

Table 5.3-5 Results of Watercourse Assessment July 2008

Watercourse	Field Site #	UTM E	UTM N	Elevation (m)	Channel Type	Channel Width (m)	Wetted Width (m)	Glide/Riffle Depth (m)	Pool Depth (m)	Gradient (%)	Bed Material	Cover Type and %	Potential Barrier	Documented Fish Presence	Riparian Vegetation	Comments
Bullmoose Creek	1	622664	6113771	782	riffle - 90%; pool - 10%	13	10	0.2		3	cobble, boulder, fines, gravel	<5% LWD, <5% B, <5% U		bull trout, rainbow trout, Dolly Varden char (or bull trout), Arctic grayling, mountain whitefish, longnose sucker, brassy minnow, norther pike, burbot, slimy sculpin	alder, willow, cottonwood, spruce aspen	several eroding banks (25-30m high), creek in ravine, could have good spawning gravel
Bullmoose Creek Trib 1	2	621384	6114396		glide - 80%; riffle - 20%	3	2	0.05		3	gravel, fines		downstream culvert, low flow, shallow water depth		alder, willow, cottonwood	creek flows into debris collection structure; CSP culvert >2m diameter; creek is in a ravine; location is u/s of Hwy 52
Bullmoose Creek Trib 1	3	619296	6113057	1034											alder, willow, horsetail	50 cm CSP culvert under road; headwaters
Murray River	4	626925	6114458		riffle - 50%; glide - 50%, pool <5%	60					cobble, boulder			bull trout, Arctic grayling, mountain whitefish, longnose sucker, brassy minnow, norther pike, burbot, slimy sculpin, longnose dace	alder, spruce, cottonwood	gravel bars in middle, several side channels. Flood plain on once side and high unstable bank on other
Murray River sidechannel	5	626904	8114840		slough	6	6	2								
Murray River Trib 1	6	632577	6116311					trickle flow							black spruce, pine, willow	may be drainage ditch (no defined channel, trickle flow), 45 cm CSP culvert under gravel road
Murray River Trib 1 (Quantity Cr)	7	632951	6116757	1003				trickle flow							black spruce, pine, willow	may be drainage ditch (no defined channel, trickle flow ds of road), 90 cm CSP culvert under gravel road
Murray River Trib 1 (Quantity Cr)	8	633108	6117225	997	riffle - 60%; glide - 30%; pool - 10%	3	1.2			5 to 8	cobble, boulder, gravel	<5% LWD, <5% B, <5% OV		electrofished 204 seconds over 200 m: no fish captured	black spruce, pine, willow	2.2 m diameter culvert under gravel road
Murray River Trib 1 (Quantity Cr)	9	633013	6118226	960	riffle - 60%; glide - 20%; pool - 20%	2.4	1.8	0.05	0.25	5	gravel, cobble	10% SWD; 10% LWD; 10% DP; <5% OV	some potential from log jam ds of culvert; perched culvert (10 cm above channel)			
Murray River Trib 2	10	635855	6122814													no defined channel; in bog/wetland area; near oil well; appears to have been filled.
Murray River Trib 2	11	635616	6125962	1032	glide - 50%; riffle - 50%	2	1.2	0.05	0.15	3	cobble, gravel		hanging culvert (~0.5 m above channel)			

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Murray River Trib 3	12	629612	611598	887	slough	1	0.5	0.3	0.6		finer, gravel		hanging culvert			60 cm diameter CSP culvert under gravel road; no fish passage possible	
Murray River Trib 3	13	630022	611513													2 x 60 cm CSP culverts under gravel road	
Quality Creek	14	631829	6113721	924	riffle - 50%; glide - 50%, pool <5%	9.5	6.5	0.1	0.15	2	cobble, gravel, fines	<5% LWD, <5% B, <5% OV		rainbow trout, brook trout	alder, willow, spruce	rainbows seen while walking thru culvert (under highway)	
Quality Creek Trib 1	15	632178	6115221	1026	dry											no defined channel; 45 cm CSP culvert	
Quality Creek Trib 2	16	634777	6114832	1124	dry	1.5					gravel, cobble				alder, spruce, cottonwood	defined channel, in logged area	
Quality Creek Trib 2	17	635847	6113644	1214		1.5	1.3	0.2			finer				alder, spruce, cottonwood	undefined channel; appears to be excavated area 12 m long; 45 cm CSP culvert under gravel road	
Quality Creek Trib 2	18	636578	6115216	1201		1	0.8	0.3					hanging culvert		alder, spruce, cottonwood	defined channel; 60 cm CSP culvert under road; culvert ~50 cm above channel	
W. Kiskatinaw Trib 1	19	636143	6122976	1119				trickle flow									no defined channel; culvert under gravel road

cover types: B= boulder; DP=deep pool; LWD=large woody debris; OV= overhanging vegetation; SWD=small woody debris; U=undercut bank