

## APPENDIX K –NUTRIENT WATER QUALITY DATA

OrgID	StationNam	StationID	ActvtyDate	Flow_cfs	TPN_N	NO <sub>2</sub> NO <sub>3</sub> _as N	TotalP_as P	Chlorophyl-a	AFDW
MDEQ_WQ_WQX	Rock Creek East Fork at wilderness boundary	C02ROCEF01	7/13/2009 17:30	-	0.081	0.008	0.005	-	-
MDEQ_WQ_WQX	Rock Creek East Fork just below East Fork Reservoir	C02ROCEF05	7/28/2010 12:30	114.7(E)	-0.05	-0.01	0.006	10.2	18.33
MDEQ_WQ_WQX	Rock Creek East Fork just below East Fork Reservoir	C02ROCEF05	8/30/2010 17:24	77.6	-0.05	-0.01	0.005	-	-
MDEQ_WQ_WQX	Rock Creek East Fork just below East Fork Reservoir	C02ROCEF05	9/28/2010 17:17	4 (E)	-0.05	-0.01	0.007	-	-
MDEQ_WQ_WQX	Rock Creek East Fork Upper 1/4 mi d/s East Fork Reservoir	C02ROCEF20	7/26/2004 14:15	-	-	-0.01	0.027	-	-
MDEQ_WQ_WQX	Rock Creek East Fork Upper 1/4 mi d/s East Fork Reservoir	C02ROCEF20	7/26/2004 14:15	-	-	-0.01	0.031	-	-
MDEQ_WQ_WQX	Rock Creek East Fork upstream of Meadow Creek confluence	C02ROCEF04	7/27/2010 16:30	25.78	0.06	-0.01	0.009	17.6	125.5
MDEQ_WQ_WQX	Rock Creek East Fork upstream of Meadow Creek confluence	C02ROCEF04	8/30/2010 15:50	14.2	0.09	-0.01	0.007	-	-
MDEQ_WQ_WQX	Rock Creek East Fork upstream of Meadow Creek confluence	C02ROCEF04	9/28/2010 14:45	11.56	-0.05	-0.01	0.007	-	-
MDEQ_WQ_WQX	Rock Creek East Fork	C02ROCEF03	7/27/2010 11:00	41.51	-0.05	-0.01	0.008	15.7	72.59
MDEQ_WQ_WQX	Rock Creek East Fork	C02ROCEF03	8/30/2010 14:24	28.41	0.09	-0.01	0.007	-	-
MDEQ_WQ_WQX	Rock Creek East Fork	C02ROCEF03	9/28/2010 13:25	13.61	-0.05	-0.01	0.008	-	-
MDEQ_WQ_WQX	Rock Creek East Fork Lower abv bridge on Middle Fork Road	C02ROCEF10	7/27/2004 15:45	14.98	-	0.040	0.024	-	-
MDEQ_WQ_WQX	Rock Creek East Fork Lower abv bridge on Middle Fork Road	C02ROCEF10	7/12/2007 16:30	-	0.01	0.013	0.015	-	-
MDEQ_WQ_WQX	Rock Creek East Fork Lower abv bridge on Middle Fork Road	C02ROCEF10	7/26/2010 16:00	38.12	0.08	-0.01	0.012	15.1	70.42
MDEQ_WQ_WQX	Rock Creek East Fork Lower abv bridge on Middle Fork Road	C02ROCEF10	8/30/2010 12:15	34.62	0.06	0.01	0.015	-	-
MDEQ_WQ_WQX	Rock Creek East Fork Lower abv bridge on Middle Fork Road	C02ROCEF10	9/28/2010 11:55	30.38	0.11	-0.01	0.021	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork near headwaters	C02ANTSF03	7/15/2010 17:48	0.16	0.67	0.54	0.01	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork near headwaters	C02ANTSF03	8/27/2010 9:50	0.16	0.58	0.49	0.016	30.27	6.88
MDEQ_WQ_WQX	Antelope Creek South Fork near headwaters	C02ANTSF03	9/24/2010 13:56	0.09	0.79	0.49	0.063	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork near headwaters	C02ANTSF03	8/1/2011 15:30	0.39	0.87	0.62	0.03	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork near headwaters	C02ANTSF03	9/1/2011 10:42	0.3	1.48	0.6	0.056	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork	C02ANTSF02	7/15/2010 14:30	0.27	0.56	0.46	0.013	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork	C02ANTSF02	8/26/2010 15:05	0.36	0.54	0.48	0.013	17.57	4.4
MDEQ_WQ_WQX	Antelope Creek South Fork	C02ANTSF02	9/24/2010 11:29	0.29	0.54	0.54	0.016	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork	C02ANTSF02	8/1/2011 12:30	0.97	0.62	0.55	0.007	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork	C02ANTSF02	8/31/2011 12:45	0.67	1.08	0.56	0.013	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork 100 yards upstream from mouth	C02ANTSF10	7/27/2004 12:40	0.3 (E)	-	0.24	0.035	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork 100 yards upstream from mouth	C02ANTSF10	7/15/2010 11:20	0.63	0.43	0.36	0.01	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork 100 yards upstream from mouth	C02ANTSF10	8/26/2010 12:00	0.42	0.38	0.36	0.015	7	-
MDEQ_WQ_WQX	Antelope Creek South Fork 100 yards upstream from mouth	C02ANTSF10	9/24/2010 9:47	0.26	0.47	0.43	0.011	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork 100 yards upstream from mouth	C02ANTSF10	8/1/2011 11:40	1.55*	0.42	0.39	-0.005	-	-
MDEQ_WQ_WQX	Antelope Creek South Fork 100 yards upstream from mouth	C02ANTSF10	8/31/2011 10:30	0.42	0.45	0.42	0.012	-	-
MDEQ_WQ_WQX	Sluice Gulch	C02SLUCG03	7/14/2010 17:23	1.41	0.67	0.41	0.014	-	-
MDEQ_WQ_WQX	Sluice Gulch	C02SLUCG03	8/24/2010 15:40	1.64	0.55	0.5	0.019	-	-
MDEQ_WQ_WQX	Sluice Gulch	C02SLUCG04	8/25/2010 0:00	-	-	-	-	24.4	8.43
MDEQ_WQ_WQX	Sluice Gulch	C02SLUCG03	9/23/2010 16:26	1.43	0.52	0.49	0.013	-	-
MDEQ_WQ_WQX	Sluice Gulch	C02SLUCG03	8/2/2011 15:18	1.44	0.42	0.36	0.01	-	-
MDEQ_WQ_WQX	Sluice Gulch	C02SLUCG03	9/1/2011 15:18	1.56	0.56	0.49	0.014	-	-
MDEQ_WQ_WQX	Sluice Gulch about 1/4 mile upstream from Silver King Mine	C02SLUCG02	7/14/2010 15:50	1.26	0.41	0.25	0.015	-	-
MDEQ_WQ_WQX	Sluice Gulch about 1/4 mile upstream from Silver King Mine	C02SLUCG02	8/24/2010 10:00	1.33	0.41	0.45	0.014	34.22	12.69
MDEQ_WQ_WQX	Sluice Gulch about 1/4 mile upstream from Silver King Mine	C02SLUCG02	9/23/2010 14:05	1.42	0.41	0.37	0.011	-	-

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MDEQ_WQ_WQX	Sluice Gulch about 1/4 mile upstream from Silver King Mine	C02SLUCG02	8/2/2011 13:11	1.06	0.33	0.28	0.01	-	-
MDEQ_WQ_WQX	Sluice Gulch about 1/4 mile upstream from Silver King Mine	C02SLUCG02	9/1/2011 14:35	1.31	0.5	0.43	0.018	-	-
MDEQ_WQ_WQX	Sluice Gulch Lower 1/4 mile upstream from mouth	C02SLUCG10	7/28/2004 10:00	1.2 (E)	-	0.06	0.011	-	-
MDEQ_WQ_WQX	Sluice Gulch near mouth (Rock Creek)	C02SLUCG01	7/14/2010 14:12	1.12	0.27	0.09	0.012	-	-
MDEQ_WQ_WQX	Sluice Gulch near mouth (Rock Creek)	C02SLUCG01	8/23/2010 14:20	1.18	0.33	0.29	0.019	20.7	-
MDEQ_WQ_WQX	Sluice Gulch near mouth (Rock Creek)	C02SLUCG01	9/23/2010 11:53	0.9	0.45	0.31	0.013	-	-
MDEQ_WQ_WQX	Sluice Gulch near mouth (Rock Creek)	C02SLUCG01	8/2/2011 10:54	1.23	0.34	0.24	0.01	-	-
MDEQ_WQ_WQX	Sluice Gulch near mouth (Rock Creek)	C02SLUCG01	9/1/2011 13:46	1.42	0.46	0.38	0.017	-	-
MDEQ_WQ_WQX	Scotchman Gulch near headwaters	C02SCTMG01	8/5/2009 12:00	0.22	0.228	0.01	0.036	7.15	-
MDEQ_WQ_WQX	Scotchman Gulch near headwaters	C02SCTMG01	9/15/2009 10:15	0.11	0.104	0.014	0.031	2.29	-
MDEQ_WQ_WQX	Scotchman Gulch near headwaters	C02SCTMG01	7/7/2010 13:35	0.53	0.188	0.006	0.028	-	-
MDEQ_WQ_WQX	Scotchman Gulch near headwaters	C02SCTMG01	8/5/2010 12:17	0.19	0.2	-0.01	0.032	-	-
MDEQ_WQ_WQX	Scotchman Gulch near headwaters	C02SCTMG01	9/10/2010 11:43	0.58	0.38	0.006	0.046	-	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	8/1/2004	0.2 (E)	-	0.015	0.063	-	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	8/4/2009 17:00	0.21	0.315	0.025	0.061	6	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	9/14/2009 11:16	0.16	0.152	0.011	0.047	5.82	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	7/7/2010 10:20	0.65	0.223	0.014	0.036	-	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	8/5/2010 10:24	0.24	0.23	0.009	0.039	-	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	9/10/2010 10:02	0.79	0.412	0.027	0.064	-	-
MDEQ_WQ_WQX	Scotchman Gulch Upper 50 yards upstream from road crossing	C02SCTMG10	8/16/2011 9:46	0.12	0.246	-	0.046	14.29	13.82
MDEQ_WQ_WQX	Scotchman Gulch about 1 mile downstream of National Forest Boundary	C02SCTMG02	8/5/2009 17:20	0.29	0.285	0.009	0.064	3.28	-
MDEQ_WQ_WQX	Scotchman Gulch about 1 mile downstream of National Forest Boundary	C02SCTMG02	9/13/2009 11:15	0.2	0.156	0.016	0.047	3.79	-
MDEQ_WQ_WQX	Scotchman Gulch about 1 mile downstream of National Forest Boundary	C02SCTMG02	7/7/2010 8:19	0.68	0.222	0.01	0.045	-	-
MDEQ_WQ_WQX	Scotchman Gulch about 1 mile downstream of National Forest Boundary	C02SCTMG02	8/5/2010 9:24	0.26	0.248	0.005	0.048	-	-
MDEQ_WQ_WQX	Scotchman Gulch about 1 mile downstream of National Forest Boundary	C02SCTMG02	9/10/2010 8:39	1.02	0.431	0.009	0.074	-	-
MDEQ_WQ_WQX	Scotchman Gulch about 1 mile downstream of National Forest Boundary	C02SCTMG02	8/15/2011 17:25	0.16	0.268	0.005	0.06	3.67	4.16
MDEQ_WQ_WQX	Scotchman Gulch Lower 1/2 mile upstream from mouth	C02SCTMG20	8/2/2004 11:29	0.3 (E)	-	-	0.082	-	-
MDEQ_WQ_WQX	Scotchman Gulch Lower 1/2 mile upstream from mouth	C02SCTMG20	7/12/2007 14:00	-	0.15	-	0.058	-	-
MDEQ_WQ_WQX	Scotchman Gulch between mouth and first road crossing	C02SCTMG03	8/6/2009 11:30	0.64	0.388	0.019	-0.001	3.6	-
MDEQ_WQ_WQX	Scotchman Gulch between mouth and first road crossing	C02SCTMG03	9/12/2009 14:05	0.21	0.154	0.01	0.045	4.25	-
MDEQ_WQ_WQX	Scotchman Gulch between mouth and first road crossing	C02SCTMG03	7/6/2010 19:30	-	0.707	0.095	0.102	-	-
MDEQ_WQ_WQX	Scotchman Gulch between mouth and first road crossing	C02SCTMG03	8/5/2010 7:47	0.24	0.313	0.032	0.056	-	-
MDEQ_WQ_WQX	Scotchman Gulch between mouth and first road crossing	C02SCTMG03	9/9/2010 15:28	0.67	0.418	0.006	0.115	-	-
MDEQ_WQ_WQX	Scotchman Gulch between mouth and first road crossing	C02SCTMG03	8/14/2011 9:14	0.17	0.297	0.02	0.056	12.59	3.98
MDEQ_WQ_WQX	Flat Gulch	C02FLATG04	8/15/2011 15:01	0.03	0.384	-	0.095	15.23	2.61
MDEQ_WQ_WQX	Flat Gulch near headwaters	C02FLATG01	8/7/2009 14:30	0.06	0.333	-	0.089	25.2	-
MDEQ_WQ_WQX	Flat Gulch near headwaters	C02FLATG01	9/11/2009 9:42	0.03	0.488	-	0.078	8.61	-
MDEQ_WQ_WQX	Flat Gulch near headwaters	C02FLATG01	7/6/2010 17:00	0.03	0.397	-	0.16	-	-
MDEQ_WQ_WQX	Flat Gulch near headwaters	C02FLATG01	8/4/2010 12:30	0.174	0.33	-	0.088	-	-
MDEQ_WQ_WQX	Flat Gulch near headwaters	C02FLATG01	9/9/2010 12:37	0.25	0.984	-	0.182	-	-
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	7/30/2004 12:00	0.3 (E)	-	-0.01	0.213	25.1	-
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	8/7/2009 9:30	0.1	1.04	-	0.322	13.72	-
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	9/12/2009 9:15	0.02	1.09	-	0.295	5.54	-
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	7/6/2010 14:06	0.01	0.429	-	0.211	-	-
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	8/4/2010 10:14	0.248	0.508	-	0.319	-	-

OrgID	StationNam	StationID	ActvtyDate	Flow_cfs	TPN_N	NO <sub>2</sub> NO <sub>3</sub> _as N	TotalP_as P	Chlorophyl- <i>a</i>	AFDW
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	9/9/2010 10:20	0.36	1.23	-	0.402	-	-
MDEQ_WQ_WQX	Flat Gulch about 2 miles from mouth	C02FLATG10	8/13/2011 14:03	0.02	0.439	-	0.174	7.59	2.97
MDEQ_WQ_WQX	Flat Gulch near mouth	C02FLATG02	8/6/2009 15:25	0.03	0.745	-	0.324	8.55	-
MDEQ_WQ_WQX	Flat Gulch near mouth	C02FLATG02	9/10/2009 10:02	0.4	1.11	-	0.308	12.8	-
MDEQ_WQ_WQX	Flat Gulch near mouth	C02FLATG02	7/6/2010 11:25	0.018	0.229	-	0.115	-	-

\*The flow reported on 8/31/2011 was reported as 3.51 CFS. A flow of 1.55 was used. 1.55 CFS was recalculated by DEQ Monitoring and Assessment staff and is a more accurate representation of flow on that date.

