



EXECUTIVE SUMMARY
Amendment Request – Water Licence 1BR-KIV1621
FOX-D Kivitoo Remediation Project

Indigenous and Northern Affairs Canada (INAC) would like to request an amendment to the Water Licence issued for the FOX-D Kivitoo Remediation Project (1BR-KIV1621).

FOX-D Kivitoo was an intermediate Distant Early Warning (DEW) Line Site constructed in 1957 and operated until October 1963. The site is located on the Davis Strait, 50 km to the west of Qikiqtarjuaq, the nearest community.

The proposed water licence amendment includes a revised remedial plan for an existing dump (APEC 9-1), to excavate the materials from the dump instead of regrading them in place. The proposed amendment also includes adjustments to quantities of contaminated soil and non-hazardous waste and hazardous waste. Additional delineation of contaminated soil areas in 2016 and the decision to excavate the materials from APEC 9-1 are the primary reasons for these adjustments.

The amendment includes proposed changes for the remedial plan of concrete and painted rocks. As the paint on the rocks is below the leachable lead criterion of 5 mg/kg, the revised plan for aesthetic purposes is to dispose of the painted rocks within an excavation at the upper site. It is proposed to demolish concrete to grade elevation and regrade in place.

The proposed amendment includes increasing the camp size of 30 to a maximum of 35 people, increasing water use (6 m³/day) and waste water (blackwater 10,500 L/day and greywater 2,800 L/day).