

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

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 1**

**DECEMBER 11<sup>TH</sup> TO DECEMBER 16<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 has been summarized for the week of December 11<sup>th</sup> to December 16<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	143km+900, 21+400 - 22km+950, 4km+850 - 25km+400, 73km+900-75km+400, 69km+000 - 86km+250		
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			

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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, Virgil Deschamps. Additionally, the crew attended a scheduled midweek meeting with Eric Foster from Matrix Solutions.

Weekly activities included spot-checking km 4, 6, 21- 25, 35,68 - 86, 116-123, 125, 129, 134-143, and shoofly 11, 27-29, 35, 37-42, 49, 51, 71, 74, 75, 78, 79, 82 - 88 and 89.

This week started with entering the ROW at km 116+300. The monitors viewed the track bore lower in at km143+950 (SF88). At km 125+500 (SF74) bell holes were excavated. At 122+400, track bore work was being done (SF 75) and backfilling was taking place at km 121. Lowering in was noted at 121+900 and the ditcher was moving along the ROW at km 123+900.

On December 12, the monitors headed to shoofly 88 to view track bore work (km 143+950). Afterwards, the excavators were seen at km 123+500, lowering in at km 123+700 and the jeepers were checking on pipes at km 123+600. The dozer was at work and backfilling was taking place at km 35+700 and km 35+500.

The following day, the monitors set out on the ROW from km 134+900 to km 143+700, to ensure that the area was clear of any left over garbage and materials etc. Track bore work was being done at km 143+800, SF 75, SF 78, SF 79. The ditcher and lowering in were monitored at km 129+300.

On December 14, the crew drove to SF 88 to check out track bore work being done at km 143+950. Excavators were moving dirt from the bell hole to the side of ROW. The safety crew arrived in the area to do their inspection. Booms were moved away from the trench and crossed over to SF 89. At SF 11 and km 21+450, the monitors observed brush being burned and ROW was all sand, yet the area was unattended. Later, headed to km 21+675 to meet up with the clean up/burning crew. The excavator was spotted with spotter and truck at km 22+500. Brush pile was waiting to be burnt at km 22+950. Virgil met with Ashley Swiftwolfe from spread 2 and headed to SF 64 to show him where to look for artifacts. Later they went to Eyehill Creek.

On December 15, the monitors drove to kick off to view clean up, burning and burning crew, there was a fire watch onsite. Km 4+800 to km 6+ 850 are almost complete with a few topsoil piles left, pipe is in the ground and overall the area looks neat. They drove along the ROW at km 21+900 whereby an excavator and work truck were monitoring a fire. The monitors observed an unattended fire at location km22+800; with wind gusts reported to be 25km/hr. Burning fires were noted at km 23+600 (shovel and extinguisher nearby) and km 24+200, and were under watch. At km 73+900, km 75+250, and km 75+700 tie in work was reported. There were many trucks, booms holding up pipe for welders in the bell hole (km75+250), piles of equipment, ladders and pumps, some pipe on skids and heavy haulers. Virgil was out looking for bones in the following locations: SF 27, 28, 29, 35 and 37.

On December 16, the crew drove west to shoofly 42 where ramp removal was monitored at the wetland (aqua dam). They entered the ROW at km 70+200 and viewed the grader smoothing out the area, looks very clean and smooth. Backfilling and tie in was noted at km 73+900 and 82+250(SF51). At km 81+550 (shoofly 49), backfilling tie in was reported and dozer was putting dirt back into the ground. Sandblasting in the bell hole was observed at km 81+650, welding and tie in at km 82+300 and 82+400, backfilling at km 83+400 and excavating at 85km+300. Lastly, at km 86+250, hydro vac hotline was noted.

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. Backfilling – km 121+000 – Dec 11, 2017



2. Track bore lower in – Km 143+900 – Dec 11, 2017



3. Lowering in – km 121+900 – Dec 11, 2017



4. Backfill – Km 123+200 – Dec 12, 2017



5. Lowering in – Km 123+950 – Dec 12, 2017



6. Track bore – SF 75 – Dec 13, 2017



7. Brush pile – Km 22+950 – Dec 14, 2017



8. Burnt pile – Km21+450 – Dec 14, 2017



9. Excavator monitoring fire – km21+900 – Dec 15, 2017



10. Burning fires in the area - Km 23+660 – Dec 15, 2017



11. Tie-in - 73km+900 – Dec 15, 2017



12. Tie-in - 73km+950 – Dec 16, 2017





13. Backfilling tie in - 81km+550 – Dec 16, 2017



14. Backfill tie-in -74km+000 – Dec 16, 2017



15. Tie –in - 82km+400 – Dec 16, 2017



16. Dozer – 81km+550 – Dec 16, 2017



17. Ramp removal - km 63+800 – Dec 16, 2017

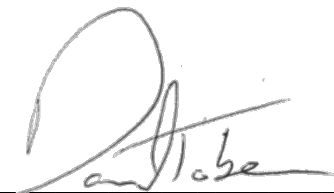
**APPROVALS**



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Virgil Deschamps  
Senior Construction Monitor

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December 20, 2017

Date



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Daniel Tober  
Senior Environmental Scientist

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December 20, 2017

Date