

11. Approvals

This section of the EA Study Report outlines the additional approvals expected to be required following EA approval of the proposed undertaking.

It is anticipated that the following approvals will be required:

- An amendment to the existing ECA No. A420018 for the landfill site is required prior to construction and operation of the landfill expansion. The information required to support this ECA (Waste) application includes a Design and Operations Report. The Design and Operations Report will describe the design and development plans for Stages 3B and 4, including environmental control measures, daily operations and maintenance, contingency measures, site closure, and post-closure monitoring and maintenance. An updated estimate of the financial assurance for the EOWHF will also be included.
- An amendment to the Industrial Sewage Works ECA No. 3962-AQPJDP (previously 4299-9U8PV6) issued under the OWRA is required prior to construction and operation of the enhanced SWM system. This ECA covers the existing SWM system including perimeter channel and stormwater ponds. An amendment is necessary to incorporate the additional on-site drainage features, modifications to the perimeter channel and the two new stormwater ponds. This ECA amendment application will be supported by a SWM report (i.e., design brief). The SWM report will demonstrate that post-development run-off will not exceed pre-development values up to the 100 year storm and the achievement of 80% TSS removal.
- An amendment to the Industrial Sewage Works ECA No. 3962-AQPJDP will be required in order to increase the approved treatment capacity of the existing LTF from the current 200,000 m³/year (547 m³/day) to approximately 267,000 m³/year (730 m³/day) to treat additional leachate volumes generated by the landfill expansion. The rated capacity of the existing facility is 304,000 m³/year (833 m³/day). The supporting documentation will include a surface water impact assessment.
- An amendment to the ECA (Air) No. 1387-7QUGFA will be required for the expansion of the LFG collection system and for the addition of a second enclosed flare. An amendment to the ECA (Air) No. 5665-8STRV7 will be required if additional LFG combustion engines are added to the gas to energy facility.