

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

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 1**

**AUGUST 1<sup>ST</sup> TO AUGUST 4<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 weeks of August 1<sup>st</sup> to August 4<sup>th</sup>, 2018.

### 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	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, Wennell Swampy. Additionally, the crew attended scheduled midweek meeting with Eric Foster from Matrix Solutions.

Weekly activities included spot-checking km 5 – 10,13,14,16,17,18, 71 – 116, 118,121-123,126,127, 131 and shoofly 4 - 10,66,69,71,71,73,74,78,81,82 .

On August 1, safety meeting covered uncontrolled intersections and always yield to traffic. Weather forecast, partly cloudy. At km 5+100, wood debris was ready for disposal on the ROW, and clean up crew was on the ROW. At km 6+500, tractor with bucket and skid steer collecting debris. At km 6+700, tractor tilling was monitored and wood debris was being cleaned up, and at SF 7 and 8; flagman was directing and guiding the dozer on the ROW. At km 8+300, dozer was spreading transition soil, rocks and debris were piled at the entrance. The dust control trucks were on the side road. At km 13+000, the excavator was loading pipe and the dozer was grading the road, and the removal of pipe to be loaded onto trailer at km 13+100. At km 116+200, dozer was levelling and pushing subsoil. At SF 74, excavator was bailing subsoil back to dozer. Dozer was levelling subsoil at km 121+900 and grader was levelling at 122+350. At km 126+150, excavator was bailing subsoil out to dozer, at km 123+700, walked on soil and picked up garbage. Jr. monitor Calvin Buffalo joins the ACM team. Wennell got him acquainted with the reporting process etc. Work forecast: Continue subsoil clean up, topsoil being put back, removal of roach for compaction, discs with tractors, power line markers, haul trucks, general clean up, rock picking, hauling and disposal of rock, picking up wood debris from the ROW and mark bird nesting sites.

On August 2, safety theme was spotters on the ROW. Weather forecast was partly cloudy. At SF 5, wood debris was being stacked. AT km 6+490, stocked piles of wood and rock, post pounder still on site. At km 6+800, rock picker on the ROW, assisted by trailer and bucket. At km 8+300, bulldozer back blading top soil, snow fence down and needs to be put back up. At km 13+100, tractor tilling on the ROW, and at km 13+000, overhead power line signage and ribbons. At SF 9 and 10, dust control on roadway. Stockpile of rocks on ROW at km 14+000, and at km 16+250, excavator pipe was with a spotter. At km 17+400, 500, and 600, the following were reported, rollers packing, excavator de-compacting soil and excavator was delivered on the ROW with spotters at SF 9. At SF 66, tractor discing and excavator bailing topsoil out to dozer, dozer was levelling topsoil. At SF 68, tractor was picking up rock on the ROW and putting it into piles. At SF 69, dozer was grading the road. At km 114+700, excavator was levelling the ground. AT SF 71 and 72, excavator was digging. At SF 78, a crane was lifting matting onto deck, and tag lines were used, signs were fixed so there's higher visibility and ropes were fixed. Work forecast: top soil being put back, subsoil clean up, removal of roach for compaction, discs with tractors, power line markers, haul trucks, general clean up, rock picking, hauling and disposal of rock, utility clean up, picking up wood debris from the ROW and mark bird nesting sites.

August 3, daily safety theme was to be aware of wasp nests and to keep an epipen handy for those that are allergy prone. Weather forecast was chance of afternoon showers. At SF 4 to 6, rocks were piled up, wood debris evident on the ROW. At SF 7, sub soiler was tilling on the ROW (km 8+300). AT SF 8 and km 10+200, heavy equipment was being cleaned at the cleaning station. Haul trucks were dumping rocks into rock piles. Excavator moving wood debris and unloading rocks into haul trucks, dozers grading transition soil back on ROW. At km 13+050, clean up crew was collecting rocks. At km 13+400, dozer was levelling subsoil. AT SF 10, the mechanic was working on a dozer, tractor with discs arrived and began discing on ROW (km 14+100). At km 14+200, hydrovac and water truck on ROW, the area was blocked off with pylons, tractor with discs was tilling on the ROW, and the mechanic was working on dozer. At SF 17, test hole, side boom welders and safety were onsite. AT SF 6, wood debris disposed, rock piles onsite and post pounder. At km 8+300 (SF 7) bulldozer was back blading and grader was onsite. At km 10+200, dozers and buggys were being washed, excavator was loading rock truck for disposal; and, at km 10+300 and 400 tractors and crew were picking up rocks on ROW. At SF 11, km 16+250 pipe work was laid down on SW side of entrance, additional pipe exposed and marked off with ribbon. At km 116+200, dozer was monitored pushing dirt onto piles, excavator was digging and crews were doing a general clean up. At km 118+000, the excavator was piling soil on the east side of the road. Grader was levelling at km 122+300; at the same time another grader was picking up trash and waste debris on the ROW. Tractor was discing at km 131+500, and at SF 82, dozers were levelling the ground. Medic was parked at SF 74, and crews were fixing rope and power line markers at SF 73. Work forecast: Top soil was being put back, subsoil clean up, removal of roach for compaction, discs with tractors, power line markers, haul trucks, general clean up, rock picking, hauling and disposal of rock, utility clean up, picking up wood debris from the ROW and mark bird nesting sites.

The following day, work was shut down due to rain.

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**



Clean up crew picking up debris – km 6+700 – Aug 1, 2018



Excavator loading pipe – km 13+000 – Aug 1, 2018



Excavator bailing and levelling out subsoil – km 121+900 – Aug 1, 2018



Levelling subsoil – km 127+450 – Aug 1, 2018



Excavator loading pipe – km 13+100 – Aug 1, 2018



Tractor loading debris – km 6+500 – Aug 1, 2018



Excavator delivered to ROW – km 17+600 – Aug 2, 2018



Snow fence down – km 8+300 – Aug 2, 2018



Signs are fixed and are more visible – SF 78 – Aug 2, 2018



Excavator bailing out soil – km 118+000 – Aug 2, 2018



Exposed pipe – km 16+250 – Aug 2, 2018



Rock and wood debris for disposal – km 6+490 – Aug 2, 2018



Hydrovac and watertruck - km 14+200 - Aug 3, 2018



Excavator unloading rocks – Km 10+200 – Aug 3, 2018



Test hole tie-in – SF 7 – Aug 3, 2018



Pipe removal and exposure – km 16+250 – Aug 3, 2018



Grader levelling ROW – km 122+300 – Aug 3, 2018



Tractor dumping rocks – SF 68 - Aug 3, 2018



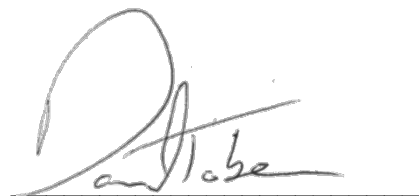
**APPROVALS**



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Wennell Swampy  
Senior Construction Monitor

\_\_\_\_\_  
August 13, 2018

Date



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Daniel Tober  
Senior Environmental Scientist

\_\_\_\_\_  
August 13, 2018

Date