

Existing Conditions, Mitigation, and Commitments

Environmental factors were assessed during the Preliminary Design Study to determine existing conditions and to identify mitigation measures to minimize and/or address potential impacts associated with the proposed works. Additional field work has been undertaken to update information and identify changes to statutory requirements, based on the Approved Plan.

Contract documentation will include general environmental management and specific components to address environmental mitigation related to the following components:

Noise	Air Quality	Archaeology
Fisheries and Aquatic Habitat	Vegetation	Wildlife Habitat
Groundwater Resources	Surface Water	Erosion and Sediment Control
Management of Excess Material	Property Contamination	Utility Relocation / Mitigation

The Environmental Management Plan is an integral component of the Design-Build Project and includes:

- Environmental protection/mitigation
- Environmental monitoring for compliance with identified commitments and approvals during construction
- Addressing the potential for traffic disruption during construction
- Measures to mitigate emergency service issues associated with temporary loss or restriction of access
- Ongoing communication during construction, by way of the project website, to inform the public of the potential for delays
- Advanced signage and notification prior to the start of construction activities
- A Protocol to address environmental issues that arise during construction



Example of erosion control measures

