

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

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 1**

**OCTOBER 23<sup>RD</sup> TO OCTOBER 29<sup>TH</sup>**

## 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 one. 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 October 23<sup>rd</sup> to October 29<sup>th</sup>, 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)	Several	Located at 116km+350, 117km, 97km+650, 66km+400, 137km+900, 142km+900, 144km +150, 70km+700, 71km+500, 95km+700, 100km+700, 95km+600, 43km+650, 44km+200, 0+800		No
Rock Formations (rocks of significance, tipi rings, etc.)	N/A			
Artifacts	N/A			
Bones	1	116km+500	Reported	No
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	117km	Bridge construction	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, Virgil Deschamps. Additionally, the crew attended a scheduled mid-week meeting with Eric Foster from Matrix Solutions.

Weekly activities included spot-checking km 38, 39, 41, 59, 60, 64, 66, 97, 70, 71, 75 to 77, 116, 117, 133 to 144, and shoofly: 2, 28, 31, 32, 40 to 42, 44, 45, 60, 61, 80, 88, and 89 to 93.

This week's activities began with a visit to km60+800. Arrived at 64+600 (shoofly 40) to observe ROW maintenance. Coating is complete at shoofly 31, and is ongoing at km59+200. Drove to km41+649 (shoofly 41) to track bore. Maintenance of the ditcher was taking place at km39+980 (shoofly 28) and at km38 (shoofly 28), pipe is going into the ground.

On October 24, while searching topsoil, a bone was found at location km116+500, a picture was taken and it has been reported. The following day, the crew checked out the newly installed bridge at km97+650. Viewed coating crew at location 66km+400. Conditions on ROW are very muddy due to rain, and reported at shoofly 42.

On October 26, the crew headed east to shoofly 93 to view Spread 2, it appears that the ground is undisturbed. Along shoofly 89-93 km 144 (end of Spread 1) the area is stripped. Monitored coating crew at km70+700 (shoofly 44). The foreman from the coating crew approached us, and discussed the coating process and associated hazards. The crew also viewed transition piles along the way and are planning to revisit the area on October 28 once the weather is warmer.

On October 27, the crew monitored the bending crew at km100+700 (shoofly 61). Later, the monitors drove to the end of Spread 1 at km144+200, and observed the stripping crew as they prepare for work on Spread 2. Additionally, they observed the welding crew at km97.

On October 28, the crew viewed the aqua dam and bell hole at shoofly 31, It appears that it is full of water. At 44+200, the ditch is flooded and the pipe is visible. The monitors then went to kick-off at shoofly 2, to take pictures after the pipelines have been completed. The area is cleaned up, the ground is graded and the pipe is in the ground.

The location of these features was documented and photographs 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. Ditcher Maintenance - 39+980km - Oct 23, 2017



2. Bore tracking activity - 41km+649 - Oct 23, 2017



3. Bone - Km116+ 500 - Oct 24, 2017



4. Coating - 70km+700 - Oct 26, 2017





5. Coating Crew – Km70+700 – Oct 26, 2017



6. Area Stripped at Km 144 shoofly 89 – Oct 26, 2017



7. End of Spread 1 – Km 144+150 – Oct 26, 2017



8. Dirt Piles on ROW – Oct 26, 2017





9. Stripping Crew Prep – Km144+200 – Oct 27, 2017



10. Flooded ditch with pipe – Km 44+200 – Oct 28,2017



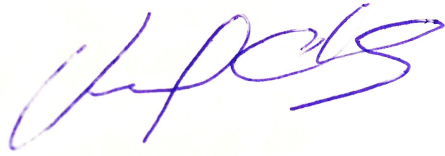
11. Flooded bell hole – km 43+650 – Oct 28, 2017



12. ROW East at kickoff – Km 0+800 – Oct 28, 2017



**APPROVALS**




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Virgil Deschamps  
Senior Construction Monitor

November 1, 2017

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Date



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Daniel Tober  
Senior Environmental Scientist

November 1, 2017

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Date