.87	1.684	26.	2.5	8.15
Dry Creek-SM conf.	5/8	5-6	5:55	12.57	.623	40.	5.02	8.04
Naturita cr.-hwy. Bridge	5/8	5?	5:30	13.55	1.366	30.	3.64	8.41
Rock House CG-SM main N38.14.087W108.22.159	5/8	500	11:15	6.66	.253	89.7	11.02	8.41
Pinon Bridge-SM main N38.15.983W108.24.088	5/8	500	3:00	7.87	.246	85.	10.75	8.32
Naturita town park N38.13.298W108.34.298	5/9	550	4:25	12.7	.28	108.	10.45	8.42
Atkinson Creek N38.23.140W108.45.460	5/9	1.5	3:14	19.57	.488	126.1	11.6	8.32
Ferric Oxide	5/18	1.5	12:00	7.06	1.867	52.9	6.41	7.65
Chapman-pass rd.	5/23	1.5	12:20	2.94	.781	60.8	7.7	7.75
Ophir Lake	5/23		12:45	5.82	.294	72.4	8.91	7.95
HF above Swamp	5/23	2	1:05	4.77	.327	66.2	8.9	6.3
HF below Swamp	5/23	5	1:20	4.85	.387	110.8	14.38	6.94
Chapman-Swamp rd.	5/23	1	1:25	3.85	.661	81.9	10.7	7.12

SAMPLING LOCATION	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	6/22	30.92	12:50	9.21	.255	58.7	6.8	8.0
AMES OUTLET FLOW	6/22	40-45	1:00	9.52	.306	55.1	6.3	7.87
HF-BELOW PENSTOCK	6/22	35.2	1:15	8.77	.483	40.7	4.71	7.61
PROSPECT CR	6/25	4.93	2:30	8.35	.163	69.6	8.17	8.06
TURKEY CR.	6/22	3.5-4	1:35	10.37	.203	68.2	7.6	7.93
SM ABOVE BEAR	6/23	68.06	1:30	8.72	.175	74.1	8.25	7.7
BEAR CREEK	6/23	32.5	1:15	6.83	.116	46.2	5.33	8.06
CORONET CR.	6/23	3.54	12:40	8.13	.194	50.5	5.85	7.95
CAMEL GARD.	6/23	.5	2:50	8.44	.22	61.1	7.15	8.06
SM-MAHONEY 1.9g	6/23	97.12	12:20	7.53	.192	67.9	7.99	7.43
MILL CREEK	6/22	15.07	3:20	9.57	.112	49.	5.4	7.9
SOCIETYTURN	6/22	150/180	2:50	11.44	.180	72.4	7.9	7.74
SF-VANCE	6/22	150/180	1:45	12.41	.345	71.9	7.62	7.76
SMKEYSTONE	6/22	200?	2:00	11.05	.188	64.3	7.07	7.92
BILK CREEK	6/22	45.94	2:15	11.07	.125	86.	9.46	7.93
DEEP CREEK	6/24	27.72	12:50	8.51	.183	65.	6.5	7.81
SM AT DEEP C.	6/24	400?	12:30	10.05	.229	78.8	9.04	7.54
BIG BEAR CR.	6/24	19.76	1:10	11.77	.285	73.3	8.13	8.17
FALL CREEK	6/24	33.5	1:35	13.64	.245	77.7	8.04	8.24
LEOPARD C.	6/24	14.28	2:10	16.77	.383	79.5	7.72	8.42
SM ABOVE LEOPARD	6/24	450?	1:50	11.67	.25	105.	11.4	8.07
SPECIE CR.	6/24	1.5-2	2:25	16.52	.488	29.	2.8	8.29
SM-SPECIE G.	6.24	525	2:35	12.61	.253	150.	17.6	8.3
HF-EOPHIR 1.1g	6/3	12-15	1:15	5.53	.542	66.4	8.88	7.38
HF-ABOVE CARB3.5g.	6/3	8	12:45	5.02	.45	50.4	6.24	7.11
HF-BELOW C 1.3g	6/3	9	12:56	5.04	.496	87.5	10.98	7.3
CARBONERO at pass rd	6/3	.5	12:40	6.7	1.324	60	8.05	6.92
CARB ADIT.5g	6/1	.5	12:20	2.87	1.75	53.9	6.3	4.85
WATERFALL at HF	6/25	20.24	1:05	6.19	.237	67.8	8.35	7.79
HF-BELOW CARRIB	6/15	30-35	2:05	9.55	.568	58	6.57	7.45
CARRIB.ADIT	6/15	1.5-2	1:40	6.48	1.192	74	9	7.02
C.ADIT AT HF	6/15	3	1:50	8.88	.765	120	13.8	7.3
HF-above Carrib.	6/15	25-30	1:20	8.44	.547	69.2	8.09	7.64
WFALL INTAKE	6/15	10-12	11:20	4.69	.281	88	10.9	7.89
Gamebird adit	6/12	.25	12:15	7.84	1.589	12.2	1.51	7.65
Wfall loop xing	6/12	10?	12:30	3.37	.272	61	8.14	8.03
Victor adit	6/3	.5	1:22	6.63	1.945	41.5	4.94	7.1
Ferric oxide	6/3	.5	1:32	7.29	1.899	48.4	5.78	7.24
Chapman-pass rd.	6/7	1.5	12:50	4.39	.638	73	9.45	7.33
Ophir Lake	6/7		1:20	5.62	.382	69.9	8.89	7.61
HF above Swamp	6/7	4-5	1:35	5.96	.371	51.4	6.5	6.32
HF below Swamp	6/7	20-25	1:50	5.62	.323	72.6	8.96	6.78
Chapman-Swamp rd.	6/7	2	1:55	5.52	.683	70.7	8.82	6.76

'SAMPLING LOCATION	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	7/19	10.9	2:15	12.33	.318	52.2	5.58	8.13
AMES OUTLET FLOW	7/19	25?	2:30	10.95	.584	43.5	4.83	7.87
HF-BELOW PENSTOCK	7/10	10.21	2:35	11.47	.620	61.	6.73	7.85
PROSPECT CR	7/20	3.58	12:40	11.19	.201	69.4	7.67	8.14
TURKEY CR.	7/10	.25?	1:50	16.11	.359	86.4	8.45	8.28
SM ABOVE BEAR	7/20	17.66	2:20	10.63	.277	71.3	7.95	7.97
BEAR CREEK	7/20	5.86	2:05	7.89	.176	72.6	8.59	8.36
CORONET CR.	7/20	<.5	1:42	12.94	.253	63.7	6.61	8.1
CAMEL GARD.	7/20	.25	1:50	11.4	.309	57.2	6.26	8.2
SM-MAHONEY 1.2g	7/20	28.86	1:30	10.29	.335	72.	8.06	7.56
MILL CREEK	7/20	3.37	1:15	10.23	.149	74.2	8.33	8.2
SOCIETYTURN	7/19	35-40	12:45	15.67	.273	72.3	7.23	7.43
SF-VANCE	7/19	40-45	1:40	16.32	.546	71.4	6.91	7.93
SMKEYSTONE	7/19	45-50	1:30	16.42	.29	51.	4.9	8.04
BILK CREEK	7/19	10.13	1:15	15.17	.183	73.6	7.4	8.03
DEEP CREEK	7/21	11.26	1:15	13.95	.264	74.	7.63	8.26
SM AT DEEP C.	7/21	175?	12:55	14.67	.311	66.7	6.73	8.01
BIG BEAR CR.	7/21	5.26	1:40	16.16	.396	75.9	7.43	8.6
FALL CREEK	7/21	9.23	2:25	15.86	.375	74.	7.24	8.41
LEOPARD C.	7/21	5.49	3:00	19.57	.419	77.6	7.11	8.55
SM ABOVE LEOPARD	7/21	200?	2:40	15.9	.327	92.	9.05	8.44
SPECIE CR.	7/21	<1	3:20	16.79	.530	64.3	6.27	8.24
SM-SPECIE G.	7/21	170/220	3:25	17.65	.335	88.1	8.39	8.59
HF-EOPHIR .75g	7/1	20	12:55	7.26	.662	68.3	8.3	7.52
HF-ABOVE CARB2.9g	7/1	15-17	12:20	6.76	.508	67.1	8.18	7.52
HF-BELOW C .8g	7/1	17-20	12:30	6.84	.63	65.	8.16	7.61
CARBONERO at pass rd	7/1	1.5	12:15	7.02	1.209	64.	7.82	7.27
WATERFALL at HF	7/12	8-10	10:30	4.85	.317	73	9.14	8.06
HF-BELOW CARRIB	7/12	20-25	12:50	10.2	.621	66.8	8.2	7.57
CARRIB.ADIT	7/12	1.5	1:10	6.41	1.188	76.8	8.4	7.1
C.ADIT AT HF	7/12	2?	1:15	8.93	.951	54.3	6.27	7.05
HF-above Carrib.	7/12	18-20	1:25	10.23	.614	70.6	7.69	7.17
WFALL INTAKE	7/22	8	12:15	6.05	.325	60.3	7.6	8.13
Gamebird adit	7/2	.5	11:55	8.56	1.34	58.2	6.81	7.38
Wfall loop xing	7/2	5-6	12:05	7.47	.217	63.4	7.66	8.06
Victor adit	7/1	.25	1:05	6.63	1.645	30.2	3.6	7.2
Ferric oxide	7/1	.5	12:45	7.12	1.572	20.9	2.49	7.52
Chapman-pass rd.	7/7	.5	11:00	4.94	1.127	62.	7.97	7.13
HF above Swamp	7/7	2-3	11:40	7.45	.371	40.	4.5	6.91
HF below Swamp	7/7	5-6	11:47	6.59	.385	49.9	6.03	7.43
Chapman-Swamp rd.	7/7	2-3	11:55	6.03	1.114	68.7	8.39	7.21
Below Beaver CG	7/21	220?	4:00	18.75	.333	107.	10.02	8.62
WF at HF conf.	7/22	8.14	1:00	6.85	.327	71.5	8.8	8.03

'SAMPLING LOCATION August	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	8/17	6.85	12:55	11.95	.304	75.3	8.11	8.23
AMES OUTLET FLOW	8/17	50-60	1:00	12.32	.462	40.6	4.34	8.16
HF-BELOW PENSTOCK	8/17	3.84	1:20	10.4	.567	72.1	8.03	7.94
PROSPECT CR	8/17	3.32	3:05	11.9	.209	71.5	7.73	8.31
TURKEY CR.	8/17	1.52	1:40	13.3	.339	71.7	7.5	8.09
SM ABOVE BEAR	8/16	17.93	3:00	12.44	.298	59.3	6.32	7.87
BEAR CREEK	8/16	7.11	2:45	9.37	.188	74.	7.49	8.04
CORONET CR.	8/16	1.5	2:10	11.66	.223	76.1	7.84	8.04
CAMEL GARD.	8/16	.5	2:20	10.83	.317	104.3	11.55	8.3
SM-MAHONEY	8/16	3.56	2:02	10.49	.309	103.	11.51	7.71
MILL CREEK	8/16	5.5	1:35	10.43	.151	78.3	8.22	8.15
SOCIETYTURN	8/16	40-42	1:15	11.27	.286	73.8	8.08	7.54
SF-VANCE	8/17	70?	1:53	15.93	.438	70.1	6.92	8.15
SMKEYSTONE	8/17	50-60	2:05	16.31	.298	76.5	7.38	8.42
BILK CREEK	8/17	16.45	2:25	13.84	.191	73.4	7.59	8.28
DEEP CREEK	8/18	12.27	12:15	10.23	.252	74.	8.66	8.16
SM AT DEEP C.	8/18	100/120	12:00	11.66	.321	54.4	5.65	7.97
BIG BEAR CR.	8/18	4.47	12:45	12.	.370	78.7	8.5	8.58
FALL CREEK	8/18	11.21	1:15	4.13	.333	74.	7.57	8.45
LEOPARD C.	8/18	5.54	1:5	17.67	.43	62.	5.9	8.52
SM ABOVE LEOPARD	8/18	160	1:35	14.97	.356	76.	7.6	8.5
SPECIE CR.	8/18	<1	2:15	16.25	.48	87.7	8.47	8.25
SM-SPECIE G.	8/18	180	2:22	16.49	.36	74.8	7.48	8.56
HF-EOPHIR .65g	8/3	15-18	11:43	8.03	.694	89.7	10.89	7.57
HF-ABOVE CARB	8/3	6-7	11:15	7.32	.576	49.3	5.87	7.74
HF-BELOW C .8g	8/3	9-10	11:22	7.47	.645	92.2	11.41	7.59
CARBONERO at pass rd	8/3	2	11:05	8.12	1.192	109.4	13.01	7.48
WATERFALL at HF	8/9	10	11:00	6.36	.344	73.7	9.58	7.73
HF-BELOW CARRIB	8/9	23-25	1:30	9.76	.654	74.5	8.45	7.55
CARRIB.ADIT	8/9	2	1:50	6.16	1.169	67	8.2	7.01
C.ADIT AT HF	8/9	2+	2:00	8.0	.924	46	5.18	7.22
HF-above Carrib.	8/9	18-20	2:10	9.72	.627	49	5.5	7.26
WFALL INTAKE	8/19	5-6	11:55	6.38	.383	63.9	7.74	7.92
Gamebird adit	8/4	.5	10:55	7.97	1.354	69.3	8.29	7.32
Wfall loop xing	8/4	5-6	11:10	7.04	.301	72.7	8.79	7.93
Victor adit	8/3	1-2	11:50	6.61	1.663	44.9	5.3	7.29
Ferric oxide	8/3	.75	11:35	7.18	1.587	75.2	9.05	7.35
Chapman-pass rd.	8/1	1.5-2	10:30	6.98	.948	72.5	8.79	7.48
HF above Swamp	8/1	2	11:15	8.0	.384	68.9	8.14	6.04
HF below Swamp	8/1	5	11:25	6.89	.437	46.9	5.55	6.6
Chapman-Swamp rd.	8/1	2	11:30	7.81	.989	96.9	11.44	6.56
Below Beaver CG	8/15	190	2:50	17.5	.362	69.3	6.46	8.46
WF at HF conf.	8/19	3.89	12:45	7.45	.386	70.6	8.47	8.13

'SAMPLING LOCATION August	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	9/8	4.51	1:55	9.66	.319	61.4	5.98	8.2
AMES OUTLET FLOW	9/8	5-6	2:00	12.71	.296	67.3	7.13	8.21
HF-BELOW PENSTOCK	9/8	9.22	2:15	8.67	.697	73.5	8.54	7.96
PROSPECT CR .5g	9/10	1.79	2:00	8.18	.223	73.1	8.61	8.35
TURKEY CR.	9/8	<1	2:35	10.37	.388	114.1	12.98	8.23
SM ABOVE BEAR	9/7	8.52	2:30	9.48	.333	73.5	8.4	7.94
BEAR CREEK	9/7	2.56	2:15	7.57	.218	73.6	8.64	8.32
CORONET CR.	9/7	1.5-2	1:52	10.07	.279	71.	7.8	8.27
CAMEL GARD.	9/7	.25	2:00	8.73	.35	95.5	11.11	8.43
SM-MAHONEY 1.08g	9/7	16.01	1:45	10.43	.366	101.	11.5	7.75
MILL CREEK	9/7	2	1:25	8.64	.173	76.5	8.92	8.25
SOCIETYTURN	9/8	20?	3:55	12.12	.318	68.8	7.31	8.23
SF-VANCE	9/8	35-40	2:45	11.87	.503	70.2	7.54	8.35
SMKEYSTONE	9/8	30-35	2:55	11.58	.338	87.5	9.5	8.35
BILK CREEK	9/8	8.85	3:20	10.55	.231	64.4	7.2	8.38
DEEP CREEK	9/9	10.15	2:15	10.89	.285	61.	6.73	8.23
SM AT DEEP C.	9/9	100	2:00	12.09	.366	60.3	6.48	7.92
BIG BEAR CR.	9/9	2.62	2:40	2.79	.379	60.4	6.38	8.52
FALL CREEK	9/9	10.39	3:10	14.6	.338	52.8	5.34	8.46
LEOPARD C.	9/9	4.69	3:45	15.58	.436	54.7	5.47	8.5
SM ABOVE LEOPARD	9/9	115	3:25	15.58	.465	57.5	5.66	8.36
SPECIE CR.	9/9	.5-.75	4:00	13.86	.493	52.4	5.37	8.32
SM-SPECIE G.	9/9	111/132	4:10	16.05	.391	60.5	5.89	8.52
HF-EOPHIR .34g	9/5	8-9	12:50	8.97	.897	61.3	6.83	7.85
HF-ABOVE CARB	9/5	5-6	12:16	8.33	.716	55.	5.37	7.91
HF-BELOW C .4g	9/5	7-8	12:27	8.42	.793	56.7	6.5	7.77
CARBONERO at pass rd	9/5	2	12:10	9.01	1.269	64.3	7.53	7.39
WATERFALL at HF	9/10	1.63	1:05	6.8	.449	95.5	11.65	8.02
HF-BELOW CARRIB	9/14	15-17	1:05	9.39	.752	93.6	8.4	7.56
CARRIB.ADIT	9/14	1.5	1:30	6.11	1.143	72.9	9.02	7.01
C.ADIT AT HF	9/14	1.5-2	1:40	8.87	1.049	79.1	9.24	6.53
HF-above Carrib.	9/14	12-15	1:55	9.76	.807	74.1	8.38	7.26
WFALL INTAKE	9/11	4-5	11:45	5.78	.428	64.3	8.06	7.88
Gamebird adit	9/4	1	11:15	8.08	1.342	30.5	3.59	7.09
Wfall loop xing	9/4	3	11:30	7.05	.513	66.	8.	7.76
Victor adit	9/5	.5	12:55	6.58	1.669	18.4	2.18	7.63
Ferric oxide	9/5	1.	12:41	7.34	1.587	44.3	5.26	7.67
Chapman-pass rd.	9/2	2	11:40	6.27	1.180	69.7	8.58	7.67
HF above Swamp	9/2	1.5-2	12:15	7.15	.395	67.2	8.05	5.47
HF below Swamp	9/2	5	12:25	7.22	.492	88.1	10.6	6.07
Chapman-Swamp rd.	9/2	2	12:35	7.44	1.178	71.6	8.68	6.69

'SAMPLING LOCATION October	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	10/4	4.08	3:00	8.4	.32	63.	7.46	8.45
AMES OUTLET FLOW	10/4	8-10	3:10	10.33	.490	65.8	7.36	8.34
HF-BELOW PENSTOCK	10/4	12.55	3:30	8.4	.753	90.9	10.72	8.11
PROSPECT CR	10/6	3.6	12:35	7.81	.243	75.4	8.9	8.62
TURKEY CR.	10/4	.75	2:25	7.89	.337	79.8	9.46	8.55
SM ABOVE BEAR	10/6	7.25	2:30	10.73	.321	58.7	6.48	8.15
BEAR CREEK	10/6	3.29	2:10	7.07	.234	75.3	9.1	8.63
CORONET CR.	10/6	.25-.5	1:40	8.69	.269	68.1	7.92	8.24
CAMEL GARD.	10/6	.15	1:45	7.89	.333	89.	10.6	8.47
SM-MAHONEY	10/6	17.72	1:30	8.85	.347	79.9	9.29	8.04
MILL CREEK	10/6	.793	1:05	10.	.185	66.5	7.41	8.49
SOCIETYTURN	10/4	20-25	1:25	11.4	.343	65.5	7.21	7.76
SF-VANCE	10/4	28-30	2:15	11.54	.523	91.	10.45	8.26
SMKEYSTONE	10/4	22-26	2:10	11.8	.349	64.2	6.9	8.52
BILK CREEK	10/4	6.65	1:50	10.1	.268	73.9	8.29	8.68
DEEP CREEK	10/5	6.54	12:28	8.62	.332	66.9	7.64	8.47
SM AT DEEP C.	10/5	65-70	12:12	9.83	.416	74.4	8.42	8.14
BIG BEAR CR.	10/5	1.82	12:58	8.85	.411	64.9	7.48	8.58
FALL CREEK	10/5	6.74	1:40	10.08	.362	75.7	8.5	8.5
LEOPARD C.	10/5	3.31	2:10	11.77	.454	55.6	6.02	8.41
SM ABOVE LEOPARD	10/5	80-81	1:50	11.27	.448	80.3	8.79	8.37
SPECIE CR.	10/5	.25	2:22	11.64	.594	51.2	5.56	8.31
SM-SPECIE G.	10/5	85-90	2:30	12.18	.434	57.4	6.16	8.72
HF-EOPHIR .34g	10/3	5-6	11:48	6.44	.953	65.8	8.06	7.56
HF-ABOVE CARB	10/3	3-4	11:15	5.79	.77	54.4	6.84	7.6
HF-BELOW C .4g	10/3	4-5	11:22	5.89	.842	92.6	11.52	7.65
CARBONERO at pass rd	10/3	.75	11:05	6.55	1.278	82.6	10.4	7.28
WATERFALL at HF	10/7	1.69	1:30	5.88	.475	44.6	5.53	8.21
HF-BELOW CARRIB	10/12	12-15	1:45	7.6	1.301	80.9	9.64	7.83
CARRIB.ADIT	10/12	2	2:05	6.0	1.856	82.4	10.2	7.4
C.ADIT AT HF	10/12	2	2:15	7.8	1.421	84.2	9.91	7.51
HF-above Carrib.	10/12	12-15	1:45	7.6	1.301	83.2	9.92	7.56
WFALL INTAKE	10/7	2-3	12:50	5.37	.461	71.1	8.92	8.07
Gamebird adit	10/1	.5	10:22	7.66	1.329	70.7	8.24	6.72
Wfall loop xing	10/1	.25	10:32	5.85	.666	70.7	8.68	7.14
Victor adit	10/3	.5	11:55	6.58	1.662	16.7	2.04	7.36
Ferric oxide	10/3	.25	11:40	7.33	1.582	38.1	4.54	7.49
Chapman-pass rd.	10/2	.75	10:25	4.11	1.218	74.6	9.57	7.2
HF above Swamp	10/2	.75	11:00	4.89	.413	91.1	11.66	7.06
HF below Swamp	10/2	1.5-2	11:15	4.77	.554	96.7	12.4	6.87
Chapman-Swamp rd.	10/2	.5	11:20	5.29	1.212	116.	14.86	6.95

'SAMPLING LOCATION November	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	11/8	2-3	1:00	3.33	.464	60.2	8.02	7.83
AMES OUTLET FLOW	11/8	10-12	1:08	4.19	.716	64.3	8.36	7.34
HF-BELOW PENSTOCK	11/8	3-4	1:12	3.53	1.153	67.	8.8	7.25
PROSPECT CR .47g	11/8	3-4	4:15	3.17	.413	92	12.34	7.93
TURKEY CR.	11/8	.75	1:28	2.01	.447	62.5	8.63	7.44
SM ABOVE BEAR	11/8	3-4	2:50	5.91	.538	60.9	7.53	7.86
BEAR CREEK	11/8	2-3	2:45	4.42	.369	65.	8.54	7.93
CORONET CR.	11/8	.75	2:25	4.05	.417	61.9	8.09	7.87
CAMEL GARD.	11/8	.25	2:30	2.23	.468	45.5	6.28	7.83
SM-MAHONEY1.08g	11/8	12-14	2:15	8.04	.776	73.5	8.24	7.64
MILL CREEK	11/8	1-2	2:10	3.93	.277	36.	4.73	7.95
SOCIETYTURN	11/8	16-18	4:00	6.9	.532	93.7	11.39	8.01
SF-VANCE	11/8	25-30	1:40	5.78	.765	70.	8.73	7.47
SMKEYSTONE	11/8	25-30	1:46	5.85	.554	59.1	7.22	7.61
BILK CREEK	11/8	2-3	1:55	3.42	.360	42.8	5.59	7.9
DEEP CREEK	11/12	6-8	1:05	-3	.445	144.	21.22	7.94
SM AT DEEP C.	11/12	65?	1:00	-31	.578	78.3	11.36	7.9
BIG BEAR CR.	11/12	4-5	1:12	-33	.682	105	15.46	7.87
FALL CREEK	11/12	8-10	1:28	.12	.607	90.3	13.13	8.06
LEOPARD C.	11/12	5-6	1:50	2.72	.712	98.8	13.37	8.02
SM ABOVE LEOPARD	11/12	80-85	1:40	1.46	.713	97.9	13.76	8.02
SPECIE CR.	11/12	.75	1:55	3.62	.905	89.4	11.85	7.78
SM-SPECIE G.	11/12	85-90	2:05	.44	.667	87.9	12.57	8.15
HF-EOPHIR .34g	11/9	8-9	12:00	1.67	1.483	46.4	5.53	7.4
HF-ABOVE CARB	11/9	5	11:30	1.58	1.22	53.3	7.46	7.47
HF-BELOW C	11/9	6-7	11:40	1.3	1.315	60.7	7.47	7.4
CARBONERO at pass rd	11/9	1.5	11:20	-33	1.949	39.2	5.79	7.09
WATERFALL at HF	11/11	Ice	12:55	1.11	.747	97.4	13.6	8.06
HF-BELOW CARRIB	11/10	12-14	1:00	1.55	.1357	47.7	6.4	7.6
CARRIB.ADIT	11/10	1.5-2	1:30	5.8	1.765	50.6	6.9	7.25
C.ADIT AT HF	11/10	1.5-2	1:35	2.16	1.394	54.6	7.48	7.44
HF-above Carrib.	11/10	10-12	1:50	.81	1.323	50.7	7.22	7.31
WFALL INTAKE	11/10	6-7	10:55	3.71	.736	70.	9.22	7.63
Gamebird adit	11/11	.25	12:05	7.33	1.936	70.3	8.4	7.04
Wfall loop xing	11/11	.1	12:17	4.23	1.021	98.1	12.73	7.46
Victor adit	11/9	.5	12:08	6.48	2.479	46.4	5.53	7.4
Ferric oxide	11/9	.75	11:50	6.17	2.365	56.9	7.91	7.4
Chapman-pass rd.	11/8	1	11:20	2.5	1.691	82.2	11.15	7.37
HF above Swamp	11/8	.5	11:55	1.54	.637	75.3	10.3	7.34
HF below Swamp	11/8	2	12:02	2.17	.885	81.2	10.8	6.67
Chapman-Swamp rd.	11/8	1	12:08	3.34	1.736	81.2	10.8	6.86

Lower Beaver –SM	11/13	1:50	85-90	1.37	.643	79.	11.06	8.39
SM at TNC tab. Preserve N38.21.301W108.42.598	11/13	3:25	90	4.55	1.312	70.68	9.15	8.08
SM at Uravan gauge N38.21.438W108.42.776	11/13	3:40	90-95	4.73	1.316	88.2	11.34	8.06
SM at Dolores conf. N38.22.791W108.48.181	11/13	4:10	95	3.75	1.316	79.6	10.49	8.16
Tabeguache cr. 1 st bridge N38.26.443W108.42.776	11/13	3:45	8-10	3.55	1.031	79.4	10.49	8.07
Dry Creek-SM conf. N38.13.865W108.36.126	11/13	3:00	5-6	5.05	1.178	81.6	10.41	8.2
Naturita cr.-hwy. Bridge N38.13.043W108.32.714	11/13	2:30	6-8	3.12	2.794	69.2	9.29	7.88
Calamity Draw N38.15.355W108.36.502	11/13	4:50	2-3	4.09	4.62	85.	10.93	7.94
Naturita town park N38.13.298W108.34.298	11/13	2:50	90-95	2.87	1.106	83.7	11.25	8.43
Atkinson Creek N38.23.140W108.45.460	11/13	dry						

'SAMPLING LOCATION December	DATE 2010	FLOW	TIME	TEMP	COND	DO%	DO	PH
LAKE FORK	12/2	Ice 6-8	1:30	.63	.478	76.6	10.96	8.41
AMES OUTLET FLOW	12/2	15-20	1:40	2.09	.526	75.6	10.41	8.31
HF-BELOW PENSTOCK	12/2	6-8	1:45	2.04	1.218	55.	7.57	8.3
PROSPECT CR	12/3	Ice	1:55	.65	.540	60.7	9.98	8.07
TURKEY CR.	12/2	Frozen	-	-	-	-	-	-
SM ABOVE BEAR	12/2	Ice-5?	3:32	4.5	.578	39.2	5.07	8.07
BEAR CREEK	12/2	Ice	3:25	2.36	.375	43.	5.87	8.16
CORONET CR.	12/2	Frozen	-	-	-	-	-	-
CAMEL GARD.	12/2	Frozen	-	-	-	-	-	-
SM-MAHONEY 1.0g	12/2	10-12	3:08	5.66	.701	42.3	5.3	7.9
MILL CREEK	12/2	Frozen	-	-	-	-	-	-
SOCIETYTURN	12/2	15-20	2:53	5.61	.535	45.9	5.66	8.06
SF-VANCE	12/2	30-35	2:15	3.52	.726	53.5	7.09	8.04
SMKEYSTONE	12/2	25-30	2:25	2.55	.575	55.1	7.46	8.0
BILK CREEK	12/2	Ice	2:35	-.16	.394	50.8	7.38	8.21
DEEP CREEK	12/3	Ice	2:20	1.0	.44	57.5	8.19	8.22
SM AT DEEP C.	12/3	60-65	2:15	2.58	.615	66.2	9.05	8.17
BIG BEAR CR.	12/3	Ice	2:30	.82	.44	68.3	9.15	8.15
FALL CREEK	12/3	Ice	2:45	.29	.561	50.5	7.32	8.17
LEOPARD C.	12/3	6-7	3:05	3.59	.670	50.4	6.65	8.11
SM ABOVE LEOPARD	12/3	75-80	2:55	.3	.704	48.6	7.04	8.14
SPECIE CR.	12/3	.5	3:15	4.96	.910	49.6	6.3	7.95
SM-SPECIE G.	12/3	84	3:55	-.27	.646	68.9	10.11	8.35
HF-EOPHIR	12/1	7-8	1:20	.63	1.527	56.5	8.02	8.44
HF-ABOVE CARB	12/1	5-6	12:36	.67	1.283	68.1	9.72	8.28
HF-BELOW C	12/1	6-7	12:50	.59	1.345	67.4	9.93	8.19
CARBONERO at pass rd	12/1	1.5	12:30	.44	2.034	70	10.03	8.6
WATERFALL at HF	12/3	Ice	12:50	2.05	.805	88.8	12.34	7.75
HF-BELOW CARRIB	12/7	12-15	2:00	1.4	.874	69	10	7.82
CARRIB.ADIT	12/7	1-1.5	2:25	5.78	1.099	67	8.3	7.28
C.ADIT AT HF	12/7	1.5	2:40	2.04	.907	52.9	7.29	7.31
HF-above Carrib.	12/7	5-6	2:50	1.45	.856	72	10	7.38
WFALL INTAKE	12/7	8-10	11:50	3.42	.489	62	8.15	8.17
Gamebird adit	12/3	.75	Noon	7.56	1.968	70.4	8.4	7.42
Wfall loop xing	12/3	.5	12:15	4.13	1.201	92.3	12.03	7.68
Victor adit	12/1	1	1:28	6.48	2.423	45.6	5.32	7.94
Ferric oxide	12/1	.75	1:10	6.33	1.25	63.	7.75	8.3
Chapman-pass rd.	12/4	1	12:20	2.58	1.78	60.6	8.18	8.4
HF above Swamp	12/4	1-2	1:00	.79	.643	87.4	12.48	8.16
HF below Swamp	12/4	3-4	1:15	1.81	.946	75.9	10.52	7.55
Chapman-Swamp rd.	12/4	1.5-2	1:20	3.13	1.809	61.	8.16	7.5