

## **Appendix E**

### **Executive Summary of Water Licence 1BR-RES0916 Application Renewal (2016)**

Resolution Island BAF-5 is located at the south-eastern tip of Baffin Island, approximately 310 km southeast of Iqaluit and just outside Frobisher Bay. It was part of the Pole Vault Line, used to transmit intercepted northern signals to southern military stations. This site was operated from 1953 to 1972 when the site was vacated by the U.S. Air Force. The site occupies an area of approximately 3 square km, and while in operation, over 200 people were stationed there. Over 20 buildings, eight dump sites, over 4000 barrels, and large amounts of visible debris were left on site. A series of environmental assessments conducted from 1985-1997 identified and delineated contamination on the site. The site was highly contaminated with PCBs from electrical equipment in the communications complex buildings, many buildings contained asbestos, and soils contaminated with hydrocarbons, lead, cobalt, mercury, and copper were also found. From 1997 to 2005 the site was under active remediation.

In 2006, following the clean-up and remediation of the site, a 25-year long-term monitoring program was implemented based on the plan approved by the Nunavut Water Board titled *Resolution Island Long Term Monitoring Program (December, 2003)*. Since 2006 annual monitoring of the site has been conducted.

This renewal request is to extend the current water licence allowing the continuation of the post-closure long-term monitoring program in accordance with the plan approved by the NWB entitled “Resolution Island Monitoring Program” dated December 31, 2003. This amendment applies to the current Water Licence (1BR-RES0916).