

Montana Department of Fish, Wildlife & Parks

Fisheries Division

P.O. Box 200701 Helena, MT 59620

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTORS PERMIT

Permit No 11-2009

YEAR 2009

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INSTRUCTIONS: Complete all columns for each species at each collection site. For each collection location, indicate lat-long or UTM coordinates. Lat/Long in decimal degrees is preferred.

Collection Date (mm/dd/yyyy)	Species Collected (Common Name)	No. Captured	No. Kept	Waterbody Name Where Fish Collected	Tributary to:	Collection Method (Gear)	Min Length (mm)	Max Length (mm)	Avg Length (mm)	Avg Weight (gm)	Lat UTM N	Long UTM W
Following are sites where 3-pass population estimates were conducted over 100 m sections of stream												
7/29/2009	Brook trout (all fish)	53	0	Mill Creek	Cherry Crk	BP-EF	54	221	106		5041948	0468721
	(only fish ≥ 100 mm)	25					124	221	152	40		
7/29/2009	Brook trout (all fish)	109	0	Mill Creek	Cherry Crk	BP-EF	50	213	108		5041852	0469202
	(only fish > 100 mm)	24					129	213	159	47		
7/30/2009	Brook trout	58	0	Cherry Creek	Madison River	BP-EF	65	288	185		5044465	0465424
	(only fish > 100 mm)	53					140	288	195	89		
	Rainbow trout	160	0				103	375	226	139		
	Cutthroat x rainbow	6	0				116	211	160	63		
8/3/2009	Brook trout	29	0	Cherry Creek	Madison River	BP-EF	59	257	161		5045339	0465355
	(only fish > 100 mm)	21					126	257	193	84		
	Rainbow trout	119	0				81	350	192			
	(only fish > 100 mm)	111					100	350	200	106		
8/3/2009	Brook trout	23	0	Cherry Creek	Madison River	BP-EF	139	258	209	98	5045852	0465776
	Rainbow trout	169	0				87	335	200			
	(only fish > 100 mm)	166					100	335	202	97		
	Cutthroat x rainbow	1	0				278	278	278	198		
8/5/2009	Brown trout	37	0	Cherry Creek	Madison River	BP-EF	60	471	268		5049564	0461338
	(only fish > 100 mm)	35					142	471	280	300		
	Rainbow trout	9	0				100	303	162	89		
	Mountain whitefish	2	0				227	301	264			
	Longnose sucker	9	0				135	195	158			
	Mottled sculpin	common										
8/5/2009	Brown trout	117	0	Cherry Creek	Madison River	BP-EF	61	385	200		5051529	0457658
	(only fish > 100 mm)	55					132	385	219	129		
	Rainbow trout	8	0				46	288	132			
	(only fish > 100 mm)	4					112	288	189	91		
	Longnose sucker	3	0				148	160	154			
	Mountain whitefish	3	0				105	214	173			
	White sucker	3	0				126	173	145			

	Mottled sculpin	common	0									
8/13/2009	Brook trout	2	0	Greenhorn Creek	Ruby River	BP-EF	220	338	279	229	4994485	0413366
	Brown trout	31	0				64	373	120			
	(only fish > 100 mm)	10					100	373	198	143		
	Mottled sculpin	common	0									
8/13/2009	Brook trout	49	0	Greenhorn Creek	Ruby River	BP-EF	yoy	274			4995550	0417194
	(only fish > 100 mm)	22					100	274	185	93		
	WS Cutthroat trout	6	0				87	253	185			
	(only fish > 100 mm)	5					135	253	204	105		
	Mottled sculpin	common	0									
8/12/2009	Brook trout	39	0	Greenhorn Creek	Ruby River	BP-EF	64	221	147		4997357	0418705
	(only fish > 100 mm)	33					102	221	157	58		
	WS Cutthroat trout	26	0				66	246	129			
	(only fish > 100 mm)	21					112	246	143	44		
6/12/2009	Brook trout	2	0	Willow Creek	Ruby River	BP-EF	106	226	166	82	4992099	0417073
	Brown trout	34	0				52	308	82			
	(only fish > 100 mm)	7					102	308	153	71		
	Rainbow trout	4	0				78	314	215			
	(only fish > 100 mm)	3					212	314	260	213		
	Mottled sculpin	15	0									
6/12/2009	Brook trout	10	0	Willow Creek	Ruby River	BP-EF	65	213	106		4992068	0417562
	(only fish > 100 mm)	3					136	213	180	73		
8/12/2009	Brook trout	19	0	Willow Creek	Ruby River	BP-EF	58	165	111		4992533	0417963
	(only fish > 100 mm)	12					100	165	120	19		
8/12/2009	Brook trout	53	0	Willow Creek	Ruby River	BP-EF	92	201	134		4993052	0418245
	(only fish > 100 mm)	18					101	201	143	40		
Following site is where brook trout were removed to protect arctic grayling broodstock.												
7/1/2009	Brook trout	313	313	Green Hollow Creek	Spanish Creek	BP-EF	65	260	130		5040387	0472589
thru				(fish removed above								
10/22/2009				Green Hollow II reservoir)								
Following site is where amphibian tadpoles were captured for laboratory study on effects of rotenone.												
5/1/2009	Boreal toad	~500	~500	Deep Creek Pond	Cherry Creek	Dip Net	Tadpoles				5047902	0461903
thru	Columbia spotted frog	~1000	~1000									
7/15/2009												

Note: All UTM's are in NAD 27 datum. UTM coordinates are the downstream starting point of any sampling point along a stream - in most cases the sample was 100 m upstream from the starting point. Only fish ≥ 100 mm were weighed, so for a given species if there were fish < 100 mm I reported the overall number of fish captured, the size range, and average size of all fish. I then reported the number, size range, average size, and average weight for only those fish ≥ 100 mm - indicated by the (only fish ≥ 100 mm) line directly under each species at each site. In other words the line (only fish ≥ 100 mm) is a subset of the fish on the line directly above. If you have any questions please call or email Carter Kruse (carter.kruse@retranches.com; 406-556-8508).