

Appendix D

Landfill Monitoring - North Landfill

**The Collection of Landfill Monitoring Data at the PIN-3 Lady
Franklin Point Site – 2006 Report**

APPENDIX D West Landfill

D.1 North Landfill

D.1.1 Landfill Summary

The North landfill is located approximately 650 m northwest of the main facilities. The buried material at the landfill exists in three lobes with a estimated combined area of 28,000 m² and an estimated depth of 1.0 m. The three lobes are herein referred to as the East Cell, Centre Cell and the West Cell. The location of the landfill is shown on Figure D-1. Prior to remediation, DCC has classified this landfill as a low potential environmental risk. Remediation of this landfill included re-grading with the placement of additional granular fill.

There is no monitoring instrumentation installed at this location.

D.1.2 Visual Monitoring

Based on the visual inspection, the North Landfill area appears to be in good condition and continues to function as designed. The granular cover over all three cells is relatively low profile (i.e., a couple of meters proud of natural topography at most) and the side slopes are shallow. The granular cover appears show no evidence of problematic or degraded conditions. Bedrock is at or near surface throughout the area.

Minor rutting, which appears to be associated with equipment traffic, was observed at several locations. None of the ruts appear to warrant remediation at this time and show no evidence of recent degradation or risk of further degradation.

The overall performance of the landfill is considered acceptable. There is no as-built survey data available for this landfill.

D.1.3 Soil Sampling

Soil sampling was not scheduled for the 2006 monitoring year. The next soil sampling event will be 2007.

**The Collection of Landfill Monitoring Data at the PIN-3 Lady
Franklin Point Site – 2006 Report**

APPENDIX D West Landfill

Figure D-1 West Landfill

Appendix D Attachments

D1 Site Condition/Visual Inspection Records

D2 Geotechnical Inspection Photographic Records

D3 Field Notes

Appendix D1

Site Condition/Visual Inspection Records

Appendix D2

Geotechnical Inspection Photographic Records

Appendix D3

Field Notes