

## 8.1 PROJECT INTERACTIONS WITH THE ENVIRONMENT

To determine the potential for interactions between the Project and the environment, a qualitative ranking system is employed. The interaction between the Project and each VEC is ranked based on the following ranking system according to the professional judgment and experience of the Study Team and their knowledge of the Project, the receiving environment, and the potential interactions.

-- = No substantive interaction is identified between the VEC and the activities carried out in the identified Project phase.

✓ = Interaction may occur between the VEC and the activities carried out in the identified Project phase; the potential environmental effects are considered in greater detail in this report.

The potential interactions are displayed in Table 8.1.1. Further discussion of the potential interactions is provided in the sub-sections which follow below where each VEC is assessed in detail.

**Table 8.1.1 Potential Interactions of the Project with the Environment**

Project Phase	Atmospheric Environment	Acoustic Environment	Water Resources	Aquatic Environment	Terrestrial Environment	Vegetated Environment	Wetland Environment	Public Health and Safety	Labour and Economy	Community Services and Infrastructure	Land and Resource Use	Current Use of Land and Resources for Traditional Purposes by Aboriginal Persons	Heritage Resources	Transportation	Effects of Environment on the Project	Accidents, Malfunctions, and Unplanned Events
Construction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Decommissioning, Reclamation and Closure	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓	--	✓	✓	✓
<b>KEY:</b>																
-- No substantive interaction is identified between the VEC and the activities carried out in the identified Project phase.																
✓ Interaction may occur between the VEC and the activities carried out in the identified Project phase; the potential environmental effects are considered in greater detail in the EIA.																

