
8.0 ENVIRONMENTAL EFFECTS ASSESSMENT

In this chapter, the potential environmental effects of the Project during the Construction, Operation, and Decommissioning, Reclamation and Closure phases, including the cumulative environmental effects of the Project in combination with other past, present or reasonably foreseeable future projects or activities, are evaluated for each of the valued environmental components (VECs) identified in Section 4.4 and as described by the Terms of Reference (Stantec 2012a). Additionally, as required by *CEAA*, the potential environmental effects arising from credible accidents, malfunctions and unplanned events are assessed. The following is a list of VECs, and the sub-sections where each is addressed.

- Atmospheric Environment: Section 8.2.
- Acoustic Environment: Section 8.3.
- Water Resources: Section 8.4.
- Aquatic Environment: Section 8.5.
- Terrestrial Environment: Section 8.6.
- Vegetated Environment: Section 8.7.
- Wetland Environment: Section 8.8.
- Public Health and Safety: Section 8.9.
- Labour and Economy: Section 8.10.
- Community Services and Infrastructure: Section 8.11.
- Land and Resource Use: Section 8.12.
- Current Use of Land and Resources for Traditional Purposes by Aboriginal Persons: Section 8.13.
- Heritage Resources: Section 8.14.
- Transportation: Section 8.15.
- Effects of the Environment on the Project: Section 8.16.
- Accidents, Malfunctions, and Unplanned Events: Section 8.17.

The environmental effects assessment follows the methodology outlined in Chapter 5 of this EIA Report.

