

CROSSING ID:							
Field Crew:				Date:		Time:	
LOCATION		Datum:		Zone:			
Easting (m):		Northing (m):		Elevation (from mapping):		Other notes:	
CURRENT WEATHER:		Wind:		Air Temp:		Precipitation:	
						Cloud Cover (%):	
Recent Weather Events:							
CONSTRUCTION		Construction Phase (circle one):		Pre-Construction		During Construction	
						Post-Construction	
Type of Activity:				Equipment in Use:			
Date Construction Began:							
Is the crossing location changing? (ie. is the crossing moving upstream or downstream of its original location? How far? Which direction?)							
SITE SKETCH, NOTES, REMARKS: (ie. high water table, high turbidity, natural bank erosion, water colour, char observed in stream, algae in water, etc.)							
Is there anything unique about this crossing compared to other watercourses? (ie. steep banks, clay in water, etc.)							
Substrate Particles % Areal Coverage (est.) % sand/silt/clay (<2mm) % gravel (2 - 64 mm) % cobble (64 - 256 mm) % boulder (> 256 mm) % bedrock				Riparian Vegetation and Shading (describe):			
IN SITU TURBIDITY READINGS (complete at least one measurement upstream and downstream of crossing)							
Meter Make and Model:							
Location	Distance from crossing (m)	Turbidity (NTU)	Time	Location	Distance from crossing (m)	Turbidity (NTU)	Time
Upstream				Upstream			
Crossing				Crossing			
Dwnstrm				Dwnstrm			
FLOW ESTIMATES		Location :					
High Water Width (m):		Distance between points (m):					
Wetted Channel Width:		Time (min): /					
Approx. Average Depth:		Surface velocity estimate:					
		Average Velocity (0.8 ⁽¹⁾ x Surface Velocity) (V) =					
Note (1) - depends on substrate composition: 0.8 for rough, loose rocks or coarse gravel / 0.9 for smooth mud, sand, or hard pan rock							
PHOTOS: (upstream, crossing, downstream)							
NOTES:							

**MARY RIVER PROJECT - TOTE ROAD UPGRADE
WATERCOURSE CROSSING MONITORING DATA FORM**

CROSSING ID:											
Construction Duration:				Start:				Finish:			
		Environmental Inspector:				Start (Date and Time):			Finish (Date and Time):		
Env. Inspector on-site during in-water work:											
LOCATION		Datum:				Zone:					
Easting (m):		Northing (m):				Elevation (from mapping):			Other notes:		
FISH ASSESSMENT PRIOR TO CONSTRUCTION						Date of Inspection:					
Fish Present?		Y / N		If Yes, distance from crossing:				US / DS			
Spawning Arctic Char present at crossing?		Y / N		(If yes, contact biologist)							
Spawning site present 20 m upstream or downstream of crossing?		Y / N									
CHANNEL CHARACTERISTICS		Date Measured:									
		Pre-Construction						Post Construction			
Location	Distance	Width (m)		Water Depth (m)			Width (m)		Water Depth (m)		
		Wetted	High W	Max	Avg.		Wetted	High W	Max	Avg.	
Crossing											
Upstream											
Dwnstrm											
SEDIMENT AND EROSION CONTROL MEASURES											
Measure installed:								Date installed:			
								Dated removed:			
								Turbidity monitored Y / N			
Measures taken to stabilise disturbed areas:											
CROSSING INSTALLATION DETAILS											
1.2 m	culverts			lengths of culvert			Notes:				
1.0 m	culverts			lengths of culvert							
0.5 m	culverts			lengths of culvert							
PHOTOS <i>View across crossing, view from upstream, view from downstream and any other to illustrate conditions.</i>											
	Photo #	Date	Direction	Vantage point				Photo #	Date	Direction	Vantage point
Before across from US from DS							After across from US from DS				
During across from US from DS							Sed Con across from US from DS				
NOTES											

I:\102-00181-10\Assignment\Report\Report 4, Rev. 0 - Fish Habitat Compensation\Appendix F\Appendix F2 -Watercourse Crossing Monitoring Data Form.xls>Data Sheet