

Appendix I

Follow Up on Inspection Report – Compliance Plan

Year: 2011

Reference: 3BC-ALT1015.

CFS Alert Waste Water Treatment Facility

A. Sampling for August 2011

CFS Alert was inspected by Aboriginal Affairs and Northern Development Canada (formerly INAC) on July 20-21, 2011; the Inspector issued an Inspector's Direction to fulfill sampling of ALT-3 (Alert's Waste Water Treatment Facility) for the entire month of August.

Status: Corrective action was taken immediately during the Inspection to enable sampling. The interim sampling report is included in Appendix B. At the time of this Annual Report submission, the interim report was submitted which contains the raw data results and a map of the terrace sampling locations. The final report from Fleming College will be received at the end of the fiscal year (March 31, 2012). The final report will be submitted to the Inspector as required.

Please see Appendix B.

CFS Alert Secondary Containment at ALT-8 (Airfield Tank Farm)

A. Lead Concentration

During freshet sampling in the secondary containment at ALT-8 (Tanks 5A & 6A) in June 2011, lead concentrations had exceeded licence criteria; the Inspector was contacted and confirmatory re-sampling was conducted (please see Appendix C). Freshet was not discharged in June 2011. Analysis of the fuel storage tank paint chips in ALT-8 revealed lead concentrations.

Status: Corrective action will be taken by the Department of National Defence to remove the lead-based paint (to be properly handled, shipped and disposed to 8 Wing/CFB Trenton, ON) and to repaint the tanks in non-lead paint. An 8 Wing Construction Engineering Project File number has been raised, PF#78092. A Portable Water Treatment Unit capable of filtering heavy metals was shipped to CFS Alert and now available to treat any contaminated freshet.

Please see Appendix D for more details.

B. Repair of Secondary Containment

During the July 2011 Inspection, concerns were raised by the licensee representatives to the Inspector regarding the integrity of the secondary containment as the June freshet was no longer present. The Inspector advised the licensee representatives to investigate the soil down gradient for freshet.

Status: Sampling was conducted and the licensee representatives suspected a breach in the secondary containment. An 8 Wing Construction Engineering Project File number has been raised, PF#78106, to assess, repair or replace the secondary containment at ALT-8 (see Appendix D).

To anticipate the 2012 freshet (June) at ALT-8, the licensee representatives plan to conduct water sampling and analysis during the onset of spring snowmelt and to utilize the Portable Water Treatment Unit to filter/treat the freshet (with confirmatory sampling taken on the water being discharged as described in Appendix D) before the base of the secondary containment can thaw to reveal the breach.