

*FOX-4, Cape Hooper DEW Line Site
Maintenance Assessment Summary*

From 1955 to 1993, the Distant Early Warning - DEW Line – system provided radar surveillance of the polar approaches to North America using a chain of 42 radar stations. As the North American Air Defence System was upgraded, some of the DEW Line sites were upgraded or dismantled. The former FOX-4, Cape Hooper DEW Line Site was abandoned and cleaned up in 1998.

AS part of the on-going monitoring requirements at the site, a maintenance assessment is to be completed in the summer of 2010 to determine if there are any additional maintenance requirements at the site. The FOX-4 maintenance assessment activities will include the following:

- Collection of soil samples to around existing landfills.
- Collection of water samples, where available.
- Geophysical survey of landfills to confirm lateral extent of buried waste.
- Identification of potential sources of granular material.
- Completion of topographic and location surveys.

The existing airstrip will be used to access the site and the existing roads will be utilized for vehicular traffic on site. The proposed assessment activities are not anticipated to impact any of the existing roads, landing strips, streams, or other features and structures located at the site.

A temporary camp will be set up at the site to facilitate the assessment activities. The outfitter contract for the camp operation will be put out for tender in the spring of 2010. Major equipment requirements will include items such as ATVs and trailers, a mini-excavator, and satellite phones and radios. Typically, domestic garbage is incinerated and the residual waste is buried along with sewage.

Bear monitors from nearby communities will be employed for wildlife management during the site investigation.

Upon completion of the investigation work, all excavated test pits will be backfilled; and camp facilities, equipment and excess fuel will be removed from the site.