

**SAMSON CREE NATION – MATRIX SOLUTIONS INC.
PARTNERSHIP**

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 2

FEBRUARY 5TH TO FEBRUARY 10TH

1. PURPOSE OF THIS REPORT

The report is a weekly summary of the daily reports submitted by the Aboriginal Monitors that are working on spread two. The social and cultural findings have been tabulated with locations and mitigation measures below. A summary of the construction activities has been summarized for the week of February 5th to February 10th, 2018.

Social and Cultural Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Traditional Use Area (hunting, fishing, gathering, trapping)	N/A			
Rock Formations (rocks of significance, tipi rings, etc.)	N/A			
Artifacts	N/A			
Bones	N/A			
Potential Gravesites	N/A			

Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	N/A			
Aquatic Life	N/A			
Animal Observations or Burrows	N/A			
Bird Nests	N/A			
Trees (Red Willow)	N/A			

Wetlands	N/A			
Watercourse Crossing	N/A			

Additional Observations and Summary of Activities or Concerns

Attended daily safety meetings and discussed daily scopes each morning with the Contractor Liaison Mel Abraham, and/or the Senior Construction monitor and Dean Pooyak from Enbridge.

Weekly activities included spot-checking km 159,160,163-170 and shoofly 96-101.

This week's activities started with visiting the wetlands at km170+650. Excavators were digging the wetland at km 170+200 to km 170+650. Mechanic was noted in the area. Welding was monitored at the wetland (km170+750). Tie-in was taking place at SF100 and SF 98. Backfilling was monitored at tie-in at km 165+250 to km 165+400; additionally, backfill was noted at km 164+473. Crews were loading equipment at SF100, the mechanic was servicing equipment at km159+500 and meridian survey was at km 170+750.

On February 6, backfill tie-in was monitored at km 164+500 and km 166+300. Hydrovac was on location at km 164+550 and medics were at SF 96. Backfill crew were shading at km 167+550 and backfill at tie-in was taking place at km 166+700. Lowering in was observed at km 170+450, and coding crew was at km 169+500. The monitors noted crews loading equipment at SF100. Meridian survey was spotted at km 170+000. Excavators were seen digging plug at final wetland section at km 170+300. Side booms were lowering in the final section at km 170+300. Workers were cutting ice at SF 96 and backfilling was taking place from SF 96 to SF 98.

The following day, backfilling was monitored at the following locations: km 170+650, km 166+530, km 164+600, km 169+000 and km 167+600. Equipment clean up was noted at km 166+650 and tie-in at km 170+300. Equipment maintenance was observed at km 166+500. Hydrovac was working at tie-in at km 164+650 and shading at the wetland was taking place at km 164+706.

On February 8, the monitors observed the excavator doing clean up at km 168+800, and booms were being broken down at km 166+000. Backfill at tie-in occurred SF 96 to 100. Pups and garbage were being picked up at km 159+225. Crews were fixing the fence at km 165+050. Equipment was being loaded up at SF 97. Crew and mechanics were breaking down booms at km 166+200. Shading backfill was noted at SF 99. Excavator and dozer were backfilling at: km 167+560, km 168+910, km 168+950, km 169+650 and km 170+700.

On February 9, the dozer was at work at km 168+910. Backfilling was observed at the following: km 168+960, km 169+750 and km 170+300. The mechanic was servicing excavators at km 169+150. The picker was loading the pull head at SF 101 and the picker was loading bore augers at km 166+150.

On February 10, the monitors observed the mechanic servicing equipment at km 169+100. Clean up crews were at work at: km 170+300, they finished shaping up the roach at km 170+520. At the wetland crossing, the clean up crews were at work at km 170+300. Hydrovac and medic were located at SF 101. Picker was seen loading mats at km 166+700.

The location of these features was documented and photos were collected (see below). No additional cultural or environmental features were observed within the scanned areas.

Photos of Sites Visited & Topics Discussed This Week



1. Booms at the wetland– km 170+300 – Feb 5, 2018



2. Booms going under power line – SF 98 – Feb 5, 2018



3. Backfill on mainline- km164+473 – Feb 5, 2018



4. Tie-in - Km 166+600 – Feb 5, 2018



5. Welding pull head – Km 170+750 – Feb 5, 2018



6. Lowering in (Wetlands)– Km 170+000 – Feb 6, 2018



7. Backfill tie-in – Km 164+500 – Feb 6, 2018



8. Ditch at wetland - Km 170+650 – Feb 6, 2018



9. Hotline crossing wetland - km 170+500 – Feb 6, 2018



10. Booms lowering in – km 170+300 – Feb 6, 2018



11. Dozer and excavator clean up– Km 166+650 – Feb 7, 2018



12. Excavator and hydrovac – km 164+600 – Feb 7, 2018



13. Backfill – Km 168+990 – Feb 7, 2018



14. Shaded ditch - Km 170+750 – Feb 7, 2018



15. Shading pipe - km 170+200 – Feb 7, 2018



16. Backfill tie-in – km 168+850 – Feb 8, 2018



17. Excavator and dozer -167+750 - Feb 8, 2018



18. Backfilled mainline - km166+700 – Feb 8, 2018



19. Excavator clean up - km168+800 – Feb 8, 2018



20. Backfill - km170+700 – Feb 9, 2018



21. Roach – km 170+650 – Feb 9, 2018



22. Loading mat – Km 166+700 – Feb 9, 2018



23. Equipment on wetland – km 169+950 – Feb 10, 2018



24. Backfilled tie-in – km 169+450 – Feb 10, 2018



25. Clean up crew at wetland crossing – Feb 10, 2018



26. Clean up crew – km 170+650 – Feb 10, 2018

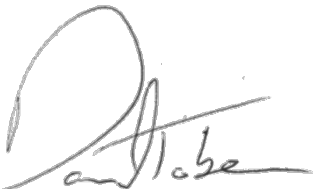
APPROVALS



Drayton Kasokeo
Senior Construction Monitor

February 22, 2018

Date



Daniel Tober
Senior Environmental Scientist

February 22, 2018

Date