

APPENDIX B
NON-TECHNICAL PROJECT DESCRIPTION

APPENDIX B: NON-TECHNICAL PROJECT PROPOSAL SUMMARY

The CAM-5, Mackar Inlet, Distant Early Warning (DEW) Line Site was closed in 1992 during the North Warning System (NWS) upgrades. As part of the DEW Line Cleanup Project, the Department of National Defence has committed to the decommissioning and removal of surplus facilities and wastes at CAM-5. The CAM-5 clean-up is currently scheduled to begin in 2003.

Prior to all DEW Line Cleanup (DLCU) activities, a detailed site investigation is undertaken to provide information to be used in the reclamation design. Preliminary site investigations were undertaken in 1990 and 1992 at CAM-5. In 2000 a detailed site investigation was undertaken to delineate environmental impacts discovered in the previous investigations and included the following activities:

1. Collection of soil samples to delineate known areas of contaminated soil.
2. Collection of water samples including surface and groundwater samples.
3. Collection of structural materials samples (to determine concentrations of PCB and lead in paint and asbestos in insulating materials).
4. Collection of soil and water samples to determine background concentrations of investigation parameters.
5. Inventory of buildings and facilities on site.
6. Identification of surface debris areas.
7. Geophysical survey of landfills to determine lateral extent of buried waste.
8. Identification of potential sources of granular material required for the clean up activities.
9. Identification of potential locations for site disposal facilities, storage areas, construction camp, etc. required for clean up activities.
10. Completion of topographic and location surveys.

A site investigation revisit to Mackar Inlet is scheduled during the months of July and/or August of 2002 to collect additional information required to complete the remediation design. This information will supplement that collected during the 2000 detailed site investigation to the site and will include the following:

1. Collection of soil samples to delineate known areas of contaminated soil. Subsurface samples will be collected from test pits excavated using a mini-excavator.
2. Collection of additional information on the environmental status of existing landfills including baseline landfill monitoring data.
3. Collection of water samples including surface and groundwater samples. If required, temporary groundwater wells may be installed in test pits.
4. Additional geophysical surveys to determine the lateral extent of buried debris.
5. Completion of topographic and location surveys.

A site investigation camp for approximately 15 people will be established in a previously disturbed area adjacent to the airstrip. Site investigation camps typically consist of a laboratory, kitchen, washroom facility and sleeping quarters; all typically housed in weather havens or soft sided tents.

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