

UPPER LOLO CREEK TMDL		May 2003 to Sept. 2004		TOTAL	TOTAL	
WATER SAMPLING LOCATIONS				SUSPENDED	DISSOLVED	
SAMPLE NUMBER	LOCATION	DATE SAMPLED	CHLORIDE (mg/l)	SOLIDS (mg/l)	SOLIDS (mg/l)	
MDT-1	Main stem of Lolo Creek above the confluence with Spring Gulch (Highway 12 milepost 8.2)	5/29/2003	2	<10	48	
		7/2/2003	<1	<10	70	
		7/30/2003	6	<10	64	
		8/26/2003	1	<10	76	
		Summer 2003 Chloride Low Point = <1	9/23/2003	2	<10	81
		Summer 2004 Chloride Low Point = <1	10/16/2003	2	<10	55
			11/20/2003	1	<10	50
		Jul-Aug-Sept 2003 Average = 2.25 mg/l	12/22/2003	2	<10	65
		Jul-Aug-Sept 2004 Average = 1.33 mg/l *	1/14/2004	4	<10	59
			2/11/2004	2	<10	63
		July 2003 - July 2004 average = 2.5 mg/l	3/16/2004	5	<10	37
			4/14/2004	3	<10	47
			5/13/2004	3	<10	42
			6/23/2004	<1	<10	44
			7/15/2004	2	<10	36
			8/17/2004	2	<10	52
			9/22/2004	<1	<10	55
MDT-2	Main stem Lolo Cr. at Lolo Hot Springs, above Granite Creek confluence. (milepost 7.3)	5/29/2003	<1	10	42	
		7/2/2003	2	<10	73	
		7/30/2003	<1	<10	54	
		8/26/2003	1	<10	77	
		Summer 2003 Chloride Low Point = <1	9/23/2003	2	<10	62
		Summer 2004 Chloride Low Point = 1	10/16/2003	13	<10	63
			11/20/2003	3	<10	54
		Jul-Aug-Sept 2003 Average = 1.25 mg/l	12/22/2003	3	<10	66
		Jul-Aug-Sept 2004 Average = 2.00 mg/l	1/14/2004	2	<10	59
			2/11/2004	2	<10	62
		July 2003 - July 2004 average = 3.0 mg/l	3/16/2004	7	<10	31
			4/14/2004	2	<10	57
			5/13/2004	2	<10	41
			6/23/2004	1	<10	57
			7/15/2004	1	<10	43
			8/17/2004	3	<10	70
			9/22/2004	2	<10	66
MDT-3	Granite Creek, approx. 1.3 miles up Fish Cr. Road from Hwy 12 intersection (milepost 6.7)	5/29/2003	<1	<10	31	
		7/2/2003	<1	<10	60	
		7/30/2003	1	<10	40	
		8/26/2003	<1	<10	68	
		Summer 2003 Chloride Low Point = <1	9/23/2003	<1	<10	58
		Summer 2004 Chloride Low Point = <1	10/16/2003	2	<10	32
			11/20/2003	<1	<10	58
		Jul-Aug-Sept 2003 Average = 0.25 mg/l	12/22/2003	<1	<10	50
		Jul-Aug-Sept 2004 Average = 0.33 mg/l *	1/14/2004	(a)	(a)	(a)
			2/11/2004	(a)	(a)	(a)
		July 2003 - July 2004 average = <1 mg/l	3/16/2004	(a)	(a)	(a)
			4/14/2004	<1	<10	43
			5/13/2004	2	<10	29
			6/23/2004	2	<10	33
			7/15/2004	<1	<10	27
			8/17/2004	1	<10	46
			9/22/2004	<1	<10	43

MDT-4	East Fork Lolo Creek, approx 0.5 miles up East Fork road from Hwy 12 intersection (milepost 6.4)	5/29/2003	<1	<10	35		
		7/2/2003	<1	<10	73		
		7/30/2003	<1	<10	48		
		8/26/2003	<1	<10	81		
		Summer 2003 Chloride Low Point = <1	9/23/2003	<1	<10	63	
		Summer 2004 Chloride Low Point = <1	10/16/2003	2	<10	59	
			11/20/2003	<1	<10	47	
		Jul-Aug-Sept 2003 Average = 0.00 mg/l	12/22/2003	<1	<10	73	
		Jul-Aug-Sept 2004 Average = 0.33 mg/l *	1/14/2004	<1	10	49	
			2/11/2004	<1	<10	56	
		July 2003 - July 2004 average = <1 mg/l	3/16/2004	<1	<10	27	
			4/14/2004	<1	<10	51	
			5/13/2004	<1	<10	42	
			6/23/2004	<1	<10	53	
			7/15/2004	<1	<10	40	
			8/17/2004	1	<10	63	
			9/22/2004	<1	<10	58	
		MDT-5	Lee Creek, approx. 0.5 miles up Lee Creek road from Hwy 12 intersection (milepost 5.9)	5/29/2003	<1	<10	52
				7/2/2003	<1	<10	104
7/30/2003	<1			<10	81		
8/26/2003	(b)			(b)	(b)		
Summer 2003 Chloride Low Point = <1	9/23/2003			<1	<10	95	
Summer 2004 Chloride Low Point = <1	10/16/2003			1	<10	75	
	11/20/2003			<1	<10	62	
Jul-Aug-Sept 2003 Average = 0.00 mg/l	12/22/2003			<1	<10	88	
Jul-Aug-Sept 2004 Average = 0.33 mg/l *	1/14/2004			2	<10	81	
	2/11/2004			<1	<10	80	
July 2003 - July 2004 average = <1 mg/l	3/16/2004			<1	<10	46	
	4/14/2004			2	13	62	
	5/13/2004			<1	<10	59	
	6/23/2004			1	<10	66	
	7/15/2004			<1	<10	68	
	8/17/2004			1	<10	90	
	9/22/2004			<1	<10	89	
MDT-6	West Fork Lolo Creek above Lee Cr. confluence at milepost 5.7			5/29/2003	2	<10	33
				7/2/2003	2	<10	64
		7/30/2003	2	<10	42		
		8/26/2003	4	<10	62		
		Summer 2003 Chloride Low Point = 2	9/23/2003	4	<10	49	
		Summer 2004 Chloride Low Point = 3	10/16/2003	4	<10	47	
			11/20/2003	3	<10	50	
		Jul-Aug-Sept 2003 Average = 3.00 mg/l	12/22/2003	6	<10	59	
		Jul-Aug-Sept 2004 Average = 5.67 mg/l	1/14/2004	2	<10	66	
			2/11/2004	3	<10	57	
		July 2003 - July 2004 average = 3.9 mg/l	3/16/2004	8	<10	40	
			4/14/2004	4	<10	51	
			5/13/2004	3	<10	51	
			6/23/2004	4	<10	42	
			7/15/2004	4	<10	36	
			8/17/2004	4	<10	49	
			9/22/2004	9	<10	53	

MDT-7	West Fork Lolo Creek at Hwy 12 milepost 4.3 at forest road bridge	5/29/2003	2	<10	33
		7/2/2003	2	<10	57
		7/30/2003	3	<10	37
	Summer 2003 Chloride Low Point = 2	8/26/2003	3	<10	67
		9/23/2003	4	<10	38
	Summer 2004 Chloride Low Point = 4	10/16/2003	5	<10	36
		11/20/2003	6	<10	39
	Jul-Aug-Sept 2003 Average = 3.00 mg/l	12/22/2003	6	<10	61
	Jul-Aug-Sept 2004 Average = 4.33 mg/l	1/14/2004	7	<10	43
		2/11/2004	6	<10	50
	July 2003 - July 2004 average = 5.6 mg/l	3/16/2004	17	<10	31
		4/14/2004	4	<10	44
		5/13/2004	4	<10	41
		6/23/2004	4	<10	37
		7/15/2004	4	<10	32
		8/17/2004	5	<10	51
		9/22/2004	4	<10	51
MDT-8	West Fork Lolo Creek at Hwy 12 milepost 2.5 above box culvert	5/29/2003	1	<10	27
		7/2/2003	1	<10	60
		7/30/2003	<1	<10	37
	Summer 2003 Chloride Low Point = <1	8/26/2003	<1	<10	49
		9/23/2003	4	<10	53
	Summer 2004 Chloride Low Point = 3	10/16/2003	5	<10	31
		11/20/2003	5	<10	38
	Jul-Aug-Sept 2003 Average = 1.25 mg/l	12/22/2003	6	<10	63
	Jul-Aug-Sept 2004 Average = 3.33 mg/l	1/14/2004	5	<10	48
		2/11/2004	6	<10	61
	July 2003 - July 2004 average = 4.8 mg/l	3/16/2004	17	<10	37
		4/14/2004	5	<10	50
		5/13/2004	4	<10	39
		6/23/2004	3	<10	37
		7/15/2004	3	<10	28
		8/17/2004	3	<10	49
		9/22/2004	4	<10	49
MDT-9	West Fork Lolo Creek at approximate milepost 1.1 at base of high fill slope	5/29/2003	2	16	27
		7/2/2003	1	<10	69
		7/30/2003	3	<10	35
	Summer 2003 Chloride Low Point = 1	8/26/2003	5	<10	44
		9/23/2003	4	<10	52
	Summer 2004 Chloride Low Point = 4	10/16/2003	6	<10	40
		11/20/2003	9	<10	65
	Jul-Aug-Sept 2003 Average = 3.25 mg/l	12/22/2003	5	<10	62
	Jul-Aug-Sept 2004 Average = 4.00 mg/l	1/14/2004	6	<10	50
		2/11/2004	4	<10	54
	July 2003 - July 2004 average = 5.2 mg/l	3/16/2004	10	<10	47
		4/14/2004	3	<10	49
		5/13/2004	4	<10	43
		6/23/2004	4	<10	35
		7/15/2004	4	<10	27
		8/17/2004	4	<10	52
		9/22/2004	4	<10	51
Notes:					
MDT-3, 4, 5: "Background" sample (tributary creek)					
(a) No sample collected due to difficult or unsafe access					
(b) No sample collected: access denied due to forest fire activity					
Averages: When averaging chloride levels, "<1 mg/l" is assumed to be zero.					

**ST. REGIS RIVER TMDL
WATER SAMPLING LOCATIONS**

SAMPLE NUMBER	LOCATION	DATE SAMPLED	CHLORIDE (mg/l)	TOTAL SUSPENDED SOLIDS (mg/l)	TOTAL DISSOLVED SOLIDS (mg/l)
MDT-1	Saint Regis River at I-90 milepost (MP) 3.0. Sample location is at base of large fill sl below westbound parking area.	7/1/2003	1	<10	65
		7/31/2003	2	<10	43
		8/27/2003	3	<10	61
		9/24/2003	3	<10	54
		10/17/2003	4	<10	38
		11/21/2003	9	<10	54
		12/23/2003	8	<10	55
		1/14/2004	8	<10	64
		2/10/2004	11	<10	66
		3/15/2004	36	<10	95
		4/13/2004	4	<10	48
		5/11/2004	2	<10	39
		6/22/2004	3	<10	38
		7/15/2004	3	<10	36
		8/17/2004	5	<10	53
		9/21/2004	2	<10	50
MDT-2	Saint Regis River at I-90 MP 3.0. Sample location is the St. Regis River nearest the eastbound rest area.	7/1/2003	1	<10	92
		7/31/2003	1	<10	31
		8/27/2003	2	<10	61
		9/24/2003	2	<10	53
		10/17/2003	3	<10	38
		11/21/2003	7	<10	61
		12/23/2003	8	<10	54
		1/14/2004	8	<10	67
		2/10/2004	11	<10	72
		3/15/2004	28	<10	86
		4/13/2004	4	<10	51
		5/11/2004	3	<10	32
		6/22/2004	3	<10	34
		7/15/2004	2	<10	36
		8/17/2004	3	<10	60
		9/21/2004	3	<10	52
MDT-3	Saint Regis River at I-90 MP 6.4. Sample location is the Dominion Creek bridge across St. Regis River. Take Ta	7/1/2003	2	<10	94
		7/31/2003	3	<10	44
		8/27/2003	2	<10	82
		9/24/2003	3	<10	53
		10/17/2003	5	<10	49
		11/21/2003	11	<10	78
		12/23/2003	12	<10	73
		1/14/2004	13	<10	85
		2/10/2004	15	<10	66
		3/15/2004	29	<10	88
		4/13/2004	4	<10	53
		5/11/2004	3	<10	35
		6/22/2004	4	<10	32
		7/15/2004	4	<10	43

		8/17/2004	4	<10	69	
		9/21/2004	4	<10	58	
MDT-4	Saint Regis River at I-90 MP 7.9. Sample location is the riverbank nearest eastbound lane turnout area at the break in the median concrete barrier.	7/1/2003	2	<10	96	
		7/31/2003	3	<10	50	
		8/27/2003	2	<10	85	
		9/24/2003	3	<10	75	
		10/17/2003	1	<10	46	
		Summer 2003 Chloride Low Point = 2 mg/l	11/21/2003	9	<10	68
		Summer 2004 Chloride Low Point = 3 mg/l	12/23/2003	10	<10	70
			1/14/2004	11	<10	77
		Jul-Aug-Sept 2003 Average = 2.50 mg/l	2/10/2004	12	<10	79
		Jul-Aug-Sept 2004 Average = 3.67 mg/l	3/15/2004	21	<10	75
			4/13/2004	4	<10	45
		July 2003 - July 2004 Average = 6.5 mg/l	5/11/2004	4	<10	43
			6/22/2004	3	<10	36
			7/15/2004	3	<10	46
			8/17/2004	5	<10	66
	9/21/2004	3	<10	56		
MDT-5	Saint Regis River at I-90 MP 10.2. Sample location is at the west end of the MDT Saltese Section maintenance yard	7/1/2003	2	<10	102	
		7/31/2003	2	<10	48	
		8/27/2003	2	<10	82	
		9/24/2003	3	<10	79	
		10/17/2003	5	<10	42	
		Summer 2003 Chloride Low Point = 2 mg/l	11/21/2003	10	<10	73
		Summer 2004 Chloride Low Point = 3 mg/l	12/23/2003	10	<10	60
			1/14/2004	10	<10	80
		Jul-Aug-Sept 2003 Average = 2.25 mg/l	2/10/2004	12	<10	81
		Jul-Aug-Sept 2004 Average = 4.00 mg/l	3/15/2004	23	<10	75
			4/13/2004	3	<10	44
		July 2003 - July 2004 Average = 6.8 mg/l	5/11/2004	4	<10	42
			6/22/2004	3	<10	52
			7/15/2004	3	<10	43
			8/17/2004	5	<10	57
	9/21/2004	4	<10	50		
MDT-6	Saint Regis River at I-90 MP 12.4. Sample location is the riverbank closest the west end of the concrete barrier along the median.	7/1/2003	2	<10	71	
		7/31/2003	3	<10	39	
		8/27/2003	2	<10	95	
		9/24/2003	3	<10	70	
		10/17/2003	4	<10	68	
		Summer 2003 Chloride Low Point = 2 mg/l	11/21/2003	(a)	(a)	(a)
		Summer 2004 Chloride Low Point = 2 mg/l	12/23/2003	7	<10	55
			1/14/2004	9	<10	67
		Jul-Aug-Sept 2003 Average = 2.50 mg/l	2/10/2004	9	<10	64
		Jul-Aug-Sept 2004 Average = 2.67 mg/l	3/15/2004	16	<10	68
			4/13/2004	2	<10	43
		July 2003 - July 2004 Average = 4.8 mg/l	5/11/2004	2	<10	49
			6/22/2004	3	<10	38
			7/15/2004	3	<10	41
			8/17/2004	3	<10	57
	9/21/2004	2	<10	52		

MDT-7	St. Regis River at I-90 MP 16.3 (Hauga Sample location is beneath the 2-lane b across the river just south of the interch	7/1/2003	2	<10	66
		7/31/2003	2	<10	44
		8/27/2003	2	<10	75
		9/24/2003	2	<10	66
		10/17/2003	4	<10	58
		11/21/2003	7	<10	64
		12/23/2003	11	<10	53
		1/14/2004	11	<10	65
		2/10/2004	10	<10	72
		3/15/2004	14	<10	55
		4/13/2004	3	<10	47
		5/11/2004	3	<10	36
		6/22/2004	2	<10	37
		7/15/2004	4	<10	38
		8/17/2004	4	<10	50
9/21/2004	3	<10	53		
MDT-8	St. Regis River (I-90 MP 22.0 Hendersc Sample location is at the gravel parking next to the river just south of the interch	7/1/2003	1	<10	72
		7/31/2003	1	<10	49
		8/27/2003	2	<10	78
		9/24/2003	2	<10	68
		10/17/2003	3	<10	65
		11/21/2003	4	<10	65
		12/23/2003	5	<10	55
		1/14/2004	4	<10	61
		2/10/2004	7	<10	66
		3/15/2004	9	<10	51
		4/13/2004	2	<10	46
		5/11/2004	3	<10	42
		6/22/2004	3	<10	44
		7/15/2004	2	<10	48
		8/17/2004	2	<10	58
9/21/2004	<1	<10	79		
MDT-9	St. Regis River beneath I-90 westbound at MP 29.2. (Take "Fishing Access" exi off the westbound lanes.)	7/1/2003	1	<10	75
		7/31/2003	2	<10	54
		8/27/2003	1	<10	88
		9/24/2003	2	<10	64
		10/17/2003	3	<10	63
		11/21/2003	4	<10	62
		12/23/2003	4	<10	69
		1/14/2004	7	<10	65
		2/10/2004	6	<10	72
		3/15/2004	7	<10	55
		4/13/2004	2	<10	50
		5/11/2004	3	<10	48
		6/22/2004	1	<10	45
		7/15/2004	2	<10	43
		8/17/2004	4	<10	67
9/21/2004	2	<10	53		

MDT-10	Twelvemile Creek. Take Henderson ex I-90 (MP 22.0), sample location is 0.3 miles to the northeast up paved side road.	7/1/2003	<1	<10	96
		7/31/2003	1	<10	77
		8/27/2003	<1	<10	107
		9/24/2003	<1	<10	89
		10/17/2003	3	<10	85
		11/21/2003	1	<10	87
		12/23/2003	<1	<10	84
		1/14/2004	4	<10	100
		2/10/2004	<1	<10	87
		3/15/2004	<1	<10	66
		4/13/2004	<1	<10	53
		5/11/2004	1	<10	58
		6/22/2004	1	<10	65
		7/15/2004	<1	<10	63
		8/17/2004	1	<10	89
9/21/2004	2	<10	48		
MDT-11	Randolph Creek. Sample location is 0.5 miles north of I-90 (MP 6.4) on Randolph Creek road. (Access is the I-90 Taft exit)	7/1/2003	<1	<10	52
		7/31/2003	2	<10	21
		8/27/2003	<1	<10	47
		9/24/2003	<1	<10	39
		10/17/2003	4	<10	34
		11/21/2003	3	<10	35
		12/23/2003	2	<10	36
		1/14/2004	5	<10	36
		2/10/2004	<1	<10	32
		3/15/2004	2	<10	22
		4/13/2004	2	<10	29
		5/11/2004	2	<10	28
		6/22/2004	<1	<10	28
		7/15/2004	<1	<10	19
		8/17/2004	2	<10	34
9/21/2004	2	<10	26		
MDT-12	Dominion Creek. Sample location is 0.5 miles south of I-90 (MP-6.4) on Dominion Creek road. (Access is the I-90 Taft exit)	7/1/2003	<1	<10	85
		7/31/2003	<1	<10	82
		8/27/2003	<1	<10	89
		9/24/2003	<1	<10	67
		10/17/2003	1	<10	66
		11/21/2003	(a)	(a)	(a)
		12/23/2003	(a)	(a)	(a)
		1/14/2004	(a)	(a)	(a)
		2/10/2004	(a)	(a)	(a)
		3/15/2004	(a)	(a)	(a)
		4/13/2004	(a)	(a)	(a)
		5/11/2004	<1	<10	44
		6/22/2004	2	<10	42
		7/15/2004	<1	<10	53
		8/17/2004	2	<10	70
9/21/2004	<1	<10	61		
Notes:	(a)	Sample not collected because of difficult or unsafe access to sample site			
	(*)	Assumes <1 value equals zero			
MDT-10, 11, 12:		Tributary samples: not on St. Regis River			