

APPENDIX B– METALS DATA

Table B-1. Metals water quality data (TR = total recoverable, T = total, D = dissolved)

Org.	Station Name	Site ID	Assessment Unit ID	Date*	Hardness (mg/L)	Flow (cfs)	pH	Ag (µg/L) TR	Al (µg/L) D	As (µg/L) TR	Cd (µg/L) TR	Cr (µg/L) TR	Cu (µg/L) TR	Fe (µg/L) TR	Hg (µg/L) T	Pb (µg/L) TR	Zn (µg/L) TR	SSC (µg/L)	TSS (µg/L)	
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	1/16/2003		8.4														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/14/2003		236														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/17/2003		100														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/17/2003		53														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/1/2003		66														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/14/2003	127	52	8.5			3	< 0.2	< 0.8	1.9	300		0.23	10	11000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/29/2003		189														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	6/3/2003		126														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	6/6/2003	105	81	8.2			3	< 0.2	< 0.8	1.6	366		0.31	2	16000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/11/2003		19														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/23/2003	141	11	8.2			5	< 0.035	< 0.8	1.2	180		0.09	< 2	5000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/13/2003	123	11	8.2			5	< 0.035	< 0.8	1.2	45		0.18	1	5000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/27/2003		8														
DEQ	Nevada Creek upstream of Hwy 141 bridge	C03NVDAC02	MT76F003_011	10/1/2003	120			< 1	< 10	10	< 0.1	< 1	< 1	340		< 1	< 1		7000	
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/6/2003		7.8														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	11/20/2003		18														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	12/2/2003		11	7.7												9000	
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	1/12/2004		11														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	2/20/2004		13														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/10/2004	37.5	146	7.4		7.9	5	0.024		2.8	773		0.69	5	44000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/31/2004		26														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/13/2004	105	28	8.3		1.3	4	< 0.04		1.1	311		0.12	< 2	7000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/5/2004		38														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/19/2004		31														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/27/2004	122	51	8.4		2.2	4	< 0.04		1.9	275		0.18	< 2	8000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/1/2004		20														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/14/2004	142	13	8.5		1.3	5	< 0.04		1.1	294		0.13	1	7000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/27/2004		13														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/25/2004	142	8.4	8.5		0.9	6	< 0.04		1	259		0.07	< 2	4000		
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/31/2004		7.7														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	9/30/2004		12														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	11/15/2004		21														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	12/28/2004		8.1														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	2/8/2005		10														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/3/2005		12														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/10/2005		24														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/25/2005		21														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/3/2005		25														
DEQ	Nevada Creek upstream of reservoir	12335500	MT76F003_011	5/11/2005	84	142	8.22		< 50				10	7270	< 0.1	6			304000	
DEQ	Nevada Creek upstream of Hwy 141 crossing	NCSW-1	MT76F003_011	5/11/2005	65	103	8.13		< 50					2620	< 0.1				97000	
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/12/2005		121														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	6/2/2005		187														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/12/2005		30														
DEQ	Nevada Creek upstream of reservoir	12335500	MT76F003_011	8/25/2005	129	7.79	8						< 1	270		< 3			< 10000	
DEQ	Nevada Creek Upper between Gallagher and	NCSW-2	MT76F003_011	8/25/2005	131	8.21	8.01			< 5			4	290		< 3			< 10000	

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Org.	Station Name	Site ID	Assessment Unit ID	Date*	Hardness (mg/L)	Flow (cfs)	pH	Ag (µg/L) TR	Al (µg/L) D	As (µg/L) TR	Cd (µg/L) TR	Cr (µg/L) TR	Cu (µg/L) TR	Fe (µg/L) TR	Hg (µg/L) T	Pb (µg/L) TR	Zn (µg/L) TR	SSC (µg/L)	TSS (µg/L)
	Jefferson Creeks																		
DEQ	Nevada Creek upstream of Hwy 141 crossing	NCSW-1	MT76F003_011	8/25/2005	109	3.61	8.13			< 5			< 1	290		< 3			< 10000
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	9/20/2005		9.1													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/12/2005		13													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	12/6/2005		11													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	1/11/2006		21													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/30/2006		67													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/6/2006		264													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/19/2006		59													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/30/2006		65													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/10/2006		17													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/15/2006		6													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/4/2006		8													
DEQ	Nevada Creek upstream of proposed restoration area	NCQR-NCWQ-1	MT76F003_011	10/6/2006		5.93	8.19			4			1	150		< .5			< 10000
DEQ	Nevada Creek downstream of proposed restoration area	NCQR-NCWQ-2	MT76F003_011	10/6/2006		7.42	7.96			5			1	440		< .5			12000
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/2/2007		25													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/16/2007		62													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	6/8/2007		63													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/5/2007		14													
DEQ	Nevada Creek about 1/2 mile upstream of Shingle Mill Cr	C03NVDAC01	MT76F003_011	7/13/2007			7.8												
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/16/2007		7.2													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/2/2007		7.2													
DEQ	Nevada Creek upstream of proposed restoration area	NCQR-NCWQ-1	MT76F003_011	10/30/2007		8.1	7.83			3			< 1	200		< .5			< 10000
DEQ	Nevada Creek downstream of proposed restoration area	NCQR-NCWQ-2	MT76F003_011	10/30/2007		6.18	8			4			< 1	230		< .5			< 10000
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	11/15/2007		11													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	12/26/2007		7.6													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	2/15/2008		8.1													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/11/2008		12													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/27/2008		12													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/19/2008		160													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/1/2008		45													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	9/3/2008		17													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/1/2008		8.8													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	11/14/2008		37													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	12/11/2008		19													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	1/1/2009		11													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/4/2009		18													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/8/2009		119													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/13/2009		290													
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/21/2009		301													

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USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	6/12/2009		66														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/28/2009		32														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	9/9/2009		12														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/14/2010		18														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/14/2010		18														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	1/7/2011		21														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	2/16/2011		8.6														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/30/2011		48														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	3/31/2011		294														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	5/24/2011		427														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/12/2011		60														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	8/24/2011		20														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/4/2011		14														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	11/15/2011		31														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	1/6/2012		16														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	2/7/2012		15														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/4/2012		92														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	4/24/2012		217														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	6/15/2012		94														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	7/27/2012		25														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	9/12/2012		4.9														
USGS	Nevada Cr ab reservoir, nr Helmville, MT	12335500	MT76F003_011	10/17/2012		15														
DEQ	Nevada Creek upstream of Nevada Lake and Indian Creek Road crossing	C03NVDAC03	MT76F003_011	5/21/2013	122	40.2	8.23	< 0.2		4	< 0.03	< 1	2	330	< 0.005	< .3	< 8		10000	
DEQ	Nevada Creek upstream of Hwy 141 bridge	C03NVDAC02	MT76F003_011	5/21/2013	81	16.56	7.88	< 0.2		3	< 0.03	< 1	1	240	< 0.005	< .3	< 8		7000	
DEQ	Nevada Creek between Jefferson Creek and Washington Creek	C03NVDAC04	MT76F003_011	5/21/2013	105	30.85	7.99	< 0.2		4	< 0.03	< 1	2	310	< 0.005	< .3	< 8		< 4000	
DEQ	Nevada Creek upstream Huckleberry Creek at end of FR 296	C03NVDAC05	MT76F003_011	5/21/2013	61	26	8.11	< 0.2		3	< 0.03	< 1	< 1	30	< 0.005	< .3	< 8		< 4000	
DEQ	Nevada Creek upstream of Nevada Lake and Indian Creek Road crossing	C03NVDAC03	MT76F003_011	8/14/2013	119	9.14	8.57	< 0.2		5	< 0.03	< 1	< 1	220	< 0.005	< .3	< 8		4000	
DEQ	Nevada Creek between Jefferson Creek and Washington Creek	C03NVDAC04	MT76F003_011	8/14/2013	122	8.54	8.49	< 0.2		6	< 0.03	< 1	< 1	240	< 0.005	< .3	< 8		< 4000	
DEQ	Nevada Creek upstream of Hwy 141 bridge	C03NVDAC02	MT76F003_011	8/14/2013	109	4.59	8.27	< 0.2		6	< 0.03	< 1	< 1	320	< 0.005	< .3	< 8		< 4000	
DEQ	Nevada Creek upstream Huckleberry Creek at end of FR 296	C03NVDAC05	MT76F003_011	8/14/2013	95	4.15	8.22	< 0.2		3	< 0.03	< 1	4	< 20	< 0.005	< .3	< 8		< 4000	
DEQ	Douglas Creek 150 yards upstream from second reservoir	C03DOUGC10	MT76F003_081	9/27/2003	150	9	7.82	< 1		11	< 0.1	< 1	< 1	180		< 1	< 1		7800	
DEQ	Douglas Creek 1/4 mile upstream of Murray Creek confluence	C03DOUGC20	MT76F003_081	9/27/2003	312	1	7.67	< 1		25	< 0.1	< 1	1	480		< 1	< 1		16200	
DEQ	Douglas Creek Middle upstream of confluence with Sturgeon Cr	DCSW-2	MT76F003_081	5/11/2005	232	4.38	7.64		< 50	< 5			1	250		< 3			< 10000	
DEQ	Douglas Creek Middle upstream of confluence with Sturgeon Cr	DCSW-2	MT76F003_081	8/25/2005	181	3.42	8.17			< 3			< 1	370		< 3			11000	

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DEQ	Douglas Creek 1/4 mile upstream of Murray Creek confluence	C03DOUGC20	MT76F003_081	7/10/2008			8.28												
DEQ	Douglas Creek 150 yards upstream from second reservoir	C03DOUGC10	MT76F003_081	7/10/2008			9.3												
DEQ	Douglas Creek 1/4 mile upstream of Murray Creek confluence	C03DOUGC20	MT76F003_081	5/22/2013	262	1.51	8.47	< 0.2		7	< 0.03	< 1	1	350		< .3	< 8		5000
DEQ	Douglas Creek 150 yards upstream from second reservoir	C03DOUGC10	MT76F003_081	5/22/2013	135	1.11	8.65	< 0.2		1	< 0.03	< 1	< 1	250		< .3	< 8		6000
DEQ	Douglas Creek downstream Upper Douglas Creek Rd crossing	C03DOUGC04	MT76F003_081	5/22/2013	134	3.84	8.35	0.4		2	< 0.03	< 1	< 1	180		< .3	< 8		< 4000
DEQ	Douglas Creek upstream Upper Douglas Creek Rd crossing	C03DOUGC05	MT76F003_081	5/22/2013	67	0.48	8	< 0.3		2	< 0.04	5	3	3080		1.3	12		58000
DEQ	Douglas Creek 1/4 mile upstream of Murray Creek confluence	C03DOUGC20	MT76F003_081	8/15/2013	161	1.28	8.56	< 0.2		6	< 0.03	< 1	1	730		0.4	< 8		18000
DEQ	Douglas Creek 150 yards upstream from second reservoir	C03DOUGC10	MT76F003_081	8/15/2013	119	0.28	8.72	< 0.2		1	< 0.03	< 1	< 1	170		< .3	< 8		6000
DEQ	Douglas Creek downstream Upper Douglas Creek Rd crossing	C03DOUGC04	MT76F003_081	8/15/2013	154	3.32	8.44	< 0.2		1	< 0.03	< 1	< 1	30		< .3	< 8		< 4000
DEQ	Douglas Creek at second road crossing below mine	C03DOUGC07	MT76F003_081	8/15/2013	155	2.65	8.12	< 0.2		1	< 0.03	< 1	< 1	< 20		< .3	< 8		< 4000
DEQ	Douglas Creek 1.25 miles upstream from mouth	C03DOUGC30	MT76F003_082	9/27/2003		0.3	7.41												
DEQ	Douglas Creek at road crossing 2 miles west of Helmsville	C03DOUGC01/DCS W-1	MT76F003_082	10/1/2003	294			< 1	< 10	21	< 0.1	< 1	< 1	130		< 1	< 1		13600
DEQ	Douglas Creek upstream of road crossing	C03DOUGC01/DCS W-1	MT76F003_082	5/11/2005	183	15.9	7.51		< 50	< 5			2	1410		< 3			43000
DEQ	Douglas Creek upstream of road crossing	C03DOUGC01/DCS W-1	MT76F003_082	8/25/2005	169	2.69	7.3			< 5			< 1	580		< 3			11000
DEQ	Douglas Creek 1.25 miles upstream from mouth	C03DOUGC30	MT76F003_082	7/9/2008			8.38												
DEQ	Douglas Creek about 0.5 mile upstream from mouth	C03DOUGC06	MT76F003_082	5/22/2013		0													
DEQ	Douglas Creek at road crossing 2 miles west of Helmsville	C03DOUGC01/DCS W-1	MT76F003_082	5/22/2013	157	3.13	8.26	< 0.2		4	< 0.03	1	2	670		0.4	< 8		18000
DEQ	Douglas Creek off Hwy 271 on BLM property	C03DOUGC02	MT76F003_082	5/22/2013	196	3.01	8.23	< 0.2		5	< 0.03	1	2	870		0.5	< 8		25000
DEQ	Douglas Creek below Murray Creek off Hwy 271	C03DOUGC03	MT76F003_082	5/22/2013	232	2.42	8.28	< 0.2		5	< 0.03	< 1	1	370		< .3	< 8		6000
DEQ	Douglas Creek at road crossing 2 miles west of Helmsville	C03DOUGC01/DCS W-1	MT76F003_082	8/15/2013	146	2.41	8.24	< 0.2		7	< 0.03	< 1	1	550		0.3	< 8		13000
DEQ	Douglas Creek off Hwy 271 on BLM property	C03DOUGC02	MT76F003_082	8/15/2013	180	1.5	8.47	< 0.2		5	< 0.03	2	2	990		0.6	< 8		26000
DEQ	Douglas Creek below Murray Creek off Hwy 271	C03DOUGC03	MT76F003_082	8/15/2013	187	1.45	8.36	< 0.2		5	< 0.03	< 1	1	470		< .3	< 8		10000
DEQ	Murray Creek 100 yards upstream of lowest road crossing	C03MURYC20	MT76F003_120	9/26/2003	238	0.2	7.49	< 1		16	< 0.1	< 1	< 1	250		< 1	< 1		13300
DEQ	Murray Creek 100 yards upstream from highest road crossing	C03MURYC10	MT76F003_120	9/26/2003	80.7	4	6.91	< 1		5	< 0.1	1	< 1	90		< 1	< 1		5000

Table B-1. Metals water quality data (TR = total recoverable, T = total, D = dissolved)

Org.	Station Name	Site ID	Assessment Unit ID	Date*	Hardness (mg/L)	Flow (cfs)	pH	Ag (µg/L) TR	Al (µg/L) D	As (µg/L) TR	Cd (µg/L) TR	Cr (µg/L) TR	Cu (µg/L) TR	Fe (µg/L) TR	Hg (µg/L) T	Pb (µg/L) TR	Zn (µg/L) TR	SSC (µg/L)	TSS (µg/L)
DEQ	Murray Creek	C03MURYC01	MT76F003_120	6/28/2008			7.6												
DEQ	Murray Creek 100 yards upstream from highest road crossing	C03MURYC10	MT76F003_120	6/28/2008			8.29												
DEQ	Murray Creek 100 yards upstream of lowest road crossing	C03MURYC20	MT76F003_120	5/23/2013	161	0.29	7.62	< 0.3		2	< 0.04	2	2	710		0.5	< 8		17000
DEQ	Murray Creek near mouth	C03MURYC02	MT76F003_120	5/23/2013	212	2.02	7.81	< 0.3		3	< 0.04	2	3	1010		0.5	< 8		23000
DEQ	Murray Creek 100 yards upstream from highest road crossing	C03MURYC10	MT76F003_120	6/20/2013	64	3.55	8.13	< 0.2		1	0.04	2	< 1	380		< .3	< 8		6000
DEQ	Murray Creek on BLM property off service road	C03MURYC03	MT76F003_120	6/20/2013	64	2.49	8.06	< 0.2		2	< 0.03	1	< 1	250		< .3	< 8		4000
DEQ	Murray Creek near mouth	C03MURYC02	MT76F003_120	8/19/2013	197	0.11	8.24	< 0.2		4	< 0.03	1	1	870		0.4	< 8		18000
DEQ	Murray Creek 100 yards upstream of lowest road crossing	C03MURYC20	MT76F003_120	8/19/2013	196	0.002785	8.19	< 0.2		2	< 0.03	< 1	< 1	130		< .3	< 8		< 4000
DEQ	Murray Creek 100 yards upstream from highest road crossing	C03MURYC10	MT76F003_120	8/19/2013	75	1.69	8.25	< 0.2		< 1	< 0.03	1	< 1	150		< .3	< 8		< 4000
DEQ	Murray Creek on BLM property off service road	C03MURYC03	MT76F003_120	8/19/2013	70	1.58	8.23	< 0.2		< 1	< 0.03	1	< 1	90		< .3	< 8		< 4000
DEQ	Kleinschmidt Creek 200 yards upstream of mouth Rock Creek	C03KLSMC01	MT76F004_110	9/11/2003		16.322	7.46	< 1		22	< 0.1	< 1	< 1	30		< 1	< 1		
DEQ	Kleinschmidt Creek near mouth	C03KLSMC01	MT76F004_110	5/12/2005	140	8.62	7.18		< 50	< 5			< 1	40					< 10000
DEQ	Kleinschmidt Creek near mouth	C03KLSMC01	MT76F004_110	8/24/2005	138	11.2	7.02			< 5			< 1	20					< 10000
DEQ	Kleinschmidt Creek 200 yards upstream of mouth Rock Creek	C03KLSMC01	MT76F004_110	5/21/2013	142	7.14	8.25	< 0.2		2	< 0.03	< 1	< 1	60		< .3	< 8		< 4000
DEQ	Kleinschmidt Creek about 50 ft downstream Hwy 200 crossing	C03KLSMC02	MT76F004_110	5/21/2013	215	0.32	8.24	< 0.2		5	< 0.03	< 1	1	360		< .3	< 8		< 4000
DEQ	Kleinschmidt Creek at first Hwy 200 crossing	C03KLSMC03	MT76F004_110	5/21/2013	191	0.28	8.18	< 0.2		3	< 0.03	< 1	1	240		< .3	< 8		8000
DEQ	Kleinschmidt Creek 200 yards upstream of mouth Rock Creek	C03KLSMC01	MT76F004_110	8/14/2013	138	13.6	8.23	< 0.2		1	< 0.03	< 1	< 1	30		< .3	< 8		< 4000
DEQ	Kleinschmidt Creek about 50 ft downstream Hwy 200 crossing	C03KLSMC02	MT76F004_110	8/14/2013	194	0.24	8.32	< 0.2		6	< 0.03	< 1	1	490		0.3	< 8		7000
DEQ	Kleinschmidt Creek at first Hwy 200 crossing	C03KLSMC03	MT76F004_110	8/14/2013	186	0.23	8.38	< 0.2		3	< 0.03	< 1	< 1	190		< .3	< 8		< 4000
DEQ	Coopers Lake at mid-lake	C03COPRL01	NA	7/15/2006	85.6	NA		< 1		< 1	< 0.08	< 1	< 1	10	< 0.05	< .5	2.5		< 1000

***Bold italicized** dates are considered high flow conditions
 Note: this table may not capture all parameters collected

Table B-2. Metals streambed sediment data (T = total, R = recoverable)

Org ID	Station (Site) Name	Assessment Unit ID	Site ID	Activity Date	Al (ug/g) R	As (ug/g) T	As (ug/g) R	Cd (ug/g) T	Cd (ug/g) R	Cr (ug/g) R	Cu (ug/g) T	Cu (ug/g) R	Fe (ug/g) R	Pb (ug/g) T	Pb (ug/g) R	Hg (ug/g) T	Ni (ug/g) R	Se (ug/g) R	Zn (ug/g) T	Zn (ug/g) R
DEQ	Douglas Creek at road crossing 2 miles west of Helmsville	MT76F003_082	C03DOUGC01	8/15/2013		8		< 0.2			26			28		< 0.05			61	
DEQ	Douglas Creek off Hwy 271 on BLM property	MT76F003_082	C03DOUGC02	8/15/2013		4		< 0.2			21			42		< 0.05			57	
DEQ	Douglas Creek below Murray Creek off Hwy 271	MT76F003_082	C03DOUGC03	8/15/2013		5		< 0.2			17			33		< 0.05			46	
DEQ	Douglas Creek at road crossing 2 miles west of Helmsville	MT76F003_082	C03DOUGC01	10/1/2003	9740		13.1		< 0.5	17.9		22.5	13400		10.7		25.9	< 1		42.4
DEQ	Douglas Creek 150 yards upstream from second reservoir	MT76F003_081	C03DOUGC10	9/27/2003	9870		6.6		< 0.5	27.7		14.1	9470		7.7		26.6	< 1		34.3
DEQ	Douglas Creek 1/4 mile upstream of Murray Creek confluence	MT76F003_081	C03DOUGC20	9/27/2003	9550		9.5		< 0.5	13.3		20.6	11500		9.1		21.7	< 1		43.2
DEQ	Douglas Creek downstream Upper Douglas Creek Rd crossing	MT76F003_081	C03DOUGC04	8/15/2013		2		< 0.2			< 20			24		0.054			64	
DEQ	Douglas Creek at second road crossing below mine	MT76F003_081	C03DOUGC07	8/15/2013		3		0.2			23			99		0.15			61	
DEQ	Douglas Creek 150 yards upstream from second reservoir	MT76F003_081	C03DOUGC10	8/15/2013		2		< 0.2			17			32		< 0.05			55	
DEQ	Douglas Creek 1/4 mile upstream of Murray Creek confluence	MT76F003_081	C03DOUGC20	8/15/2013		5		< 0.2			22			23		< 0.05			54	
DEQ	Kleinschmidt Creek 200 yards upstream of mouth Rock Creek	MT76F004_110	C03KLSMC01	9/11/2003	11400		19.6		< 0.5	13.2		59.1	16000		18		9.5	1.3		84.1
DEQ	Kleinschmidt Creek 200 yards upstream of mouth Rock Creek	MT76F004_110	C03KLSMC01	8/14/2013		18		< 0.2			68			35		< 0.05			63	
DEQ	Kleinschmidt Creek about 50 ft downstream Hwy 200 crossing	MT76F004_110	C03KLSMC02	8/14/2013		35		0.2			45			21		< 0.05			69	
DEQ	Kleinschmidt Creek at first Hwy 200 crossing	MT76F004_110	C03KLSMC03	8/14/2013		26		0.3			50			177		0.056			72	
DEQ	Murray Creek near mouth	MT76F003_120	C03MURYC02	8/19/2013		5		< 0.2			19			20		< 0.05			80	
DEQ	Murray Creek on BLM property off service road	MT76F003_120	C03MURYC03	8/19/2013		3		< 0.2			16			59		< 0.05			73	
DEQ	Murray Creek 100 yards upstream from highest road crossing	MT76F003_120	C03MURYC10	8/19/2013		1		< 0.2			< 20			23		< 0.05			57	
DEQ	Murray Creek 100 yards upstream of lowest road crossing	MT76F003_120	C03MURYC20	8/19/2013		2		< 0.2			< 20			46		< 0.05			59	
DEQ	Nevada Creek upstream of Hwy 141 bridge	MT76F003_011	C03NVDAC02	10/1/2003	11200		30.7		< 0.5	10.7		26.1	17400		15.9		18.9	< 1		47
DEQ	Nevada Creek upstream of Hwy 141 bridge	MT76F003_011	C03NVDAC02	8/14/2013		46		0.2			32			38		0.065			62	
DEQ	Nevada Creek upstream of Nevada Lake and Indian Creek Road crossing	MT76F003_011	C03NVDAC03	8/14/2013		23		0.3			27			35		< 0.05			68	
DEQ	Nevada Creek between Jefferson Creek and Washington Creek	MT76F003_011	C03NVDAC04	8/14/2013		22		< 0.2			24			31		< 0.05			55	
DEQ	Nevada Creek upstream Huckleberry Creek at end of FR 296	MT76F003_011	C03NVDAC05	8/14/2013		50		0.3			46			84		0.12			62	

Note: this table may not capture all parameters collected