

## Appendix 2. Completed field survey cards by watershed

### Horsefly Watershed - SCQI Assessments Stream Crossing Quality Index Survey - Page 1

Sub-Basin name: \_\_\_\_\_ Horsefly \_\_\_\_\_

Surveyor: \_\_\_\_\_ PB, BL and BF \_\_\_\_\_

Date of Survey: July 15 to 24, 2002

						Road Running Surface						Ditches								
						Left Road Surface		Right Road Surface				RF Ditch		RB Ditch		LF Ditch		LB Ditch		
Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential
Mackay	I100	658878	5803418	8		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.80	1.00
Mackay	I101	652099	5805300																	
Mackay	I102	658450	5803452	8		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I103	658088	5803582	4		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I104	657869	5803696	8		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I105	658182	5803583	8		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I106	658457	5803452	8		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I107	659038	5803368	8		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I108	659932	5802513	6		0.95	0.80	0.75	1.00	0.75	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00
Mackay	I109	661071	5800944	6		0.95	0.80	0.70	1.00	0.90	1.00	0.95	0.00	0.00	1.00	1.00	0.00	0.00	0.70	1.00
Mackay	I110	661007	5800999	6		0.95	0.80	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I111	661061	5801285	6		0.95	0.80	0.00	0.00	0.65	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I112	660051	5802662	5	1200	0.95	1.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.80
Mackay	I113	660096	5802652	5	600	0.95	1.00	0.60	1.00	0.60	1.00	0.95	0.00	0.00	0.75	0.95	0.00	0.00	0.00	0.00
Mackay	I114	660325	5802440	5	600	0.95	1.00	0.60	1.00	0.60	1.00	0.95	0.00	0.00	0.60	0.95	0.00	0.00	0.00	0.00
Mackay	I115	661267	5801416	5	1000	0.95	1.00	0.00	0.00	0.00	0.00	0.95	0.70	0.90	0.7	0.90	0.70	0.90	0.00	0.00
Mackay	I116	662623	5800267	5	1200	0.95	1.00	0.60	0.80	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I117	663327	5799679	5	500	0.95	1.00	0.60	0.90	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.85
Mackay	I118	664154	5799081	5	1000	0.90	1.00	0.00	0.00	0.00	0.00	0.95	0.75	0.85	0.00	0.00	0.00	0.00	0.60	0.80
Mackay	I119	664213	5799009	1		0.90	1.00	0.00	0.00	0.00	0.00	1.00	0.60	0.75	0.90	0.94	0.60	0.85	0.80	0.80
Mackay	I120	664981	5798467																	
Mackay	I121	665051	5797780	8		0.90	0.90	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I122	666302	5797218	5	800	0.95	1.00	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I123	665512	5797968	5	800	0.95	1.00	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.00	0.00
Mackay	I01	668289	5795416																	
Mackay	I02	667670	5796590	2		0.90	0.98	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.80	0.90	0.00	0.00	0.80	0.80
Mackay	I03	667310	5797113	5	500	0.90	0.98	0.85	1.00	0.80	0.90	1.00	0.80	0.90	0.80	1.00	0.70	0.90	0.90	1.00
Mackay	I04	667261	5797177	5	500	0.90	0.98	0.80	1.00	0.80	1.00	1.00	0.85	1.00	0.90	1.00	0.70	0.90	0.75	1.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential
Mackay	I05	666833	5797485	5	500	0.95	0.98	0.80	1.00	0.80	1.00	0.90	0.00	0.00	0.75	1.00	0.00	0.00	0.75	1.00
Mackay	I06	666797	5797519	5	1200	0.95	0.98	0.70	1.00	0.70	1.00	0.95	0.80	1.00	0.80	1.00	0.80	1.00	0.85	1.00
Mackay	I07	666770	5797564	5	900	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.60	0.90	0.85	1.00	0.85	1.00	0.90	0.90
Mackay	I08	666714	5797650	5	500	0.95	0.98	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
Mackay	I09	666001	5798445	5	500	0.95	0.98	0.75	1.00	0.75	1.00	0.95	0.00	0.00	0.85	1.00	0.70	0.90	0.85	1.00
Mackay	I10	665895	5798521	5	500	0.95	0.98	0.80	1.00	0.75	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I11	665811	5798623	2		0.95	0.98	0.00	0.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I12	665262	5799141	5	500	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.70	0.90	0.75	1.00	1.00	1.00
Mackay	I13	665217	5799189	5	600	0.95	0.98	0.75	1.00	0.80	1.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.80	1.00
Mackay	I14	665222	5799237	5	500	0.95	0.98	0.80	0.90	0.90	0.90	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.95	1.00
Mackay	I15	664912	5799514	5	500	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
Mackay	I16	664911	5799530	5	500	0.95	0.98	0.85	1.00	0.80	1.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.80	1.00
Mackay	I17	664215	5800263	2		0.95	0.98	0.00	0.00	0.85	0.90	0.95	0.00	0.00	0.00	0.00	0.80	1.00	0.00	0.00
Mackay	I18	662898	5800808	5	500	0.95	0.98	0.70	0.90	0.70	0.90	0.98	0.00	0.00	0.75	1.00	0.00	0.00	0.75	1.00
Mackay	I19	662847	5800917	5	600	0.95	0.98	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.65	1.00	0.00	0.00	0.70	1.00
Mackay	I20	662685	5801170	5	600	0.95	0.98	0.65	0.90	0.65	0.90	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.70	1.00
Mackay	I21	662661	5801218	5	900	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
Mackay	I22	661168	5802290	5	500	0.95	0.98	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I23	660462	5802708	5	600	0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I24	660194	5802919	2		0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.85	1.00	0.00	0.00	0.90	1.00	0.70	0.90
Mackay	I25	659980	5802903	2		0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.00
Mackay	I26	659844	5803187	5	450	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I27	659669	5803553	5	500	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I28	659672	5803565	5	450	0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00
Mackay	I29	659383	5803752	5	500	0.95	0.98	0.65	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I30	658946	5803959	5	500	0.95	0.98	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.75	0.90	0.00	0.00	0.80	1.00
Mackay	I31	658458	5804235	5	600	0.95	0.98	0.65	0.90	0.70	0.90	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.75	1.00
Mackay	I32	658321	5804334	5	900	0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I33	658026	5804456	5	500	0.95	0.98	0.65	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mackay	I34	657166	5804673	5	500	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.00	0.00
Mackay	I35	656737	5804722	5	450	0.95	0.98	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1.00
McKinley	K01	646304	5794936	5	800	0.90	0.92	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	K02	647275	5794692	5	1200	0.95	0.93	0.00	0.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	K03	648565	5794605	5	900	0.95	0.93	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential
McKinley	O01	651830	5777539	5	800	1.00	0.95	0.80	0.85	0.75	0.85	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.95
McKinley	O02	653095	5777190	5	500	1.00	0.95	0.80	0.90	0.80	0.90	1.00	0.75	0.80	0.00	0.00	0.80	0.95	0.80	0.95
McKinley	O03	652548	5777877	5	1000	1.00	0.95	0.70	0.70	0.80	0.90	1.00	0.00	0.00	0.6	0.80	0.70	0.00	0.80	0.80
McKinley	O04	651080	5780380	1		1.00	0.98	0.70	0.85	0.70	0.85	1.00	0.00	0.90	0.00	0.80	0.00	0.00	0.00	0.80
McKinley	O05	650432	5780979	5	600	1.00	0.98	0.90	0.80	0.90	0.80	1.00	0.85	0.80	0.90	0.90	0.85	0.85	0.60	0.80
McKinley	O06	649711	5781315	1		1.00	0.92	1.00	1.00	0.85	0.95	1.00	0.00	0.00	0.00	0.90	0.80	0.90	0.75	0.85
McKinley	O07	649650	5781837	5	800	1.00	0.98	0.75	0.95	0.70	0.90	1.00	0.90	0.95	0.70	0.90	0.90	0.95	0.60	0.90
McKinley	O08	648973	5782109	5	600	1.00	0.98	0.75	0.95	0.00	0.90	1.00	0.00	0.80	0.60	0.85	0.00	0.80	0.70	0.95
McKinley	O09	648741	5782184	1		1.00	0.98	0.85	0.95	0.75	0.90	1.00	0.00	0.00	0.60	1.00	0.00	0.00	0.60	0.90
McKinley	O10	648152	5782712	5	900	1.00	0.98	0.75	0.85	0.60	0.80	1.00	0.00	0.00	0.80	0.95	0.80	0.95	0.75	0.80
McKinley	O11	647935	5783353	5	1600	1.00	0.98	0.80	0.90	0.80	0.85	1.00	0.80	0.95	0.70	0.90	0.70	0.90	0.85	0.95
McKinley	O12	647216	5784352	5	300	1.00	0.98	0.85	1.00	0.85	1.00	1.00	0.80	1.00	0.80	1.00	0.80	0.85	0.95	1.00
McKinley	O13	646545	5785157	5	600	1.00	0.98	0.75	0.85	0.75	0.85	1.00	0.00	0.00	0.80	0.85	0.00	0.00	0.70	0.00
McKinley	O14	646386	5785267	5	800	1.00	0.98	0.80	0.95	0.75	1.00	1.00	0.60	0.00	0.70	0.95	0.70	0.00	0.75	0.00
McKinley	O50	649216	5791072	3	2100	0.95	0.95	0.70	0.90	0.80	0.90	0.95	0.80	0.90	0.70	0.90	0.70	0.90	0.70	0.90
McKinley	O51	658718	5786145	6		0.95	0.90	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00
McKinley	O53	658400	5786311	6		0.95	0.90	0.80	0.00	0.80	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.00	0.00
McKinley	O54	658453	5786430	6		0.95	0.90	0.85	1.00	0.70	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00
McKinley	O55	658330	5786477	6		0.95	0.90	0.80	1.00	0.80	1.00	0.95	0.85	1.00	0.75	1.00	0.85	1.00	0.00	0.00
McKinley	O51	658718	5786143																	
McKinley	O56	658313	5786472	6		0.95	0.90	0.75	1.00	0.80	1.00	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00
McKinley	O57	658219	5786465	6		0.95	0.90	0.75	1.00	0.80	1.00	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00
McKinley	O58	658046	5786439	6		0.95	0.90	0.70	1.00	0.80	1.00	0.95	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00
McKinley	O59	657879	5786425	6		0.95	0.90	0.85	1.00	0.85	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00
McKinley	O60	657873	5786463	6		0.95	0.90	0.80	1.00	0.70	1.00	0.95	0.85	1.00	0.00	0.00	0.75	1.00	0.75	1.00
McKinley	O61	658083	5786635	6		0.95	0.90	0.85	1.00	0.75	1.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1.00
McKinley	O62	658123	5786660	6		0.95	0.90	0.85	1.00	0.80	1.00	0.96	0.80	1.00	0.70	1.00	0.75	1.00	0.75	1.00
McKinley	O63	658236	5786898	6		0.95	0.90	0.75	1.00	0.80	1.00	0.95	0.90	1.00	0.70	1.00	0.00	0.00	0.00	0.00
McKinley	O64	658047	5786866	6		0.95	0.90	0.90	1.00	0.90	1.00	0.95	0.80	1.00	0.70	1.00	0.80	1.00	0.00	0.00
McKinley	O65	657933	5786847	6		0.95	0.90	0.75	1.00	0.85	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.00	0.00
McKinley	O66	657893	5786828	6		0.95	0.90	0.75	1.00	0.85	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.00	0.00
McKinley	O67	657737	5786813	6		0.95	0.90	0.70	1.00	0.80	1.00	0.95	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
McKinley	O68	657612	5786827	6		0.95	0.90	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.65	1.00	0.00	0.00	0.00	0.00
McKinley	O69	656345	5786925	5	1800	0.95	0.90	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential
McKinley	O70	656132	5786896																	
McKinley	O71	655605	5786937	5	500	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.85	1.00	0.85	1.00	0.85	1.00	0.85	1.00
McKinley	O72	655469	5786950	5	600	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.80	1.00	0.85	1.00	0.85	1.00	0.85	1.00
McKinley	O73	655299	5786919	5	500	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.80	1.00
McKinley	O74	655175	5786905	5	500	0.95	0.93	0.00	0.00	0.80	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
McKinley	O75	655022	5786896	5	600	0.95	0.93	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.70	1.00
McKinley	O76	654258	5786597	5	900	0.95	0.93	0.70	0.90	0.70	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.70	1.00
McKinley	O77	652778	5782657	5	500	0.95	0.98	0.75	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	O78	652009	5784156	5	1800	0.95	0.95	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	O79	652649	5784066	5	1200	0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	O80	653358	5786119	5	500	0.95	0.98	0.75	1.00	0.75	1.00	0.90	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
McKinley	O81	653380	5786713	5	1800	0.95	0.98	0.85	1.00	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	O82	652893	5788715	5	900	0.95	0.95	0.80	1.00	0.90	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	O83	649766	5790166	5	3000	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKinley	O84	649725	5790169	s.pt.																
McKinley	O85	648273	5788073	s.pt.																
McKinley	O86	643740	5780613																	
McKuskey	J100	655841	5790242	5	6	0.95	0.93	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J101	663430	5788986	s.pt.																
McKuskey	J102	662216	5789366	5	400	0.95	0.98	0.80	0.85	0.80	0.85	0.98	0.00	0.00	0.70	0.90	0.00	0.00	0.80	1.00
McKuskey	J103	661329	5789405	5	600	0.95	0.98	0.60	0.00	0.80	0.85	0.98	0.00	0.00	0.80	0.90	0.00	0.00	0.00	0.00
McKuskey	J104	660591	5789321	1		0.95	0.98	0.00	0.00	0.70	0.90	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.80
McKuskey	J105	660498	5789333	5	600	0.95	0.98	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.60	0.80	0.00	0.00	0.00	0.00
McKuskey	J106	660482	5789299	5	600	0.95	0.93	0.80	0.00	0.90	1.00	0.98	0.00	0.00	0.90	1.00	0.00	0.00	0.00	0.00
McKuskey	J107	660153	5789431	1		0.95	0.93	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J108	659666	5789489	5	400	0.95	0.93	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.80	0.90	0.00	0.00	0.85	0.90
McKuskey	J109	658872	5789801	5	450	0.95	0.93	0.70	0.90	0.75	0.90	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.80	1.00
McKuskey	J110	658710	5789858	5	800	0.95	0.93	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.8	1.00	0.00	0.00	0.00	0.00
McKuskey	J111	657298	5790655	5	800	0.95	0.93	0.60	0.80	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95
McKuskey	J112	656568	5790974	5	1000	0.95	0.93	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J113	654446	5794325	5	800	0.95	0.95	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J114	654394	5794877	1		0.95	0.95	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J115	655215	5794446	5	400	0.95	0.93	0.70	0.90	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J116	654394	5795116	1		0.98	1.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	
McKuskey	J117	653757	5795731	1		0.98	1.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J118	651735	5796605	1		0.98	1.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J119	650685	5797738	s.pt.																	
McKuskey	J120	651900	5798266	s.pt.																	
McKuskey	J121	652116	5798833	1		1.00	0.90	0.80	1.00	0.80	0.90	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J122	649737	5797992	s.pt.																	
McKuskey	J123	649184	5798442	5	600	0.98	1.00	0.70	0.95	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1.00
McKuskey	J124	648114	5800164	5	800	0.98	1.00	0.70	0.80	0.70	0.00	0.98	0.00	0.00	0.60	1.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J125	647204	5801760	5	300	0.98	10.00	0.70	0.00	0.70	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J126	646776	5801937	1		0.98	0.95	0.70	0.00	0.70	0.00	0.98	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J127	646864	5799789	5	600	1.00	0.98	0.70	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J01	651171	5795336	5	400	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J02	650845	5795292	5	400	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J03	650223	5796043	5	600	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J04	650072	5796203	5	600	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.80	0.90	0.90	1.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J05	650026	5796265	8		0.90	0.93	1.00	1.00	1.00	1.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J06	649941	5796314	5	450	0.95	0.93	0.95	1.00	0.95	1.00	0.95	0.90	1.00	0.00	0.00	0.90	1.00	0.00	0.00	0.00
McKuskey	J07	649546	5796548	5	600	0.95	0.93	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.80	1.00	0.00
McKuskey	J08	648128	5797178	4		0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J09	648344	5797049	6		0.95	0.90	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J10	648907	5796779	5	600	0.95	0.92	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
McKuskey	J11	648551	5797518	5	500	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.80	1.00	0.00
McKuskey	J12	648244	5798019	5	900	0.95	0.93	0.60	0.90	0.60	0.90	0.95	0.85	1.00	0.85	1.00	0.85	1.00	0.85	1.00	0.00
McKuskey	J13	647764	5798361	5	500	0.95	0.93	0.80	1.00	0.80	1.00	0.95	0.00	0.00	1.00	1.00	0.00	0.00	0.80	1.00	0.00
McKuskey	J14	647592	5798662	5	800	0.95	0.93	0.00	0.00	0.80	1.00	0.95	0.85	1.00	0.95	1.00	0.00	0.00	0.80	1.00	0.00
McKuskey	J15	647569	5799079	5	500	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.70	0.90	0.00
McKuskey	J16	647573	5799303	5	600	0.95	0.93	0.80	1.00	0.85	1.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.85	1.00	0.00
McKuskey	J17	647534	5799375	5	500	0.93	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.75	1.00	0.00
McKuskey	J18	647467	5799562	5	500	0.95	0.93	0.00	0.00	0.70	1.00	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.70	1.00	0.00
McKuskey	J19	647433	5799911	5	600	0.95	0.93	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00	0.00
McKuskey	J20	647194	5800861	5	500	0.95	0.93	0.80	1.00	0.80	1.00	0.98	0.85	1.00	0.80	1.00	0.00	0.00	0.70	1.00	0.00
McKuskey	J21	647199	5798045	s.pt.																	
McKuskey	J22	647098	5798204	5	600	1.00	0.95	0.80	1.00	0.80	1.00	1.00	0.00	0.00	0.90	1.00	0.00	0.00	0.90	1.00	0.00
McKuskey	J23	647136	5798381	5	600	1.00	0.95	0.85	1.00	0.85	1.00	1.00	0.00	0.00	0.90	1.00	0.00	0.00	0.95	1.00	0.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential
McKuskey	J24	647128	5798385	5	500	1.00	0.95	0.80	1.00	0.80	1.00	1.00	0.00	0.00	0.90	1.00	0.00	0.00	0.90	1.00
McKuskey	J25	646920	5799172	5	600	0.95	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.00	0.00
Moffat	MF10	630493	5779078	s.pt.																
Moffat	MF11	628656	5777940	5	500	0.85	0.93	0.80	0.90	0.80	0.90	0.85	0.00	0.00	0.70	0.70	0.70	1.00	1.00	1.00
Moffat	MF12	627643	5777737	1	bridge	0.85	0.93	0.60	0.80	0.60	0.00	0.85	0.00	0.00	0.70	0.90	0.70	0.80	0.70	0.50
Moffat	MF13	633423	5775973	5	600	0.95	0.93	0.70	0.85	0.60	0.70	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF14	632341	5776011	5	600	0.95	0.93	0.70	0.85	0.60	0.70	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF15	632097	5776281	5	600	0.80	0.93	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.90	1.00	0.00	0.00	0.00	0.00
Moffat	MF16	630522	5777021	5	400	0.80	0.93	0.65	0.00	0.65	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF17	601428	5772096	s.pt.																
Moffat	MF18	601536	5773693	s.pt.																
Moffat	MF19	601948	5775051	5	800	0.85	1.00	0.60	0.90	0.60	0.90	0.90	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
Moffat	MF2	632227	5779261	5	600	0.90	0.92	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1.00
Moffat	MF20	602509	5774672	5	400	0.85	0.80	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF21	602806	5776404	5	600	0.80	1.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.80
Moffat	MF22	603337	5777525	s.pt.																
Moffat	MF23	604250	5778956	5	600	0.80	1.00	0.70	0.80	0.70	0.00	0.80	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00
Moffat	MF24	604652	5780211	s.pt.																
Moffat	MF25	603100	5780966	s.pt.																
Moffat	MF26	603487	5780407	s.pt.																
Moffat	MF27	604523	5780621	s.pt.																
Moffat	MF28	605230	5780472	1	NA	0.80	1.00	0.00	0.00	0.00	0.00	0.90	0.70	0.70	0.00	0.00	0.70	0.00	0.70	0.70
Moffat	MF29	602577	5781953	5	1200	0.83	1.00	0.00	0.00	0.70	0.90	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF3	632228	5779278	5	900	0.90	0.92	0.70	1.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF30	603028	5789465	5	600	0.95	1.00	0.70	1.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	MF31	608179	5797512	s.pt.																
Moffat	MF4	632166	5779287	5	1000	0.90	0.92	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1.00
Moffat	MF5	632158	5779290	5	600	0.90	0.92	0.80	0.90	0.80	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
Moffat	MF6	631934	5779350	5	1000	0.90	0.92	0.80	1.00	0.70	0.00	0.85	0.00	0.00	0.75	0.90	0.00	0.00	0.75	0.90
Moffat	MF7	631743	5779316	5	1500	0.85	0.93	0.70	0.80	0.70	0.80	0.85	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00
Moffat	MF8	631627	5779358	5	600	0.85	0.93	0.70	0.00	0.70	0.80	0.85	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00
Moffat	MF9	631090	5779368	5	700	0.85	0.93	0.80	0.90	0.60	0.90	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	F01	626124	5784255	5	1200	0.95	0.92	0.60	0.80	0.60	0.80	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moffat	F02	627080	5784144	5	600	1.00	0.92	0.70	1.00	0.70	1.00	1.00	0.00	0.00	0.70	0.90	0.60	0.90	0.80	1.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	
Moffat	F03	627472	5784148	5	600	0.95	0.92	0.60	1.00	0.60	1.00	1.00	0.75	1.00	0.75	0.90	0.70	0.90	0.80	1.00	
Moffat	F04	627804	5784217	5	500	1.00	0.92	0.65	1.00	0.70	1.00	1.00	0.70	1.00	0.70	1.00	0.85	1.00	0.60	0.90	
Moffat	F05	627318	5786223	5	500	1.00	0.92	0.70	0.90	0.65	0.90	1.00	0.00	0.00	0.9	1.00	0.70	0.90	0.90	1.00	
Moffat	F06	627403	5786235	5	1400	1.00	0.92	0.00	0.00	0.00	0.00	1.00	0.75	0.80	0.75	0.80	0.80	0.80	0.75	0.80	
Moffat	F07	627845	5786080	5	600	1.00	0.92	0.80	1.00	0.70	1.00	1.00	0.70	0.90	0.70	0.90	0.00	0.00	0.70	1.00	
Moffat	F08	628381	5785005	5	800	0.80	0.93	0.70	0.90	0.00	0.00	1.00	0.00	0.00	0.90	1.00	0.00	0.00	0.90	1.00	
Moffat	F09	628219	5784834	5	800	0.95	0.93	0.60	0.90	0.70	0.90	0.95	0.00	0.00	0.70	0.90	0.00	0.00	0.70	0.90	
Moffat	F10	628230	5784775	5	1200	0.80	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.70	0.80	0.75	0.80	
Moffat	F11	628741	5783001	2	NA	0.80	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.90	
Moffat	G01	617528	5779443	5	600x2, 800	0.95	0.98	0.60	0.90	0.60	0.90	1.00	0.70	0.90	0.90	0.90	0.00	0.00	0.70	0.90	
Moffat	G02	611752	5784067	5	500	0.95	0.93	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G03	612287	5783046	5	500	0.95	0.93	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G04	612671	5781833	05-Jan	800	0.95	0.93	0.75	0.90	0.75	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G05	613280	5781901	5	600	0.95	0.93	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G06	613443	5781304	5	1200	0.95	0.95	0.85	1.00	0.80	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	0.90	
Moffat	G07	613471	5780733	5	600	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.60	0.90	0.00	0.00	0.70	0.90	0.00	0.00	
Moffat	G08	615242	5779696	5	600	0.95	0.95	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G09	616586	5779619	5	500	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G10	617131	5779257	5	1000	0.95	0.95	0.70	0.90	0.80	1.00	0.95	0.00	0.00	0.00	0.00	0.90	0.80	0.60	0.90	
Moffat	G11	616746	5778696	2	NA	0.95	0.98	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moffat	G12	614008	5779017	5	900	0.95	1.00	0.77	1.00	0.70	1.00	0.95	0.80	1.00	0.75	0.90	0.00	0.00	0.00	0.00	
Molybden	Q50	647290	5775258	s.pt.																	
Molybden	Q51	646997	5775433	5	600	0.95	0.92	0.60	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.00	
Molybden	Q52	646743	5775563	5	500	0.95	0.92	0.70	0.90	0.80	1.00	0.95	0.95	1.00	0.80	1.00	0.00	0.00	0.90	1.00	
Molybden	Q53	646548	5775742	5	600	1.00	0.92	0.90	0.90	0.80	0.90	1.00	0.00	0.00	0.80	0.90	0.00	0.00	0.90	1.00	
Molybden	Q54	646520	5775837	s.pt.																	
Molybden	Q55	646152	5776234	5	500	0.95	0.93	0.80	1.00	0.00	0.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.95	1.00	
Molybden	Q56	645900	5776713	5	600	0.95	0.93	0.80	1.00	0.70	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.90	1.00	
Molybden	Q57	645550	5777609	5	500	0.95	0.93	0.75	0.90	0.75	0.90	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.85	1.00	
Molybden	Q58	645293	5778029	5	500	0.95	0.93	0.80	1.00	0.70	1.00	0.90	0.00	0.00	0.85	1.00	0.00	0.00	0.90	1.00	
Molybden	Q59	645164	5778303	s.pt.																	
Molybden	Q60	645148	5778560	5	500	0.95	0.93	0.00	0.00	0.70	0.90	0.90	0.00	0.00	0.9	1.00	0.00	0.00	0.00	0.00	
Molybden	Q61	645331	5778748	s.pt.																	
Molybden	Q62	644907	5779151	5	500	0.95	0.93	0.75		1.00	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.90

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential			
Molybden	Q63	644890	5779340	5	500	0.95	0.93	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.00		
Molybden	Q64	644828	5779581	5	500	0.95	0.93	0.70	0.90	0.70	0.90	0.95	0.90	1.00	0.90	1.00	0.90	1.00	0.90	1.00	0.90	1.00	
Molybden	Q65	644704	5779575	s.pt.																			
Molybden	Q66	644516	5779678	s.pt.																			
Molybden	Q67	644229	5779847	5	600	0.95	0.93	0.70	0.90	0.70	0.90	0.95	0.70	1.00	0.90	1.00	0.00	0.00	0.90	1.00	0.90	1.00	
Molybden	Q68	644261	5780188	5	500	0.90	0.93	0.60	0.90	0.60	0.90	0.85	0.00	0.00	0.85	1.00	0.00	0.00	0.85	1.00	0.85	1.00	
Molybden	Q69	640215	5783098	5	600	0.95	0.92	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.95	1.00	0.95	1.00	
Molybden	Q70	640462	5783122	5	1200	0.95	0.92	0.70	0.90	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.90		
Molybden	Q71	641942	5782351	s.pt.																			
Molybden	Q72	641352	5782419	5	500	0.95	0.92	0.75	0.90	0.75	0.90	0.95	0.00	0.00	0.70	1.00	0.60	0.90	0.70	1.00	0.70	1.00	
Molybden	Q73	641036	5782560	5	500	1.00	0.92	0.70	0.90	0.95	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q74	640596	5783400	5	600	1.00	0.93	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.75	0.90	0.75	0.90	
Molybden	Q75	640499	5783900	5	900	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.70	1.00	0.00	0.00	0.80	1.00	0.75	0.90	0.75	0.90	
Molybden	Q76	639862	5784435	s.pt.																			
Molybden	Q77	640357	5784445	5	900	0.95	0.93	0.70	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q78	639768	5787994	3	1800	0.95	0.98	0.60	0.80	0.60	0.80	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q79	639848	5787225	5	600	0.95	0.98	0.75	0.90	0.75	0.90	0.95	0.90	1.00	0.00	0.00	0.85	1.00	0.00	0.00	0.00	0.00	
Molybden	Q80	640018	5787076	1	N/A	0.95	0.98	0.70	0.80	0.70	0.80	0.95	0.00	0.00	0.90	0.80	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q81	640404	5786849	1	N/A	0.95	0.98	0.70	0.80	0.70	0.80	0.95	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q82	640989	5786253	5	600	0.95	0.98	0.60	0.80	0.60	0.80	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q83	641136	5786223	2	N/A	0.95	0.98	0.60	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q84	641830	5786291	5	1000	0.95	0.98	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q85	643317	5786848	5	450	0.95	0.98	0.95	1.00	0.95	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
Molybden	Q86	643742	5786903	5	500	0.95	0.98	0.95	1.00	0.95	1.00	0.95	0.85	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	
Molybden	Q87	643924	5786878	5	500	0.95	0.98	0.00	0.00	0.90	1.00	0.95	0.00	0.00	0.95	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
Residual	L09	651792	5805581	5	600	0.95	0.93	0.00	0.00	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Residual	L10	651712	5805348	1	N/A	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Residual	L11	651834	5805199	1	N/A	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Residual	L12	652174	5804942	5	400	0.96	0.93	0.70	1.00	0.70	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	1.00	0.90	1.00
Residual	L13	652533	5804886	5	400	0.96	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Residual	L14	652409	5804469	5	800	0.99	0.93	1.00	1.00	0.70	0.90	0.95	0.00	0.00	0.70	0.90	0.00	0.00	0.00	0.00	0.00	0.00	
Residual	L15	652197	5803656	5	800	0.99	0.93	0.70	0.95	0.70	0.00	1.00	0.00	0.00	0	0.00	1.00	1.00	1.00	1.00	1.00	1.00	
Residual	L16	652375	5802311	5	600	0.99	0.93	0.70	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	
Residual	L17	652380	5802251	5	500	0.99	0.93	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	



## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	
Residual	L18	652710	5801949	5	600	1.00	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Residual	L20	651977	5801993	5x2	500	1.00	0.93	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
Residual	L21	651264	5801140	s.pt.																	
Residual	L22	651931	5801919	5	500	1.00	0.93	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
Residual	L01	635651	5797951	s.pt.																	
Residual	L50	639290	5800571	8	N/A	0.95	0.90	0.95	1.00	0.90	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual	L51	640098	5796388	s.pt.																	
Residual	L52	634109	5800922	s.pt.																	
Residual	L53	633814	5801019	4	N/A	0.95	0.80	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual	L54	633376	5800806	4	N/A	0.95	0.93	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual	L55	636759	5806196	5	600	0.95	0.95	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.70	1.00	
Residual	L56	636861	5804151	5	500	0.95	0.95	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00	
Residual	L57	636898	5804079	5	500	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.60	0.90	0.00	0.00	0.75	0.90	
Residual	L58	636935	5803738	4	N/A	0.95	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.90	1.00	
Residual	L59	637376	5802810	5	500	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual	N01	654674	5806476	1	NA	1.00	1.00	0.70	0.00	0.70	0.30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual	N02	653362	5806413	5	2400	0.95	1.00	0.87	0.95	0.80	0.95	0.95	0.00	0.00	0.60	0.95	0.60	0.80	0.00	0.00	0.00
Residual	N03	653191	5806341	5	500	0.95	1.00	0.70	0.80	0.70	0.80	0.95	0.00	0.00	0.60	0.90	0.00	0.00	0.00	0.00	0.00
Residual	N04	652924	5806224	5	500	0.95	1.00	0.70	0.95	0.70	0.90	0.95	0.00	0.00	0.60	0.80	0.00	0.00	0.70	1.00	0.00
Residual	N05	652845	5806151	5	600	0.95	1.00	0.70	0.85	0.70	0.85	0.95	0.00	0.00	0.70	0.90	0.00	0.00	0.70	0.90	0.00
Residual	N06	651794	5805652	5	600	0.95	1.00	0.80	0.95	0.70	1.00	0.95	0.00	0.00	0.60	1.00	0.00	0.00	0.75	1.00	0.00
Residual	N07	651674	5805600	5	600	1.00	1.00	0.80	0.95	0.80	0.95	1.00	0.00	0.00	0.60	0.95	0.00	0.00	0.70	0.95	0.00
Residual	N08	651261	5805592	5	600	1.00	1.00	0.60	0.90	0.60	0.90	1.00	0.00	0.00	0.60	0.85	0.00	0.00	0.70	0.90	0.00
Residual	N09	650992	5805604	5	600	1.00	1.00	0.60	1.00	0.70	0.95	1.00	0.00	0.00	0.75	1.00	0.00	0.00	0.60	1.00	0.00
Residual	N50	644956	5802679	5	800	0.95	1.00	0.80	1.00	0.75	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual	N51	644495	5802489	5x2	600	0.95	1.00	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.75	1.00	0.00
Residual	N52	643362	5801370	5	1000	0.95	1.00	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.85	1.00	0.00
Residual	N53	641471	5800229	5	800	0.95	1.00	0.60	0.90	0.60	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00	0.00
U-Horsefly	M01	668823	58108105	1	NA	1.00	0.92	0.80	0.90	0.80	0.95	1.00	0.80	0.90	0.90	0.95	0.80	0.90	0.90	1.00	0.00
U-Horsefly	M02	668664	5810807	5	600	1.00	0.92	0.60	0.95	0.60	0.95	1.00	0.90	1.00	0.95	1.00	0.90	0.95	0.95	1.00	0.00
U-Horsefly	M03	667620	5811955	5	600	1.00	0.92	0.60	1.00	0.60	1.00	1.00	0.85	1.00	0.95	1.00	0.85	1.00	0.90	1.00	0.00
U-Horsefly	M04	667607	5811996	5	600	1.00	0.95	0.00	0.00	0.00	0.00	1.00	0.85	1.00	0.95	1.00	0.85	1.00	0.90	1.00	0.00
U-Horsefly	M05	666619	5813147	1	NA	0.95	0.95	0.60	0.95	0.60	0.95	0.95	0.65	0.80	0.75	0.85	0.00	0.00	0.85	0.95	0.00
U-Horsefly	M06	663291	5813677	1	NA	0.95	0.95	0.75	0.80	0.60	0.80	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential
U-Horsefly	M50	668715	5810817	5	600	1.00	0.92	0.90	1.00	0.90	1.00	1.00	0.00	0.00	1.00	1.00	0.85	1.00	1.00	1.00
U-Horsefly	M51	668172	5810872	5	600	1.00	0.92	0.90	1.00	0.90	1.00	1.00	0.85	1.00	1	1.00	0.00	0.00	0.00	0.00
U-Horsefly	M52	668107	5810855	2	N/A	1.00	0.92	0.70	1.00	0.70	1.00	1.00	0.00	0.00	1.00	0.95	0.00	0.00	0.00	0.00
U-Horsefly	M53	667692	5811605	5	600	0.95	0.95	0.85	1.00	0.85	1.00	1.00	0.00	0.00	0.95	1.00	0.00	0.00	0.90	1.00
U-Horsefly	M54	667432	5812234	2	N/A	0.95	0.95	0.75	1.00	0.75	1.00	0.95	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00
U-Horsefly	M55	667338	5812346	5	600	0.95	0.95	0.85	1.00	0.85	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
U-Horsefly	M56	667283	5812387	5	1800	0.95	0.95	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	1.00	1.00
U-Horsefly	M57	667223	5812484	5	600	0.95	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.90	1.00
U-Horsefly	M58	666796	5812831	5	600	0.95	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.95	1.00	0.00	0.00	0.85	1.00
U-Horsefly	M59	666735	5812924	5	600	0.95	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.90	1.00
U-Horsefly	M60	666464	5813263	5	600	0.95	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.90	1.00
U-Horsefly	M61	666463	5813261	5	600	0.95	0.95	0.80	1.00	0.70	1.00	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.80	1.00
U-Horsefly	M62	665423	5813563	5x2	1200/1000	0.95	0.95	0.75	0.90	0.75	0.90	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.85	1.00
U-Horsefly	M63	664529	5813732	2	N/A	0.95	0.95	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	M64	663849	5813666	5	600	0.95	0.95	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	M65	663406	5813741	5	600	0.95	0.95	0.80	1.00	0.70	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00
U-Horsefly	M66	660407	5812492	2	N/A	0.95	0.95	0.70	0.80	0.70	0.80	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	M67	659555	5810738	2	N/A	0.95	0.95	0.70	0.80	0.70	0.80	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	M68	659043	5808783	2	N/A/	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.90	1.00	0.00	0.00	0.70	0.90
U-Horsefly	M69	658710	5808295	5x2	1000/600	0.95	0.95	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	M70	658308	5808033	5	800	1.00	0.95	0.90	1.00	0.90	1.00	0.95	0.00	0.00	1.00	1.00	0.00	0.00	0.90	1.00
U-Horsefly	M71	658106	5807907	5	600	1.00	0.95	0.70	0.90	0.90	1.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.80	1.00
U-Horsefly	M72	658074	5807889	5	600	1.00	0.95	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00
U-Horsefly	M73	657904	5807810	5	500	1.00	0.95	0.75	1.00	0.75	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.80	1.00
U-Horsefly	M74	657766	5807765	5	600	1.00	0.95	0.80	1.00	0.80	1.00	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.75	1.00
U-Horsefly	M75	657737	5807731	5	900	1.00	0.95	0.85	1.00	0.80	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.85	1.00
U-Horsefly	M76	657620	5807639	5x2	500	1.00	0.95	0.70	1.00	0.85	1.00	0.95	0.00	0.00	0.80	1.00	0.00	0.00	0.85	1.00
U-Horsefly	M77	657381	5807473	5	500	1.00	0.95	0.80	0.90	0.80	0.90	0.95	0.00	0.00	0.7	1.00	0.00	0.00	0.80	1.00
U-Horsefly	M78	659008	5807971	6	N/A	0.90	0.90	0.75	1.00	0.70	1.00	0.90	0.00	0.00	0.75	1.00	0.00	0.00	0.75	1.00
U-Horsefly	M79	658383	5807609	6	N/A	0.90	0.90	0.75	1.00	0.75	1.00	0.90	0.00	0.00	0.75	1.00	0.00	0.00	0.75	1.00
U-Horsefly	M80	658170	5807487	6	N/A	0.90	0.90	0.65	1.00	0.65	1.00	0.90	0.00	0.00	0.60	1.00	0.00	0.00	0.00	1.00
U-Horsefly	M81	657966	5807377	6	N/A	0.90	0.90	0.75	1.00	0.75	1.00	0.90	0.00	0.00	0.70	1.00	0.00	0.00	0.70	1.00
U-Horsefly	M82	657562	5807249	6	N/A	0.90	0.90	0.70	1.00	0.70	1.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	L02	658612	5809251	8	N/A	0.95	0.90	0.70	0.90	0.70	0.90	0.95	0.00	0.00	0.70	1.00	0.00	0.00	0.00	0.00

## Appendix 2. Completed field survey cards by watershed

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	
U-Horsefly	L03	658158	5808887	5	600	0.95	0.90	0.00	0.00	0.70	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	L04	658155	5808907	8	N/A	0.95	0.90	0.70	1.00	0.70	1.00	0.95	0.00	0.00	0.60	0.90	0.00	0.00	0.00	0.00	0.00
U-Horsefly	L05	658024	5808856	5	600	0.95	0.90	0.70	0.90	0.00	0.00	0.95	0.00	0.00	0.80	0.90	0.00	0.00	0.60	0.80	0.60
U-Horsefly	L06	657935	5808815	5	700	0.95	0.90	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.85	1.00	0.00	0.00	0.00	0.00	0.00
U-Horsefly	L07	657902	5808802	5	600	0.95	0.90	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.70	0.80	0.00	0.00	0.00	0.00	0.00
U-Horsefly	L08	657785	5808737	8	N/A	0.95	0.90	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Up_McKin	P01	659806	5779351	5	600	1.00	0.93	0.85	1.00	0.80	1.00	1.00	0.80	1.00	0.90	1.00	0.80	1.00	0.95	1.00	0.95
Up_McKin	P02	659031	5779407	5	1200	1.00	0.93	0.80	0.95	0.60	0.90	1.00	0.90	1.00	0.90	1.00	0.80	0.95	0.85	0.95	0.85
Up_McKin	P03	658651	5779404	7	N/A	0.95	0.90	0.90	1.00	0.90	1.00	0.95	0.75	0.85	0.80	1.00	0.80	1.00	0.75	1.00	0.75
Up_McKin	P04	658565	5779138	5	600	1.00	0.93	0.95	1.00	0.80	0.90	1.00	0.80	0.90	0.85	1.00	0.60	0.80	0.90	1.00	0.90
Up_McKin	P05	657455	5779540	5	600	1.00	0.93	0.85	0.85	0.85	0.95	1.00	0.80	1.00	0.80	1.00	0.70	0.80	0.00	0.00	0.00
Up_McKin	P06	657260	5779729	5	500	1.00	0.93	0.80	0.90	0.85	0.95	1.00	0.70	0.95	0.85	1.00	0.70	0.95	0.85	1.00	0.85
Up_McKin	P07	656644	5779780	5	600	1.00	0.93	0.85	0.95	0.85	0.95	1.00	0.00	0.00	0.75	0.95	0.00	0.00	0.75	0.90	0.75
Up_McKin	P08	656579	5779756	5	1000	1.00	0.93	0.75	0.90	0.75	0.85	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.00	0.85
Up_McKin	P09	656663	5778810	5	600	1.00	0.93	0.85	1.00	0.85	1.00	1.00	0.85	0.95	0.90	1.00	0.70	0.85	0.85	1.00	0.85
Up_McKin	P10	655530	5779292	5	600	1.00	0.93	0.75	0.80	0.70	0.85	1.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00
Up_McKin	P11	654782	5779231	5	1000	1.00	0.93	0.80	0.80	0.75	0.80	1.00	0.00	0.00	0.75	0.80	0.00	0.00	0.00	0.00	0.00
Up_McKin	P12	653825	5779147	7	N/A	1.00	0.92	0.90	1.00	0.90	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	1.00	0.80
Up_McKin	P13	653815	5779121	5	600	1.00	0.92	0.90	0.90	0.90	0.90	1.00	0.00	0.00	0.70	0.90	0.00	0.00	0.80	0.90	0.80
Up_McKin	P14	655390	5778466	5	800	1.00	0.93	0.80	0.80	0.80	0.80	1.00	0.00	0.00	0.70	0.90	0.00	0.00	0.00	0.00	0.00
Up_McKin	P15	653880	5780018	5	900	1.00	0.93	0.75	0.90	0.78	0.90	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Up_McKin	P16	653860	5780473	2	N/A	1.00	0.93	0.80	0.95	0.75	0.90	1.00	0.00	0.00	0.00	0.00	0.85	0.85	0.70	0.85	0.70
Up_McKin	P17	652679	5781619	1	N/A	1.00	0.98	0.70	0.90	0.75	0.90	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodjam	W01	615250	5789865	5	600	0.95	0.92	0.70	0.80	0.70	0.00	0.95	0.00	0.00	0.70	0.80	0.00	0.00	0.90	0.90	0.90
Woodjam	W02	614500	5789111	5	800	0.96	0.92	0.70	0.00	0.70	0.00	1.00	0.00	0.00	0.90	1.00	0.00	0.00	0.95	1.00	0.95
Woodjam	W03	614302	5788904	5	600	0.96	0.92	0.70	0.00	0.70	0.00	1.00	0.00	0.00	0.70	0.80	0.00	0.00	0.80	0.90	0.80
Woodjam	W04	614008	5788221	5	800	1.00	0.92	0.70	0.00	0.70	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodjam	W05	615462	5788069	s. pt.																	
Woodjam	W06	613665	5787858	1	NA	0.95	0.92	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodjam	W07	612619	5787655	1	800	0.94	0.92	0.75	1.00	0.00	0.00	0.95	0.00	0.00	0.75	1.00	0.00	0.00	0.70	0.90	0.70
Woodjam	H01	619224	5790348	s. pt.																	
Woodjam	H02	618965	5790518	5	900	0.95	0.92	0.70	0.90	0.70	0.90	1.00	0.00	0.00	0.70	0.90	0.00	0.00	0.70	0.90	0.70
Woodjam	H03	617437	5790138	5	600	1.00	0.92	0.85	0.90	0.85	1.00	1.00	0.00	0.00	0.70	0.90	0.00	0.00	0.90	1.00	0.90
Woodjam	H04	617460	5790143	5	600	1.00	0.92	0.70	0.90	0.70	0.90	1.00	0.00	0.00	0.65	0.90	0.00	0.00	0.70	0.90	0.70

**Appendix 2. Completed field survey cards by watershed**

Sub-Basin	Cross-ing ID	UTM Easting	UTM Northing	Struc-ture type	Size of Culvert	Erod-ibility of Sub-strate	Road use Level	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Sub-strate	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	Erosion level	Delivery Potential	
Woodjam	H05	617106	5789981	1	NA	0.95	0.92	0.00	0.00	0.75	1.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodjam	H06	616227	5789826	5	800	1.00	0.92	0.80	0.90	0.70	0.90	1.00	0.00	0.00	0	0.00	0.00	0.00	0.80	1.00	
Woodjam	H07	616127	5789819	5	800	1.00	0.92	0.75	0.90	0.75	0.90	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Woodjam	H08	613186	5787569	5x2	500	1.00	0.92	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.80	1.00	0.00	0.00	0.00	0.00	

## Appendix 2. Completed field survey cards by watershed

### Stream Crossing Quality Index Survey - Page 2

Date of Survey: \_\_\_\_\_

Sub-Basin name: \_\_\_\_\_

Surveyor: \_\_\_PB and BF\_\_\_\_\_

Calculated Results	Other Crossing Information											
	Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)
0.36	Low	Mackay	I100	3	3	1	1	1	0	n		
0.00	s.pt	Mackay	I101									
0.02	None	Mackay	I102	4	3	1	1	1	0	n		
0.02	None	Mackay	I103	3	5	1	1	5	0	n		
0.02	None	Mackay	I104	5	3	1	1	5	0	n		
0.02	None	Mackay	I105	4	2	1	1	5	0	n		
0.02	None	Mackay	I106	4	3	1	1	5	0	n		
0.02	None	Mackay	I107	4	1	1	1	5	0	n		
0.41	Med	Mackay	I108	3	3	1	1	5	0	n		
0.95	High	Mackay	I109	3	5	1	1	5	0	n		
0.19	Low	Mackay	I110	3	6	1	1	5	0	y		
0.04	Low	Mackay	I111	5	3	1	1	5	0	n		
0.18	Low	Mackay	I112	2	6	1	1	1	200	n		
0.37	Low	Mackay	I113	4	4	1	2	1	0	n		
0.30	Low	Mackay	I114	5	3	1	2	1	0	n		
0.19	Low	Mackay	I115	2	6	1	2	1	200	n		
0.04	Low	Mackay	I116	3	6	1	2	1	100	n		
0.18	Low	Mackay	I117	4	4	1	2	1	0	n		
0.19	Low	Mackay	I118	3	5	1	2	2	30	n		
0.64	Med	Mackay	I119	2	4	1	1	1	0	y		
0.02	s.pt	Mackay	I120									
0.02	None	Mackay	I121	4	3	1	1	5	0	n		
0.81	High	Mackay	I122	3	4	1	2	1	20	n		
0.86	High	Mackay	I123	3	6	1	2	1	40	n		
0.02	s.pt	Mackay	I01									
0.20	Low	Mackay	I02	2	3	1	1				n	
0.90	High	Mackay	I03	4	2	1	2	1	0	n	y	
0.90	High	Mackay	I04	5	2	1	2	1	0	n	y	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.55	Med	Mackay	I05	5	2	1	2	1	0	n	y	
0.72	Med	Mackay	I06	3	6	1	2	1	0	y	y	
0.70	Med	Mackay	I07	4	6	1	2	1	0	n	y	
0.52	Med	Mackay	I08	4	3	1	2	1	15	n	y	
0.60	Med	Mackay	I09	5	2	1	2	1	30	n	y	
0.41	Med	Mackay	I10	4	4	1	2	1	0	n	y	
0.41	Med	Mackay	I11	3	6	1	1	1	0		n	
0.95	High	Mackay	I12	4	2	1	2	1	0	n	y	
0.55	Med	Mackay	I13	4	4	2	2	1	0	n	y	
0.90	High	Mackay	I14	4	4	1	3	1	70	n	y	
0.61	Med	Mackay	I15	4	5	1	2	1	30	n	y	
0.62	Med	Mackay	I16	4	5	1	2	1	10	n	y	
0.51	Med	Mackay	I17	3	5	1	1	1	0		n	
0.38	Low	Mackay	I18	4	6	1	3	1	90	n	y	
0.46	Med	Mackay	I19	4	6	1	3	1	80	n	y	
0.32	Low	Mackay	I20	4	4	1	2	1	20	n	y	
0.61	Med	Mackay	I21	3	4	1	2	1	0	n	y	
0.23	Low	Mackay	I22	4	3	2	2	1	0	y	y	
0.02	None	Mackay	I23	4	2	1	2	2	0	n	n	
0.86	High	Mackay	I24	2	6	1	1	1	0		n	
0.38	Low	Mackay	I25	2	3	1	1	1	0		n	
0.48	Med	Mackay	I26	4	3	2	1	1	0	y	y	
0.48	Med	Mackay	I27	3	5	2	2	2	35	n	y	
0.22	Low	Mackay	I28	5	3	1	2	1	0	y	y	
0.13	Low	Mackay	I29	5	4	1	2	1	30	n	y	
0.43	Med	Mackay	I30	4	6	1	3	1	100	n	y	
0.22	Low	Mackay	I31	5	6	1	2	1	0	n	y	
0.02	None	Mackay	I32	3	5	1	3	1	210	n	y	
0.13	Low	Mackay	I33	4	4	1	3	1	110	n	y	
0.55	Med	Mackay	I34	4	2	1	2	1	0	n	y	
0.54	Med	Mackay	I35	4	2	1	1	1	0	n	y	
0.02	None	McKinley	K01	3	2	1	2	1	15	n	y	
0.39	Low	McKinley	K02	3	2	1	2	1	0	n	y	
0.22	Low	McKinley	K03	4	1	1	1	1	0	y	n	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.43	Med	McKinley	O01	4	2	1	2	1	0			
0.57	Med	McKinley	O02	4	3	1	2	2	15			
0.42	Med	McKinley	O03	4	4	1	2	1	10			
0.30	Low	McKinley	O04	3	3	1	1	1	0			
0.67	Med	McKinley	O05	4	2	1	2	1	40			
0.92	High	McKinley	O06	5	3	0	2	1	0			
0.86	High	McKinley	O07	4	3	1	2	1	50			
0.43	Med	McKinley	O08	4	2	1	2	1	25			
0.54	Med	McKinley	O09	3	3	1	1	1	0			
0.49	Med	McKinley	O10	4	3	1	2	1	0			
0.64	Med	McKinley	O11	4	4	1	2	1	0			
0.95	High	McKinley	O12	4	6	1	2	1	25			
0.42	Med	McKinley	O13	5	5	1	2	1	30			
0.48	Med	McKinley	O14	4	4	1	3	1	90			
0.38	Low	McKinley	O50	3	2	1	1	1	0			
0.48	Med	McKinley	O52	4	6	1	1	1	0			
0.42	Med	McKinley	O53	5	6	1	1	1	0			
0.48	Med	McKinley	O54	4	6	1	1	1				
0.60	Med	McKinley	O55	4	6	1	1	1				
0.00	s.pt	McKinley	O51									
0.42	Med	McKinley	O56	4	6	1	1	1				
0.42	Med	McKinley	O57	4	6	1	1	1				
0.35	Low	McKinley	O58	4	6	1	1	1				
0.59	Med	McKinley	O59	4	6	1	1	1				
0.56	Med	McKinley	O60	4	6	1	1	1				
0.47	Med	McKinley	O61	4	6	1	1	1				
0.63	Med	McKinley	O62	4	6	1	1	1				
0.86	High	McKinley	O63	5	6	1	1	1				
0.82	High	McKinley	O64	4	6	1	1	1				
0.47	Med	McKinley	O65	4	6	1	1	1				
0.47	Med	McKinley	O66	4	6	1	1	1				
0.35	Low	McKinley	O67	4	4	1	1	1				
0.47	Med	McKinley	O68	4	2	1	1	1				
0.02	None	McKinley	O69	3	4	1	3	1	70			

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.00	s.pt	McKinley	O70									
0.86	High	McKinley	O71	4	3	1	2	1	10			
0.80	High	McKinley	O72	4	2	1	2	1	10			
0.42	Med	McKinley	O73	4	2	1	2	1	35			
0.52	Med	McKinley	O74	4	2	1	2	1	40			
0.36	Low	McKinley	O75	4	2	1	2	1	0			
0.36	Low	McKinley	O76	4	4	1	2	1	30			
0.30	Low	McKinley	O77	4	2	3	2	2	30			
0.02	None	McKinley	O78	3	2	1	2	1	0			
0.02	None	McKinley	O79	3	4	1	2	1	0			
0.49	Med	McKinley	O80	4	4	1	2	1	0			
0.48	Med	McKinley	O81	2	3	1	2	1	50			
0.41	Med	McKinley	O82	4	2	1	2	2	0			
0.29	Low	McKinley	O83	3	2	1	2	1	0			
0.00	s.pt	McKinley	O84									
0.00	s.pt	McKinley	O85									
0.00	s.pt	McKinley	O86									
0.02	None	McKuskey	J100	1	1	1	2	1	0	n	y	
0.00	s.pt	McKuskey	J101									
0.48	Med	McKuskey	J102	5	4	1	3	1	0	n	n	
0.37	Low	McKuskey	J103	4	3	1	2	1	0	n	n	
0.13	Low	McKuskey	J104	2	6	1	1	1	0			
0.02	None	McKuskey	J105	4	3	1	2	1	0			
0.88	High	McKuskey	J106	4	3	50	2	2	20	n	n	
0.02	None	McKuskey	J107	3	3	1	1	1	0			
0.23	Low	McKuskey	J108	5	3	1	2	1	0			
0.37	Low	McKuskey	J109	5	3	1	2	1	0	n	n	
0.37	Low	McKuskey	J110	4	3	1	2	1	20	n	n	
0.20	Low	McKuskey	J111	4	2	1	3	1	50	n	n	
0.02	None	McKuskey	J112	3	2	0	1	1	0	y	n	
0.02	None	McKuskey	J113	4	1	1	2	1	0	n	n	
0.02	None	McKuskey	J114	2	1	1	1	1				
0.13	Low	McKuskey	J115	3	1	1	2	1	0	y	y	
0.02	None	McKuskey	J116	2	2	1	1	1				



## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.02	None	McKuskey	J117	3	2	1	1	1				
0.02	None	McKuskey	J118	2	2	1	1	1				
0.00	s.pt	McKuskey	J119									
0.00	s.pt	McKuskey	J120									
0.40	Med	McKuskey	J121	2	3	0	1	1				
0.00	s.pt	McKuskey	J122									
0.41	Med	McKuskey	J123	4	1	0	2	1	0	n	n	
0.18	Low	McKuskey	J124	3	2	0	2	1	0	n	y	
0.02	None	McKuskey	J125	3	1	0	2	1	0	n	y	
0.02	None	McKuskey	J126	1	1	0	1	1	0			
0.02	None	McKuskey	J127	3	6	0	2	3	0	n	y	
0.02	None	McKuskey	J01	4	2	4	3	1	25	y	y	
0.02	None	McKuskey	J02	4	2	2	2	1	5	y	n	
0.02	None	McKuskey	J03	4	4	1	3	1	100	n	y	
0.86	High	McKuskey	J04	4	3	1	3	1	70	n	y	
0.89	High	McKuskey	J05	4	2	1	2					
0.89	High	McKuskey	J06	4	2	1	2	2	0	y	y	
0.85	High	McKuskey	J07	4	2	1	2	1	0	n	y	
0.36	Low	McKuskey	J08	4	4	2	2	1	0		n	
0.38	Low	McKuskey	J09	4	3	1	1	1			n	
0.02	None	McKuskey	J10	4	1	1	2	2	0	y	y	
0.39	Low	McKuskey	J11	4	2	1	2	2	40	n	y	
0.86	High	McKuskey	J12	4	2	1	3	1	130	n	y	
0.95	High	McKuskey	J13	4	3	1	2	1	35	n	y	
0.90	High	McKuskey	J14	4	5	1	2	1	0	n	y	
0.21	Low	McKuskey	J15	4	3	2	2	1	10	n	y	
0.60	Med	McKuskey	J16	4	3	1	2	1	35	n	y	
0.22	Low	McKuskey	J17	4	3	1	2	1	35	n	y	
0.36	Low	McKuskey	J18	4	3	1	2	1	0	n	y	
0.47	Med	McKuskey	J19	4	4	1	3	1	70	n	y	
0.67	Med	McKuskey	J20	4	2	1	2	1	15	n	y	
0.00	s.pt	McKuskey	J21									
0.90	High	McKuskey	J22	5	6	1	3	1	1000	n	y	
0.95	High	McKuskey	J23	4	6	1	3	1	20	n	y	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.90	High	McKuskey	J24	6	6	1	3	1	250	n	y	
0.86	High	McKuskey	J25	3	6	1	3	1	0	n	y	
0.00	s.pt	Moffat	MF10									
0.85	High	Moffat	MF11	5 (small)	1	0	1	1	0	n	n	
0.00	s.pt	Moffat	MF12	2	2	0	1	1	0	NA	NA	
0.08	Low	Moffat	MF13	3	2	0	3	1	20	n	y	
0.08	Low	Moffat	MF14	5	2	0	3	1	20	n	n	
0.38	Low	Moffat	MF15	4	1	0	2	1	17	n	n	
0.02	None	Moffat	MF16	beaver pond	1	0	3	1	30	n	y	
0.00	s.pt	Moffat	MF17									
0.00	s.pt	Moffat	MF18									
0.21	Low	Moffat	MF19	4	1	0	2	1	0	n	y	
0.19	Low	Moffat	MF2	5	1	0	1	1	0	y	n	
0.02	None	Moffat	MF20	4	1	0	2	1	0	n	n	
0.02	None	Moffat	MF21	5	1	0	2	1	0	n	n	
0.00	s.pt	Moffat	MF22									
0.20	Low	Moffat	MF23	5	1	0	0	1	0	n	n	
0.00	s.pt	Moffat	MF24									
0.00	s.pt	Moffat	MF25									
0.00	s.pt	Moffat	MF26									
0.00	s.pt	Moffat	MF27									
0.02	None	Moffat	MF28	3	1	0	1	1	NA	NA	n	1491-1494
0.08	Low	Moffat	MF29	3	2	0	2	1	10	n	y	
0.13	Low	Moffat	MF3	5	1	0	1	1	0	y	n	
0.34	Low	Moffat	MF30									
0.00	s.pt	Moffat	MF31									
0.19	Low	Moffat	MF4	4	2	0	1	1	0	y	n	
0.85	High	Moffat	MF5	4	2	0	1	1	0	y	n	
0.40	Low	Moffat	MF6	4	2	0	1	1	0	n	n	
0.21	Low	Moffat	MF7	3	2	0	2	1	0	y	y	
0.21	Low	Moffat	MF8	5	2	0	1	1	0	n	n	
0.13	Low	Moffat	MF9	5 (small)	2	0	1	1	0	n	n	
0.20	Low	Moffat	F01	4	1	1	1	1	0	n	n	
0.52	Med	Moffat	F02	4 (small)	2	1	2	1	0	n	y	211: #1

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.64	Med	Moffat	F03	4 (small)	2	1	2	1	0	y	y	
0.85	High	Moffat	F04	4 (small)	2	1	2	1	0	n	y	
0.90	High	Moffat	F05	4 (med)	2	1	2	1	0	y	y	211. 2-03, 3- BB, 4-1
0.20	Low	Moffat	F06	3 (small)	2	1	2	1	0	y	y	
0.48	Med	Moffat	F07	4 (small)	2	1	2	1	0	n	y	
0.90	High	Moffat	F08	4 (med)	4	1	2	1	20	n	y	211. 4-0ACK BY
0.19	Low	Moffat	F09	5	2	1	2	1	0	n	y	
0.18	Low	Moffat	F10	4 (large)	2	1	1	1	0	y	n	
0.19	Low	Moffat	F11	3	1 up/3 down	NA	2	1	NA	NA	n	
0.55	Med	Moffat	G01	3 (small)	2	1	2	1	10	n	n	211. 5-0B 4-1
0.22	Low	Moffat	G02	4 (small)	1	1	2	1	0	n	y	
0.22	Low	Moffat	G03	4 (small)	1	1	2	1	25	n	y	
0.31	Low	Moffat	G04	4 (large)	1	4	3	2	0	y	y	
0.22	Low	Moffat	G05	4 (med)	1	2	1	1	0	y	n	
0.60	Med	Moffat	G06	4 (large)	1	2	1	1	0	n	n	
0.36	Low	Moffat	G07	4 (med)	2	1	2	1	0	n	y	
0.22	Low	Moffat	G08	4 (small)	2	1	2	1	0	n	y	
0.29	Low	Moffat	G09	4 (small)	2	1	2	1	0	n	y	
0.47	Med	Moffat	G10	3 (small)	2	1	2	1	0	n	y	211: 6-LF
0.02	None	Moffat	G11	2 (large)	2	NA	1	1	NA	NA	n	
0.54	Med	Moffat	G12	4 (med)	2	1	2	1	0	n	y	
0.00	s.pt	Molybden	Q50									
0.38	Low	Molybden	Q51	5	3	1	2	1	30	n	y	ditch
0.90	High	Molybden	Q52	4 (small)	2	1	2	1	0	n	y	
0.90	High	Molybden	Q53	5 (small)	3	1	2	1	25	n	y	
0.02	None	Molybden	Q54									
0.90	High	Molybden	Q55	4 (small)	3	1	2	1	N/A/	n	y	ditch
0.86	High	Molybden	Q56	4 (small)	4	1	2	1	10	n	y	
1.00	High	Molybden	Q57	4 (small)	4	1	2	1	15	n	y	
0.53	Med	Molybden	Q58	4 (small)	4	1	2	1	15	n	y	
0.00	s.pt	Molybden	Q59									
0.38	Low	Molybden	Q60	4 (small)	4	1	2	1	30	n	y	
0.00	s.pt	Molybden	Q61									
0.35	Low	Molybden	Q62	4 (small)	2	1	2	1	0	n	y	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.36	Low	Molybden	Q63	4 (med)	2	1	2	1	10	n	y	
0.91	High	Molybden	Q64	4 (large)	1	1	2	1	0	n	y	215.18-03 below culvert
0.00	s.pt	Molybden	Q65									
0.00	s.pt	Molybden	Q66									
0.86	High	Molybden	Q67	4 (med)	2	1	2	1	0	n	y	215.21- L.P.D.L. 22
0.28	Low	Molybden	Q68	4 (med)	2	1	2	1	15	n	y	
0.90	High	Molybden	Q69	4 (large)	3	1	2	1	10	n	y	
0.23	Low	Molybden	Q70	3 (small)	4	1	2	1	20	n	y	
0.00	s.pt	Molybden	Q71									
0.37	Low	Molybden	Q72	4 (med)	2	1	2	1	0	n	y	
0.87	High	Molybden	Q73	4 (small)	3	1	2	1	0	n	y	
0.30	Low	Molybden	Q74	4 (large)	2 up/4 down	1	2	1	60	n	y	
0.44	Med	Molybden	Q75	3 (small)	3	1	2	1	50	n	y	
0.00	s.pt	Molybden	Q76									
0.13	Low	Molybden	Q77	3 (small)	2	1	2	1	50	n	y	
0.21	Low	Molybden	Q78	4 (large)	2	1	2	1	0	y	n	
0.86	High	Molybden	Q79	4 (med)	2	1	3	1	90	n	y	
0.31	Low	Molybden	Q80	3	2	N/A	1	1	N/A	N/A	n	
0.24	Low	Molybden	Q81	3	2	N/A	1	1	N/A	N/A	n	215:23:00
0.21	Low	Molybden	Q82	4 (large)	2	1	2	1	0	n	y	
0.13	Low	Molybden	Q83	2	2	N/A	1	1	N/A	N/A	n	215:24-Ds
0.30	Low	Molybden	Q84	4 (large)	2	1	2	1	0	n	y	
0.93	High	Molybden	Q85	4 (med)	5 up/3 down	1	2	1	0	n	y	
0.95	High	Molybden	Q86	4 (med)	4	1	2	1	40	n	y	210. 1,2-back ditab
0.90	High	Molybden	Q87	4 (small)	3	1	2	1	10	n	y	
0.04	Low	Residual	L09	3	1	0	2	2	0	n	y	
0.02	None	Residual	L10	2	1	0	1	1	N/A	N/A	N/A	
0.02	None	Residual	L11	3	2	0	1	1	N/A	N/A	N/A	
0.86	High	Residual	L12	4	1	0	2	1	0	n	n	
0.02	None	Residual	L13	4	1	0	2	1	0	n	y	
0.92	High	Residual	L14	3	1	20	3	1	100	y	y	1658-1660
1.00	High	Residual	L15	3	2	50	3	2	50	y	y	1661-1664
1.00	High	Residual	L16	5	1	0	2	1	0	n	n	
1.00	High	Residual	L17	4	1	0	3	1	10	n	y	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
1.00	High	Residual	L18	4	2	0	3	1	20	n	y	1666-70
1.00	High	Residual	L20	4	2	0	3	1	10	n	y	
0.00	s.pt	Residual	L21									
1.00	High	Residual	L22	5	2							
0.00	s.pt	Residual	L01									1642-43
0.81	High	Residual	L50	1	2	N/A	1	1	N/A	N/A	n	212: 8-L road
0.00	s.pt	Residual	L51									
0.00	s.pt	Residual	L52									
0.02	None	Residual	L53	4 (small)	4	3	2	1	0	N/A	n	
0.02	None	Residual	L54	4 (small)	5	3	2	1	0	N/A	n	212:10:00
0.39	Low	Residual	L55	4 (med)	2	1	2	1	0	y	y	
0.48	Med	Residual	L56	4 (med)	2	2	2	1	0	y	n	
0.36	Low	Residual	L57	4 (med)	2	1	2	1	0	n	y	
0.86	High	Residual	L58	4 (large)	3	3	2	2	0	N/A	y	
0.29	Low	Residual	L59	4 (med)	2	1	2	1	30	n	y	
0.00	s.pt	Residual	N01	2	3	N/A	1	1	N/A	N/A	n	
0.48	Med	Residual	N02	4	3	1	2	1	0	y	y	
0.24	Low	Residual	N03	5	3	1	2	1	0	n	n	
0.37	Low	Residual	N04	5	3	1	2	1	5	n	n	210: 6-LF
0.36	Low	Residual	N05	5	3	1	2	1	0	y	n	
0.48	Med	Residual	N06	4	5	1	2	1	0	n	y	
0.81	High	Residual	N07	4	6	1	2	2	40	n	n	
0.31	Low	Residual	N08	4	6	1	2	1	40	n	n	
0.47	Med	Residual	N09	5	3	1	2	1	30	n	y	
0.46	Med	Residual	N50	3 (small)	3	1	3	1	70	n	y	
0.45	Med	Residual	N51	4 (large)	3 up/2 down	1	2	1	30	n	y	
0.45	Med	Residual	N52	3 (small)	3	2	2	1	0	y	y	212: 21-US
0.31	Low	Residual	N53	4 (large)	3	2	2	1	30	n	y	
0.90	High	U-Horsefly	M01	3	2	N/A	1	1	N/A	N/A	n	FD
0.95	High	U-Horsefly	M02	5	6	1	2	1	17	n	n	210: 3-RB
0.95	High	U-Horsefly	M03	5	6	1	2	1	15	n	n	
0.95	High	U-Horsefly	M04	5	6	1	2	2	20	n	n	210: 4-RB
0.42	Med	U-Horsefly	M05	3	4	N/A	1	1	N/A	N/A	n	210: 5-LF
0.08	Low	U-Horsefly	M06	3	5	N/A	1	1	N/A	N/A/	n	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
1.00	High	U-Horsefly	M50	5	5	1	2	1	30	n	y	212: 12,13
1.00	High	U-Horsefly	M51	5	5	1	2	1	0	n	y	
0.95	High	U-Horsefly	M52	2 (small)	3	1	1	1	N/A	N/A	n	
0.95	High	U-Horsefly	M53	5	5	1	3	1	50	n	y	212: 15-US, 16-DB ditch
0.40	Med	U-Horsefly	M54	4 (large)	5	N/A	1	1	N/A	N/A	n	
0.82	High	U-Horsefly	M55	4 (small)	4	1	2	1	0	n	y	
0.95	High	U-Horsefly	M56	4 (large)	5	1	2	1	0	n	y	212: 17-back
0.86	High	U-Horsefly	M57	4 (small)	3	2	2	1	0	y	y	
0.90	High	U-Horsefly	M58	5	6	1	2	1	20	y	n	
0.86	High	U-Horsefly	M59	5	6	1	2	1	0	n	n	
1.00	High	U-Horsefly	M60	4 (small)	4	1	2	1	0	n	y	
0.53	Med	U-Horsefly	M61	4 (small)	3	1	2	1	30	n	y	
0.48	Med	U-Horsefly	M62	4 (large)	6 up/3 down	1	2	1	0	n	y	
0.35	Low	U-Horsefly	M63	2 (small)	5	1	1	1	N/A	N/A	n	
0.02	None	U-Horsefly	M64	4 (med)	5	1	2	1	40	n	y	
0.48	Med	U-Horsefly	M65	4 (med)	6 up/3 down	1	2	1	0	n	y	
0.23	Low	U-Horsefly	M66	2 (large)	3	N/A	1	1	N/A	N/A	n	
0.23	Low	U-Horsefly	M67	2 (large)	2	N/A	1	1	N/A	N/A	n	
0.86	High	U-Horsefly	M68	2 (small)	5	N/A	1	1	N/A	N/A	n	
0.29	Low	U-Horsefly	M69	3 (small)	6	1	3	1	200	n	y	
0.95	High	U-Horsefly	M70	4	4	1	2	1	20	n	y	RBDL
0.86	High	U-Horsefly	M71	4(med)	6	1	3	1	6	n	y	
0.81	High	U-Horsefly	M72	4 (med)	6	1	3	1	120	n	y	
0.59	Med	U-Horsefly	M73	4 (small)	4	1	3	1	50	n	y	
0.81	High	U-Horsefly	M74	4 (small)	4	1	2	1	0	n	y	
0.81	High	U-Horsefly	M75	4 (med)	5	1	2	1	30	n	y	
0.81	High	U-Horsefly	M76	4 (small)	4	1	2	1	0	y	n	
0.54	Med	U-Horsefly	M77	4 (med)	5	1	2	1	0	n	y	
0.36	Low	U-Horsefly	M78	3 (large)	6	N/A	1	1	N/A	N/A	n	212: 20-R road
0.41	Med	U-Horsefly	M79	4 (med)	5	N/A/	1	1	N/A	N/A	n	
0.24	Low	U-Horsefly	M80	4 (small)	4	N/A	1	1	N/A	N/A	n	
0.40	Med	U-Horsefly	M81	4 (large)	5	N/A/	1	1	N/A	N/A	n	
0.29	Low	U-Horsefly	M82	4 (large)	6	N/A	1	1	N/A	N/A	n	
0.31	Low	U-Horsefly	L02	4	2	0	1	N/A	N/A	N/A	N/A	

## Appendix 2. Completed field survey cards by watershed

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.08	Low	U-Horsefly	L03	4	3	0	2	1	0	n	y	
0.31	Low	U-Horsefly	L04	3	3	0	1	N/A	N/A	N/A	N/A	1649-1650
0.21	Low	U-Horsefly	L05	5	2	0	2	1	0	n	n	
0.38	Low	U-Horsefly	L06	5	2	0	2	1	0	n	n	
0.02	None	U-Horsefly	L07	5	2	0	2	1	10	n	n	
0.02	None	U-Horsefly	L08	3	5	0	1	N/A	N/A	N/A	N/A	1651-52
0.95	High	Up_McKin	P01	5	6	1	2	1	25	y	n	
0.90	High	Up_McKin	P02	3	4	1	2	1	25	n	y	210: 14-B
0.82	High	Up_McKin	P03	4	4	N/A	2	N/A	N/A	N/A	n	
0.90	High	Up_McKin	P04	4	2	1	2	1	5	y	y	210: 15-B
0.64	Med	Up_McKin	P05	4	2	1	2	1	0	y	y	
0.85	High	Up_McKin	P06	4	3	2	2	2	0	y	y	
0.80	High	Up_McKin	P07	4	2	1	2	1	5	n	n	
0.85	High	Up_McKin	P08	3	2	1	2	1	0	y	y	
0.90	High	Up_McKin	P09	5	3	1	2	1	5	n	n	
0.13	Low	Up_McKin	P10	4	3	1	2	1	30	n	y	
0.19	Low	Up_McKin	P11	4	2	1	2	1	40	n	y	
0.88	High	Up_McKin	P12	4	2	N/A	2	N/A	N/A	N/A	n	210:16:00
0.56	Med	Up_McKin	P13	4	4	1	2	1	0	n	y	210: 12&13
0.37	Low	Up_McKin	P14	3	2	1	2	1	60	n	y	
0.33	Low	Up_McKin	P15	4	2	1	2	1	0	n	n	
0.47	Med	Up_McKin	P16	2	2	N/A	1	1	N/A	N/A	n	
0.34	Low	Up_McKin	P17	2	2	N/A	1	1	N/A	N/A	n	
0.39	Low	Woodjam	W01	5	3	0	2	1	0	n	n	
0.95	High	Woodjam	W02	4 (small)	3	0	2	1	10	y	n	1495-1497
0.23	Low	Woodjam	W03	5	2	0	2	1	0	n	n	
0.02	None	Woodjam	W04	4	2	0	2	1	0	y	n	
0.00	s.pt	Woodjam	W05									
0.02	None	Woodjam	W06	2	1	0	1	1	NA	NA	NA	1497-1508
0.38	Low	Woodjam	W07	5	2	0	2	1	0	y	n	
0.00	s.pt	Woodjam	H01									
0.35	Low	Woodjam	H02	4	4	2	2	1	0	y	y	
0.90	High	Woodjam	H03	5	3	1	2	1	25	n	y	
0.36	Low	Woodjam	H04	5	3	1	2	1	25	n	y	

**Appendix 2. Completed field survey cards by watershed**

Crossing Erosion Score	WQCR	Sub-basin	Crossing ID	Stream width Class	Stream gradient Class	% Structure plugged	Fish Passage Concerns	Functional condition of the structure to pass water and debris	Culvert drop outfall (cm)	Substrate in Culvert (y/n)	Channel constriction (y/n)	Photos
0.34	Low	Woodjam	H05	4	3	NA	1	1	NA	NA	n	211.7-LE CROSS
0.46	Med	Woodjam	H06	4	5	1	2	1	20	n	y	
0.34	Low	Woodjam	H07	4	6	1	2	1	0	y	y	
0.38	Low	Woodjam	H08	4 (small)	1	1	2	1	0	n	n	