

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 2

NOVEMBER 20TH TO NOVEMBER 25TH

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 20th to November 25th, 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	1	160km+850	Protected area	no
Aquatic Life	N/A			
Animal Observations or Burrows	N/A			
Bird Nests	1	160km+850	Protected area	no
Trees (Red Willow)	1	160km+850	Bridged area	no
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 Ashley Swiftwolfe and Dean Pooyak from Enbridge.

Weekly activities included spot-checking km144,159-161,163,167,170,177,178 and shoofly 89,93,94,99,100.

The monitors headed to shoofly 99 and location Km167+700, to view stringing work. They met Kent Schnyder and Doug Milner and signed onto stringing tailgate and shadowed their crew. Later moved onto shoofly 100 and viewed grading crew at km170+800. They met grade foreman, Mr. Dave Turner, and signed tailgate. They walked on ramps to sweep area, however, nothing was found. Also monitored survey at shoofly 93.

On November 21, the crew walked on transition piles at km: 170+200, 177+100 and 178+000. The weather conditions were reported to be very cold and piles were heavily covered with up to 2 feet of snow, monitors would like to revisit area. Medcor-medical services are stationed at km167+600 and the wash station at shoofly 99 had 3 pieces of equipment waiting to be washed. Ashley headed towards kickoff area at km144+200 and noticed engineering activity as well as marking pipe for bending.

The following day, the crew checked out the Medcor medical station at shoofly 99, then observed engineering at km 160+900, and viewed the Marsh Felwort (rare plant in the area). At location 161km+200, crews (utility crew?) were putting on end caps, and at km163+200 Meridian survey activity apparent. The senior monitor observed a number of activities such as: Hydrovac washing the excavator, with extremely high pressure, mechanic was onsite to fix excavator and waiting to load the machine to be transported to another area. At km167+500, engineering were marking pipe and staking out the area.

On November 23, the crew set out to shoofly 93 to observe the hydro vac in action. They noticed that the Medcor services had been moved from shoofly 99 to 100. At shoofly 100, the hydrovac was washing equipment and there was a mechanic on site working on the track hoe. Conversely, Sr. monitor headed to kick off at km144+200(shoofly 89). He monitored area and reported that the work area is clean. He observed the bending crew in action, and noticed that spread 1 work is completed and crews were taking down boom sticks and loading them onto trailers. Lastly, machines were being transported to shoofly 93.

On November 24, the monitors started the day with a visit to 161km+700 - 160km+900 (shoofly 94), ROW very muddy. Noticed activity at km161+800 as workers were digging into the line to check for any issues to repair. The crew observed bending activity and set up crew in action at km159+600.

On November 25, the crew scanned transition piles at location 159km+250 to 160km+850. At shoofly 93 (159km+400), 2 track hoes were being unloaded. Medcor now located at shoofly 94. The mechanic was doing work on the grader at location km159+500. They observed bending crew at km161+000 and setting up of pipe at km160+000. They viewed wetlands and rare plant at km160+900 and truck maintenance at km160+450.

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. Bending crew – km 160+000 – Nov 24, 2017



2. Bending Crew (East) – Km 160+000 – Nov 24, 2017



3. Transition Soil (S.E.) – km 159+350 – Nov 25, 2017



4. Transition pile (East) – Km 159+350 – Nov 25, 2017



5. Subsoil (West) – Km 159+850 – Nov 25, 2017



6. Dirt pile – Km 159+325 – Nov 25, 2017



7. Dirt Pile (West) – Km 159+325 – Nov 25, 2017

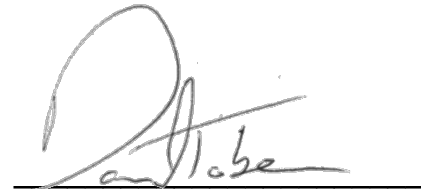
APPROVALS



Ashley Swiftwolfe
Senior Construction Monitor

November 29, 2017

Date



Daniel Tober
Senior Environmental Scientist

November 29, 2017

Date