

## APPENDIX E –NUTRIENT WATER QUALITY DATA

Organization	Waterbody Segment	Station ID	Date	Flow (cfs)	Total Nitrogen (mg/L)	NO <sub>3</sub> +NO <sub>2</sub> (mg/L)	Total Phosphorous (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>2</sup> )	AFDW (g/m <sup>2</sup> )
MDEQ_WQ_WQX	Bison Creek 3/4 mile upstream from mouth (Bison Creek)	M07BISNC01	7/19/2010 14:39	1.86	0.39	ND	0.029	-	-
MTWTRSHD_WQX	Bison Creek upstream of 4th of July	M07TMDL_BE-16	8/18/2009 13:30	1.87	0.18	ND	0.012	-	-
MDEQ_WQ_WQX	Bison Creek near headwaters	M07BISNC09	7/19/2010 13:26	E 0	2.7	ND	0.237	-	-
MDEQ_WQ_WQX	Bison Creek near headwaters	M07BISNC09	8/19/2010 16:58	E 0	1.75	ND	0.171	-	-
MDEQ_WQ_WQX	Bison Creek near headwaters	M07BISNC09	9/30/2010 13:43	EE 0	1.47	0.01	0.138	-	-
MTWTRSHD_WQX	Bison Creek at Sawmill Gulch Road below subdivision	M07TMDL_BE-18	8/18/2009 12:00	3.67	0.31	ND	0.04	-	-
MTWTRSHD_WQX	Bison Creek at Sawmill Gulch Road below subdivision	M07TMDL_BE-18	9/1/2009 13:00	-	-	-	-	101.0	-
MDEQ_WQ_WQX	Bison Creek just downstream Sawmill Gulch Road crossing	M07BISNC08	7/19/2010 12:24	5.7	0.48	ND	0.042	-	-
MDEQ_WQ_WQX	Bison Creek just downstream Sawmill Gulch Road crossing	M07BISNC08	8/19/2010 14:45	1.38	0.43	ND	0.042	-	-
MDEQ_WQ_WQX	Bison Creek just downstream Sawmill Gulch Road crossing	M07BISNC08	9/30/2010 12:23	1.81	0.33	ND	0.038	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Nez Perce Creek	M07BISNC07	7/19/2010 11:05	-	0.41	ND	0.025	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Nez Perce Creek	M07BISNC07	8/19/2010 10:45	8.27	0.35	ND	0.031	4.4	22.87
MDEQ_WQ_WQX	Bison Creek downstream of Nez Perce Creek	M07BISNC07	9/30/2010 10:38	6.38	0.14	ND	0.02	5.95	14.95
MTWTRSHD_WQX	Bison Creek at bridge off Elkhorn Road, N end of Elk Park reach	M07TMDL_BE-17	8/18/2009 10:45	12.91	0.21	ND	0.022	-	-
MTWTRSHD_WQX	Bison Creek at bridge off Elkhorn Road, N end of Elk Park reach	M07TMDL_BE-17	9/1/2009 16:40	-	-	-	-	6.8	-
MDEQ_WQ_WQX	Bison Creek upstream of Ice Pond	M07BISNC06	7/19/2010 10:23	2.42	0.42	ND	0.024	-	-
MDEQ_WQ_WQX	Bison Creek upstream of Ice Pond	M07BISNC06	8/18/2010 15:07	1.24	0.36	ND	0.034	10.4	-
MDEQ_WQ_WQX	Bison Creek upstream of Ice Pond	M07BISNC06	9/29/2010 15:02	0.52	0.2	ND	0.03	-	-
MDEQ_WQ_WQX	Bison Creek below USFS boundary	M07BISNC05	7/18/2010 15:54	21.66	0.43	ND	0.027	-	-
MDEQ_WQ_WQX	Bison Creek below USFS boundary	M07BISNC05	8/18/2010 11:25	12.32	0.36	ND	0.031	11.15	19.78
MDEQ_WQ_WQX	Bison Creek below USFS boundary	M07BISNC05	9/29/2010 12:25	10.25	0.22	ND	0.023	13.53	41.1
MDEQ_WQ_WQX	Bison Creek downstream of Busch Gulch	M07BISNC04	9/29/2010 10:25	12.0	0.19	ND	0.023	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Busch Gulch	M07BISNC04	7/18/2010 15:05	20.8	0.37	ND	0.025	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Busch Gulch	M07BISNC04	8/17/2010 14:45	14.98	0.35	ND	0.029	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Bear Gulch	M07BISNC03	7/18/2010 13:34	33	0.36	ND	0.028	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Bear Gulch	M07BISNC03	8/17/2010 13:06	18.9	0.32	0.01	0.03	-	-
MDEQ_WQ_WQX	Bison Creek downstream of Bear Gulch	M07BISNC03	9/28/2010 11:55	15.49	0.17	ND	0.023	-	-
MTWTRSHD_WQX	Bison Creek at mouth	M07TMDL_BE-15	8/18/2009 9:00	28.62	0.21	ND	0.026	-	-
MTWTRSHD_WQX	Bison Creek at mouth	M07TMDL_BE-15	9/1/2009 9:15	-	-	-	-	7.25	-
MDEQ_WQ_WQX	Bison Creek about 1/2 mile upstream from mouth	M07BISNC02	8/17/2010 9:48	19.58	0.3	ND	0.03	9.4	16.87
MDEQ_WQ_WQX	Bison Creek about 1/2 mile upstream from mouth	M07BISNC02	9/25/2010 10:12	13.33	0.2	ND	0.025	17.65	13.61
MDEQ_WQ_WQX	Uncle Sam Gulch near headwaters, at mine	M07UCLSG01	7/12/2010 16:07	0.03	0.09	ND	0.007	-	-
MDEQ_WQ_WQX	Uncle Sam Gulch near headwaters, at mine	M07UCLSG01	8/16/2010 11:39	0.03	0.18	0.04	0.01	10.9	-
MDEQ_WQ_WQX	Uncle Sam Gulch at mouth (Cataract Creek)	M07UCLSG03	7/12/2010 10:31	2.93	0.16	ND	0.008	1.34	4.74
MDEQ_WQ_WQX	Uncle Sam Gulch at mouth (Cataract Creek)	M07UCLSG03	8/9/2010 10:23	1.72	0.09	ND	0.01	-	-
MDEQ_WQ_WQX	Uncle Sam Gulch at mouth (Cataract Creek)	M07UCLSG03	8/12/2011 14:49	-	ND	0.034	0.004	5.78	7.49

Organization	Waterbody Segment	Station ID	Date	Flow (cfs)	Total Nitrogen (mg/L)	NO <sub>3</sub> +NO <sub>2</sub> (mg/L)	Total Phosphorous (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>2</sup> )	AFDW (g/m <sup>2</sup> )
MDEQ_WQ_WQX	Uncle Sam Gulch at mouth (Cataract Creek)	M07UCLSG03	9/26/2010 10:35	1.28	0.05	ND	0.007	-	-
MDEQ_WQ_WQX	Uncle Sam Gulch at mouth (Cataract Creek)	M07UCLSG03	9/12/2011 12:58	-	ND	0.027	0.004	2.43	9.97
MDEQ_WQ_WQX	Uncle Sam Gulch 1 mile upstream from mouth	M07UCLSG04	7/12/2010 14:21	2.5	0.15	ND	0.009	-	-
MDEQ_WQ_WQX	Uncle Sam Gulch 1 mile upstream from mouth	M07UCLSG04	8/9/2010 11:35	1.28	0.11	ND	0.01	3.76	122.30
MDEQ_WQ_WQX	Uncle Sam Gulch 1 mile upstream from mouth	M07UCLSG04	9/26/2010 12:04	1.3	0.05	ND	0.01	-	-
MTWTRSHD_WQX	Uncle Sam Gulch below St. Lawrence/Crystal complex	M07TMDL_BE-75	8/21/2009 10:50	0.1	0.05	0.06	0.007	-	-
MTWTRSHD_WQX	Uncle Sam Gulch above St. Lawrence/Crystal complex	M07TMDL_BE-74	8/21/2009 9:30	0.065	0.12	ND	0.011	-	-
MTWTRSHD_WQX	Nursery Creek headwaters	M07TMDL_BE-70	8/19/2009 14:50	0.127	0.24	0.24	0.017	-	-
MDEQ_WQ_WQX	Nursery Creek	M07NRSRC02	7/6/2010 15:07	0.14	0.38	0.31	0.016	-	-
MDEQ_WQ_WQX	Nursery Creek	M07NRSRC02	8/7/2010 10:10	0.23	0.35	0.31	0.013	13.14	2.42
MDEQ_WQ_WQX	Nursery Creek	M07NRSRC02	9/10/2010 9:26	0.18	0.32	0.3	0.009	-	-
MDEQ_WQ_WQX	Nursery Creek	M07NRSRC02	8/12/2011 11:16	-	0.25	0.4	0.028	-	-
MDEQ_WQ_WQX	Nursery Creek	M07NRSRC02	9/12/2011 10:31	-	0.286	0.326	0.02	-	-
MDEQ_WQ_WQX	Nursery Creek near the mouth upstream of USFS road	M07NRSRC01	7/6/2010 10:29	0.8	0.41	0.2	0.037	5.55	4
MDEQ_WQ_WQX	Nursery Creek near the mouth upstream of USFS road	M07NRSRC01	8/6/2010 16:24	0.91	0.34	0.21	0.045	-	-
MDEQ_WQ_WQX	Nursery Creek near the mouth upstream of USFS road	M07NRSRC01	9/11/2010 9:50	0.71	0.36	0.26	0.028	7.5	-
MDEQ_WQ_WQX	Nursery Creek near the mouth upstream of USFS road	M07NRSRC01	8/12/2010 11 10:17	-	0.214	0.296	0.056	-	-
MDEQ_WQ_WQX	Nursery Creek near the mouth upstream of USFS road	M07NRSRC01	9/12/2011 9:36	-	0.235	0.448	0.035	-	-
MTWTRSHD_WQX	Nursery Creek at mouth	M07TMDL_BE-76	8/19/2009 14:05	0.301	0.35	0.28	0.031	-	-
MDEQ_WQ_WQX	McCarty Creek downstream of fork near headwaters	M07MCRTC07	7/7/10 14:02	0.08	0.24	ND	0.035	-	-
MDEQ_WQ_WQX	McCarty Creek downstream of fork near headwaters	M07MCRTC07	8/8/10 14:34	0.04	0.22	ND	0.045	3.09	40.58
MDEQ_WQ_WQX	McCarty Creek downstream of fork near headwaters	M07MCRTC07	9/10/10 12:40	0.13	0.22	0.01	0.042	-	-
MDEQ_WQ_WQX	McCarty Creek above USFS boundary	M07MCRTC06	7/7/10 12:43	0.11	0.23	0.01	0.039	-	-
MDEQ_WQ_WQX	McCarty Creek above USFS boundary	M07MCRTC06	8/8/10 12:46	0.06	0.18	0.01	0.046	-	-
MDEQ_WQ_WQX	McCarty Creek above USFS boundary	M07MCRTC06	9/10/10 11:22	0.13	0.23	0.01	0.038	-	-
MTWTRSHD_WQX	McCarty Creek above reservoir	M07TMDL_BE-67	8/24/09 10:30	0.035	0.15	0.01	0.065	-	-
MDEQ_WQ_WQX	McCarty Creek just upstream from second storage reservoir	M07MCRTC05	7/7/10 11:36	0.08	0.26	ND	0.053	-	-
MDEQ_WQ_WQX	McCarty Creek just upstream from second storage reservoir	M07MCRTC05	8/7/10 16:31	0.01	0.14	ND	0.07	-	-
MDEQ_WQ_WQX	McCarty Creek just upstream from second storage reservoir	M07MCRTC05	9/11/10 15:15	0.11	0.18	ND	0.047	-	-
MDEQ_WQ_WQX	McCarty Creek between two storage reservoirs	M07MCRTC04	7/7/10 10:41	0.23	0.18	0.04	0.077	-	-
MDEQ_WQ_WQX	McCarty Creek between two storage reservoirs	M07MCRTC04	8/8/10 9:54	0.09	0.38	0.19	0.092	5.36	3.76
MDEQ_WQ_WQX	McCarty Creek between two storage reservoirs	M07MCRTC04	9/11/10 14:38	0.05	0.49	0.22	0.082	-	-
MTWTRSHD_WQX	McCarty Creek above diversion/lower dam	M07TMDL_BE-66	8/24/09 12:30	0.0256	0.65	0.4	0.114	-	-
MDEQ_WQ_WQX	McCarty Creek about 1/2 mile upstream Upper Valley Road crossing	M07MCRTC03	7/7/10 10:08	0.04	0.17	ND	0.097	-	-
MDEQ_WQ_WQX	McCarty Creek about 1/2 mile upstream Upper Valley Road crossing	M07MCRTC03	8/7/10 13:40	0.02	0.15	ND	0.131	4.8	-
MDEQ_WQ_WQX	McCarty Creek about 1/2 mile upstream Upper Valley Road crossing	M07MCRTC03	9/9/10 15:16	0.000	0.14	ND	0.309	-	-