

**Resolute Bay Landfill Remediation and Risk Management
Nunavut Water Board NWB 1BR-RBL1419 Renewal Application
Summary**

Transport Canada plans to consolidate, close and cap two historical landfills, and remove waste from a metal/vehicle storage area at the Resolute Bay Airport.

The two landfills and storage area, also known as Areas of Environmental Concern (AEC), are AEC 1 - Solid Waste Landfill, AEC 2 – Historic Landfill, and AEC 3 – Vehicle Storage Area.

In the summer of 2018, Transport Canada completed the following:

- Collected all hazardous waste materials visible on the surface (such as items with lead paint, oil, solvents etc.) and shipped part of it to a licensed hazardous waste disposal facility; and
- Collected and consolidated all non-hazardous waste visible on the surface of AEC 2 (except for the steel) and AEC 3 into AEC 1.

In the summer/fall of 2019, Transport Canada intends to complete the following:

- Ship the remaining collected hazardous waste materials to a licensed hazardous waste disposal facility;
- Collect and consolidate the steel from AEC 2 into AEC 1;
- Develop one or more borrow sites on the airport property to create the gravel required for the landfill capping;
- Stabilize the landfill slopes at AEC 2 and AEC 1, along with grading and construction of drainage swales at both locations;
- Excavate approximately 125 m³ of contaminated soil from AEC 3 and dispose at an approved facility;
- Cap both landfills with a layer of gravel to minimize water infiltration; and
- Install sampling wells for groundwater monitoring.

Transport Canada plans to complete this work by March 31, 2020. The site will be monitored to make sure the capping is effective and that impacts to the environment have been reduced.