

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 2

NOVEMBER 13TH TO NOVEMBER 19TH

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 have been summarized for the week of November 13th to November 19th, 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		170km+200, 160km+200		
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)	1	160km+800-900	Rare plant (Marsh Felwort)	no
Wetlands	Several	160km+900, 165km+50, 165km+300, 165km+500-166km+500, 166km+536		no
Watercourse Crossing	Several	160km+900, 166km+536		no

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.

Weekly activities included spot-checking km 88 to 93, 159 to 167, 169, 170, and shoofly 98 to 101.

The week's activities consisted of a sweep of location 88 to 93, in which the crew monitored pipeline construction. Ashley Swiftwolfe (Sr. Construction Monitor) introduced himself to the grade supervisor, George Hughes. The crew monitored machine scraping and the removal of dirt at km159+500 to 160+400. A rare plant was identified at km160+400, known as Marsh Felwort. A wetland bridge was identified (km160+900) and was described as covered with wood mats, black plastic, and covered with dirt. The area between km160 to 163 was identified as Native Prairie. They later walked on soil to try to identify any items of cultural significance, but it was difficult as soil was covered with snow.

On November 14, the crew headed to location km166 and 167 (shoofly 98 and 99) and swept transition piles to determine if there were bones or rock formations. At shoofly 64, they observed wetlands, hydrovac, road construction, and a truck moving dirt. The crew went to location km169 (shoofly 100) and km170+700 (shoofly 101). A bone was identified at 170km+200, and appears to be of cattle or of pig origin and no further action is required. Additionally, at the km170+300, Jason Bitternose was installing geo-tech wrap for the water crossing. There were eight pieces of machinery on site.

On November 15, the crew observed location km159+200 and km160+550 (shoofly 93). A bone was discovered at km160+200, it appears to be a kneecap of some sort, and was located on top of a berm. The crew observed the building of an access road in which the geo-tech and mats were being laid on the ground. They viewed wetlands at shoofly 97 and walked around the area. The weather conditions were unfavourable and there was no work on the line.

On November 16, the crew attended a morning meeting with Dean Pooyak, Dan Tober, Eric Foster, Mel Abraham, Wennell Swampy, and Virgil Deschamps to discuss primary duties as Aboriginal Construction Monitors and any additional concerns. Extreme weather conditions were reported. They attempted to go to the ROW; however, there was poor visibility.

On November 17, at location km163+350, the crew observed equipment cleaning and noticed that the wash station has been removed. At shoofly 95 and 96, machinery crossing was observed. Wetlands were identified at 165km+300; additionally, at location 165km+300 to 500 the crew searched transition piles and clay (164km 50 to 250).

On November 18, the monitors observed the stringing crew at location 164km and viewed a few pounded out spots on the ROW at km159+700. They observed a hydrovac and also noticed that the Medcor station has been moved to km167+600.

They met Doug Milner, the stringing inspector, and the stringing foreman, Kent Sneider, on the ROW. They observed the wetlands 165+000 to 400 and noticed a road built around the water crossing. Disturbed ground (in transition) was noted at location km 164+650.

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. & 2. Marsh Felwort (Rare plant) - Km160+900 - Nov 13, 2017



3. Wetland – Km 160+900 – Nov 13, 2017

APPROVALS

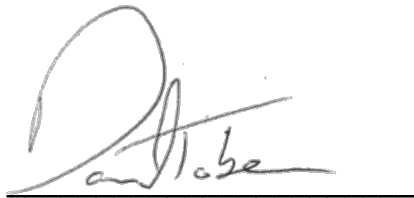


Ashley Swiftwolfe

Senior Construction Monitor

November 24, 2017

Date



Daniel Tober

Senior Environmental Scientist

November 24, 2017

Date