Baffinland Iron Mines Corporation

September 4, 2020
Project #: TC190307

Annual Geotechnical Inspections – 2020 Report 1.

APPENDIX "B" – Milne Inlet Port Site - Photographs

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Milne Inlet Port Site

1.1 Hazardeous Waste Disposal Areas - (HWB-1 to HWB-4)

a) HWB-1

Figure 53: View of the well organized interior of the HWB-1 cell.

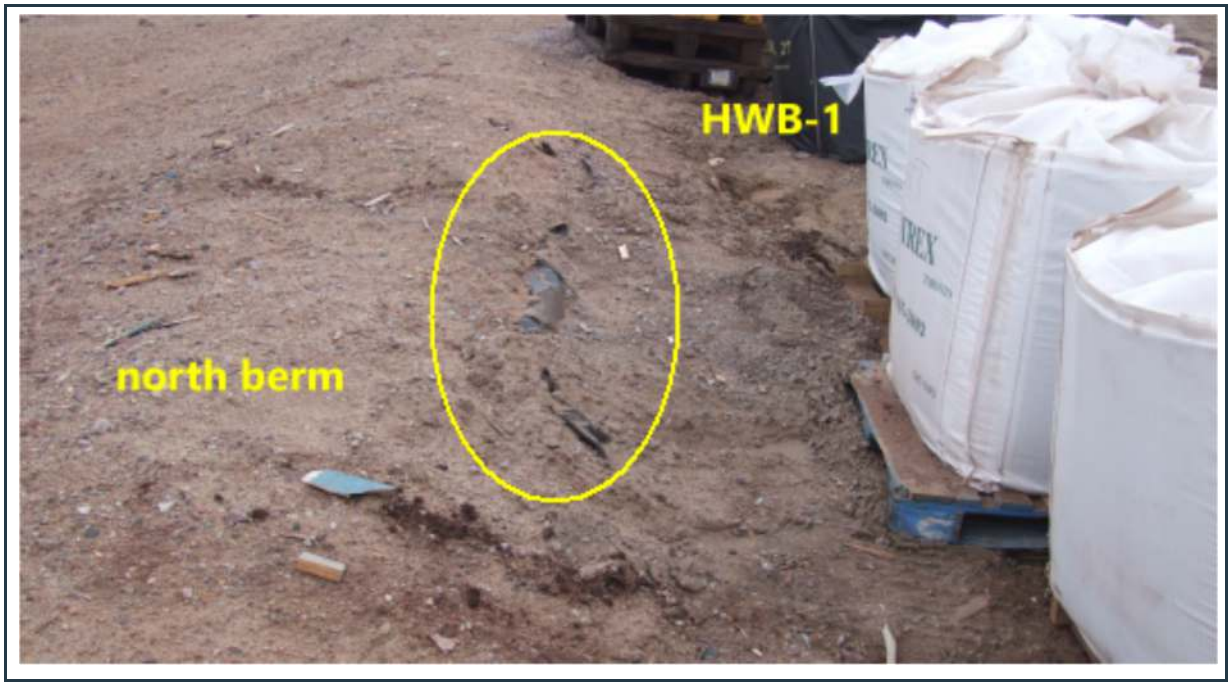

Figure 54: Ripped geotextile and exposed liner at a small area of the north berm of HWB-1 cell.

b) HWB-2

Figure 55: Ponding water in the empty HWB-2 cell with locally exposed geotextile and liner. Empty containers stored immediately adjacent to the cell.

c) HWB-3 and HWB-4 Twin Cells

Figure 56: View of the HWB-3 and HWB-4 twin cells, containing solid waste in shipping containers.

Figure 57: Stable berm around, and ponding water within the HWB-4 cell.

Figure 58: Exposed geotextile and liner on the internal berm between the HWB-3 and HWB-4 cells.

Figure 59: Exposed geotextile and liner at the HWB-4 cell, with location of potential damage to liner.

1.2 MP-01A Pond

Figure 60: Berms in excellent condition with stable slopes around the MP-01A pond.

1.3 MP-03 Fuel Tank Farm

Figure 61: View of stable, well maintained berms around the MP-03 fuel tank farm.

Figure 62: View of stable, well maintained berms around the MP-03 fuel tank farm.

1.4 MP-04 and 04A Landfarm and Contaminated Snow Disposal Cell

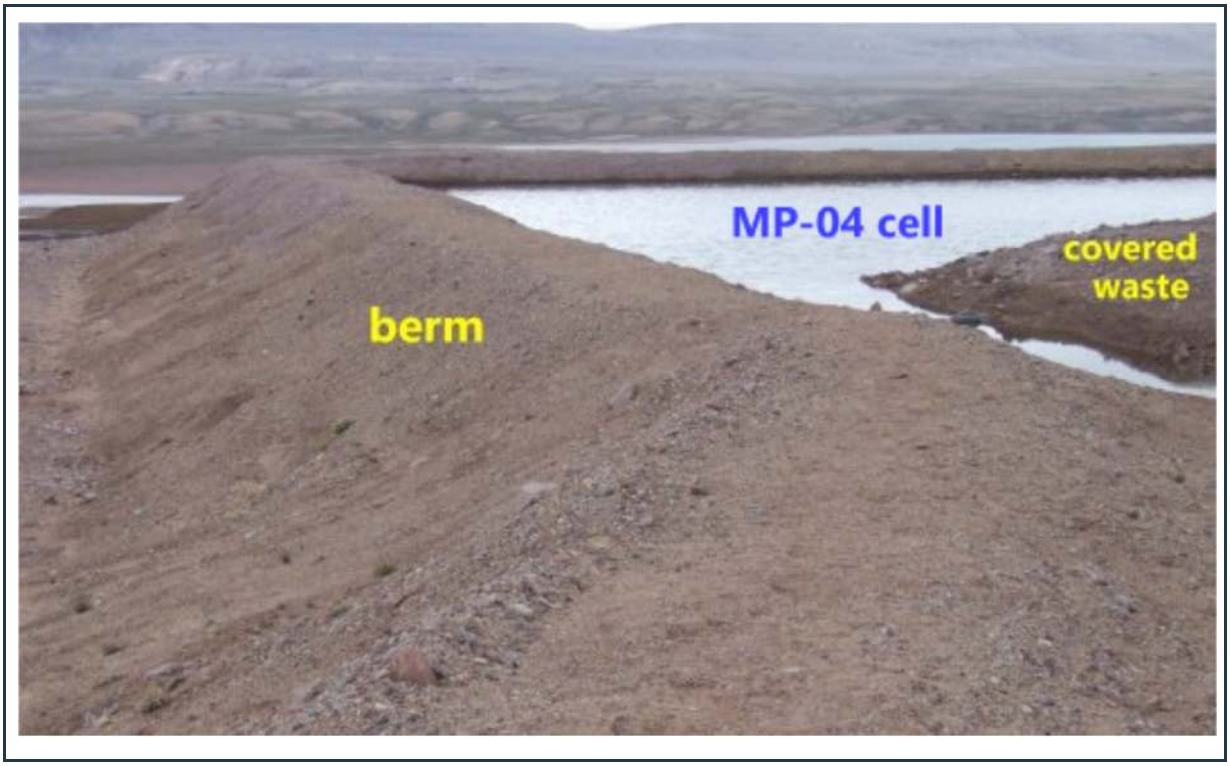

Figure 63: View of stable berm at the MP-04 landfarm, with covered waste within the cell.

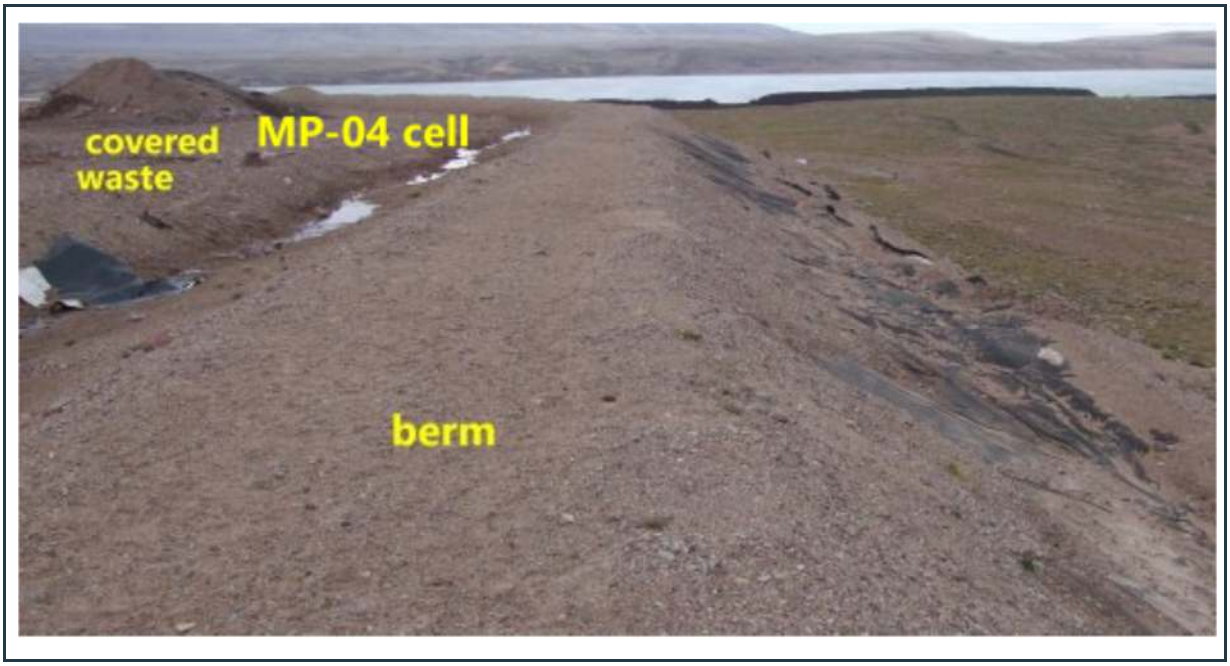

Figure 64: Stable berm at the MP-04 landfarm with exposed liner on the downstream face of the berm.

Figure 65: View of the MP-04A contaminated snow dump cell with stable berms.

Figure 66: Condition of the ramp to the MP-04A snow dump, with exposed liner (yellow circle).

1.5 Surface Water Collection Ponds and Ditches (MP-05, MP-06 and Settling pond #3)

a) MP-05 Settling Pond

Figure 67: View of stable berms at the MP-05 settling pond (north-east corner of the ore stockpile).

Figure 68: Some liner damage on the slope of the southern intake channel to the MP-05 settling pond.

Figure 69: Surface water collection ditch adjacent to the crushed ore storage, draining to MP-05 pond.

b) MP-06 Settling Pond

Figure 70: View of the lined MP-06 pond with stable berms (north-west corner of the ore stockpile).

Figure 71: View of the lined MP-06 overflow pond, with stable berms.

Figure 72: Surface water collection ditch adjacent to the crushed ore storage, draining to MP-06 pond.

c) Settling Pond #3

Figure 73: View of the lined, stable berm along the west side of settling pond #3.

Figure 74: View of sump #1 in settling pond #3 along the west side of the ore stockpile.

1.6 Q01 quarry

Figure 75: View of stable highwalls in the Q01 quarry.

1.7 Surface Water Collection Ditches (P-SWD-3, P-SWD-5, P-SWD-6, P-SWD-7, W3/W14, 380M, and P-SC)

a) P-SWD-3 (next to the LP2 laydown area)

Figure 76: View of the "P-SWD-3 surface water collection ditch with failing side slope. The sloughing is caused by the uncontrolled water flow into the ditch along its alignment (see the next image).

Figure 77: Sheet flow of surface water resulting in sloughing of one side of the P-SWD-3 ditch.

b) P-SWD-5 (next to the Q01 quarry)

Figure 78: P-SWD-5 – "Q01-North" surface water collection ditch. Riprap is missing at one section.

c) P-SWD-6 (south of the Q01 quarry)

Figure 79: View of the well maintained P-SWD-6 - "Q01 South" surface water collection ditch.

d) P-SWD-7 (ditch and culverts adjacent to the new freight dock)

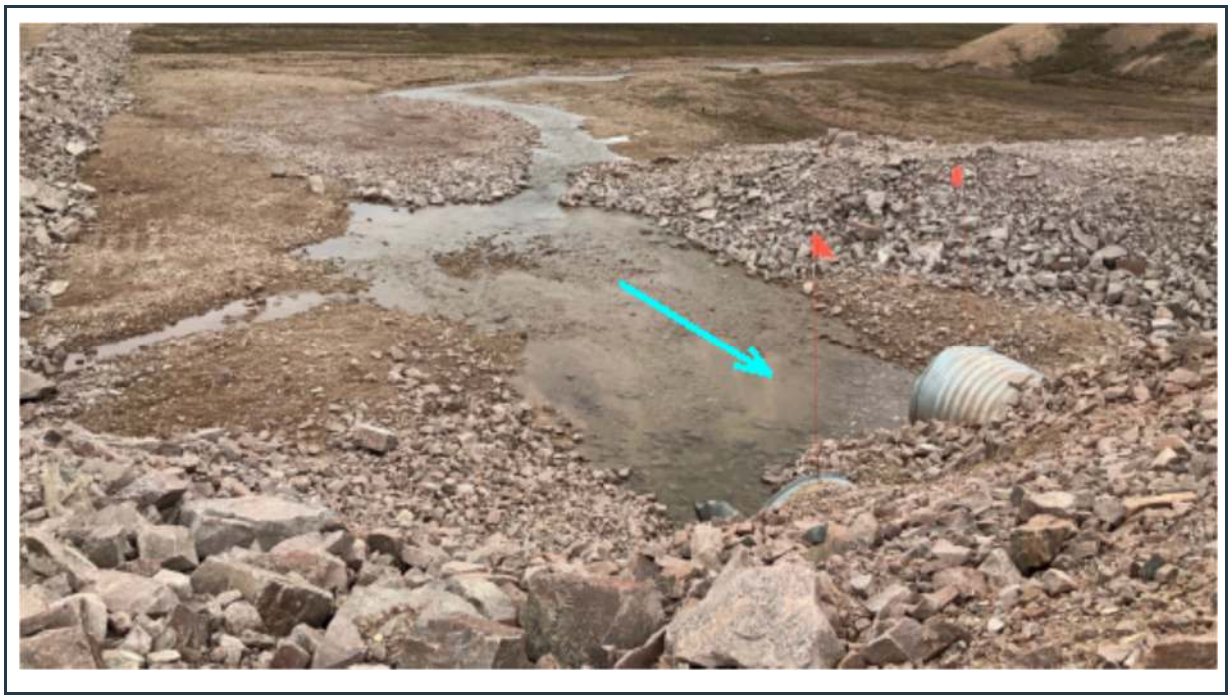

Figure 80: View of the P-SWD-7 surface water collection ditch and culverts (inlet).

Figure 81: View of the P-SWD-7 surface water collection ditch and culverts (outlet).

e) W3/W14 (surface water collection ditch)

Figure 82: View of the W3/W14 surface water collection ditch and culvert inlet.

f) 380M (surface water collection ditch)

Figure 83: View of the south section of the 380 M surface water collection ditch, with minor riprap sloughing/rolling in the foreground.

Figure 84: View of the east section of the 380 M surface water collection ditch, in good condition.

g) P-SC (new surface water collection ditch)

Figure 85: View of the P-SC surface water collection ditch and culvert (still under construction).

1.8 Tote Road Ditch and Culverts

Figure 86: Culverts and drainage ditch, conveying surface water from the P-SWD-6 "Q01 South" ditch toward the tote road.

Figure 87: View of twin culverts, draining surface water under the tote road (inlet).

Figure 88: View of twin culverts, draining surface water under the tote road (outlet).