

Appendix 14-1

Mitigation Inspections at Watercourse Crossings

Mitigation Inspections	Project Stage		
	Pre-Construction/ Maintenance	Construction and Maintenance	Post-Construction/ Maintenance
Construction and Maintenance Inspections			
<i>Deleterious Substances Storage, Spill Prevention and Removal</i>			
▪ Spill clean-up kits are present on site	✓	✓	✓
▪ Storage and waste containers, including fuel, are located a minimum of 100 m from the high water mark	✓	✓	✓
▪ Storage and waste containers are intact/sealed and clearly labeled	✓	✓	✓
▪ Waste containers are of sufficient volume for materials requiring disposal	✓	✓	✓
▪ Secondary containment is present where necessary and functioning as intended	✓	✓	✓
▪ Hazardous waste is being removed from the site regularly		✓	✓
▪ Spills/leaks are cleaned up		✓	✓
▪ All waste (hazardous and non-hazardous) has been removed from site			✓
<i>Construction and Maintenance Equipment, Machinery and Materials</i>			
▪ Designated vehicle/equipment maintenance and wash down areas are located a minimum of 100 m from the high water mark	✓		
▪ Designated vehicle/equipment fuelling areas are located a minimum of 100 m from the high water mark	✓		
▪ Construction vehicles and equipment are clean and free of leaks	✓	✓	✓
▪ Equipment and vehicles are being maintained and refuelled a minimum of 100 m from the high water mark.		✓	✓
▪ All construction equipment and materials have been removed			✓
▪ All temporary stream crossings or diversions have been removed			✓
<i>Erosion and Sediment Control</i>			
▪ Appropriate erosion and sediment control measures are in place	✓		
▪ Erosion and sediment control materials are on site and available for immediate use (e.g., silt fencing, polyethylene sheeting)	✓		
▪ Erosion is not occurring (e.g., washouts, rilling, slumping)		✓	✓
▪ Water quality downstream matches upstream (turbidity) (e.g., sediment plume visible in nearby watercourses; site runoff is visibly turbid)		✓	✓
▪ Existing drainage is adequately managing site run off (e.g., runoff is directed away from surfaces that are susceptible to erosion)		✓	✓
▪ Stockpiled materials (e.g., overburden, soil piles) are stored away from watercourses and adequately protected		✓	✓
▪ Erosion and sediment control measures have been properly installed		✓	✓
▪ Erosion and sediment control measures are adequately maintained and functioning as intended (e.g., no excessive sediment accumulation behind silt fencing and or		✓	✓

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check dams; Interceptor/diversion ditches are intact with no visible signs of channel erosion)			
Sensitive Areas			
<ul style="list-style-type: none"> ▪ Construction limits and/or any sensitive areas are clearly marked(e.g., soft floodplains, unstable banks) 	✓	✓	✓
<ul style="list-style-type: none"> ▪ Clearing limits are clearly marked prior to vegetation removal near watercourses 	✓		
<ul style="list-style-type: none"> ▪ Riparian clearing is conducted within the designated area; no vegetation damage or removal outside clearing limits 		✓	✓
Working In/Near Watercourses			
<ul style="list-style-type: none"> ▪ Heavy equipment remains above the high water mark 		✓	✓
<ul style="list-style-type: none"> ▪ During in-stream works, downstream flows are maintained at all times 		✓	✓
<ul style="list-style-type: none"> ▪ Pump intakes used in fish bearing waters are screened 		✓	✓
<ul style="list-style-type: none"> ▪ Pumps are discharged onto a non-erodible surface, such as geotextile or rock apron 		✓	✓
<ul style="list-style-type: none"> ▪ Work is taking place in accordance with appropriate timing windows for the protection of fish and fish habitat as per regulatory guidelines and/or approvals 		✓	✓
Remediation			
<ul style="list-style-type: none"> ▪ Disturbed areas and slopes adequately restored and stabilized (rip rap, seeding, plantings, etc.) 			✓
<ul style="list-style-type: none"> ▪ Crossing sites are physically stable; no visible signs of channel or bank erosion, slumping, etc. 			✓
<ul style="list-style-type: none"> ▪ Vegetation growth/survival in seeded/planted areas 			✓