

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 2

NOVEMBER 27TH TO DECEMBER 2TH

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 November 27th to December 2nd, 2017.

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	1	165km+000		no
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 Ashley Swiftwolfe and Dean Pooyak from Enbridge.

Weekly activities included spot-checking km 144, 159–170, and shoofly 89, 93-96, 98, 99, and 101.

This week the monitors headed to shoofly 95, where Medics were stationed. Afterwards they headed to shoofly 94 to view the set up crew (km161+650). They scanned topsoil from location km161+800 to 162+500, but nothing of significance was found. At km160+400 the prep crew were in action. Later they headed to shoofly 99 to monitor engineering, additionally, the hydro vac was backfilling at this location. Engineering and shooting hot lines were evident at location km167+500, as well as backfilling site holes.

On November 28, at km159+300 (shoofly 93) activities included welding crew machinery and equipment set up; additionally, the crew witnessed side booms being unloaded. Overall a lot of activity was taking place in the area. Medcor services stationed at shoofly 96, and welding crew was observed at km 159+300. Later observed: prep crew at km 162+900, 164+200 and 167+100, set up crew at km164+600, and bending crew at km165+300.

The following day, the monitors visited shoofly 93, in which the following activities were noted: welding at location km159+500, hydro vac stationed at km159+400, mechanic at work at km159+300, and pipe crew at 159+000. There were five welding huts set up at the above location. Medic is located at shoofly 93 (163km+500). Later, bending was monitored at km166+100 and 168+000(shoofly 99), and prep crew at km164+500/165.

On November 30, Eric Foster (Matrix) escorted the crew to shoofly 93. He discussed situations regarding environmental issues (spills or site contamination), and what procedures would take place and who to contact. At location 159km+400, they monitored the prep crew for welding, sandblasting off set, and mechanic set up at km 159+300. A fuel spill was identified at km 159+300 (shoofly 93), as well as bits of garbage in the area. It was reported to Dean Pooyak and Bennan from environmental control/bio security. They were instructed to check where the booms were parked to see if they might have leaked, but nothing was found. Brennan took action and had the area cleaned up promptly. The crew observed the clean up. Later they continued along the ROW to see if there were any more spills in the area, nothing was found. Drayton headed to shoofly 96. Medic was parked at shoofly 95, skid crew at km163+900, end prep crew in action at km 165+550, the grader working towards east at km 166+000 and the set up crew was working at shoofly 99.

On December 1, the crew travelled on the ROW and proceeded to km 169+400 where the bending crew was at work. The grader was observed at km 164+455, prep crew was at km169+900 and sandblasting at km 168+600. The coating crew was noted at km 144+200 (shoofly 89), at km 144+350 pyker was offloading pipe and mechanics came onsite to kick off. The monitors viewed booms being taken apart.

On December 2, the crew headed to shoofly 101 and drove on ROW. Prep crew was observed at km 169+500 and 160+300, mainline welding was taking place at km166+600, and x-ray was set up behind the mainline. The prep crew made their way to shoofly 101 and started to work back prepping offsets. At shoofly 98, welding crew was noted, they then went to the wetland at km165+000. The monitors walked from km 166+100 to 300, to check welding booms to see if there were any spills; however, nothing was identified.

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. Prep crew – km 160+400 – Nov 27, 2017



2. Set up Crew – Km 161+600 – Nov 27, 2017



3. Set up crew (East) – km 161+650 – Nov 25, 2017



4. Hydrovac site hole backfill – Km 167+500 – Nov 27, 2017



5. Hydro vac – Km 159+450 – Nov 28, 2017



6. Welding Crew – Km 159+350 – Nov 28, 2017



7. Prep Crew – Km 162+900 – Nov 28, 2017



8. Bending Crew – Km164+500 – Nov 28, 2017



9. Bending Crew - km167+500 – Nov 29, 2017



10. Shoofly 98 (East) – Nov 29, 2017



11. Fuel Spill - 159km+300 – Nov 30, 2017



12. Prep Crew - 159km+400 – Nov 30, 2017



13. East of clean-up - 161km+900 – Nov 30, 2017



14. Prep crew (S.E) – 165km+550 – Nov 30, 2017



15. Coating Crew - 144km+350 – Dec 1, 2017



16. North - 161km+100 – Dec 1, 2017



17. Prep Crew – 168km+900 – Dec 1, 2017



18. Bending Crew – 169km+700 – Dec 1, 2017



19. Wetland – 165km+50 – Dec 2, 2017



20. Mainline Crew – 166km+600 – Dec 2, 2017



21. X-Ray – 166km+800 – Dec 2, 2017

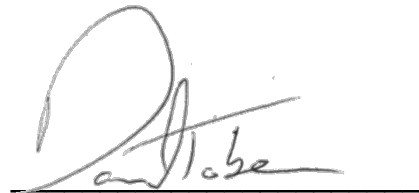
APPROVALS



Ashley Swiftwolfe
Senior Construction Monitor

December 7, 2017

Date



Daniel Tober
Senior Environmental Scientist

December 7, 2017

Date