

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 1

JULY 9TH TO JULY 24TH

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 July 9th to July 24th, 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 4-8,14,16,90,107,108 and114 and shoofly 3 -11,47,56, 65 - 76.

On July 9, Senior Construction Monitor Wennell reported to Provost yard. Safety inspections were conducted to ensure that trucks are equipped with buggy whips, safety kits and fire extinguishers. The day consisted orientations with Enbridge; and later, an environmental orientation. She got familiarized with the area, from SF 66 to 70. In general, work in the area consisted mainly of subsoil clean up and top soils being put back.

On July 10, safety inspections were conducted to ensure that trucks are equipped with buggy whips, safety kits and fire extinguishers. Additionally, weather conditions were a mix of sun and clouds. Wennell attended an early safety meeting with Enbridge, Dunnhiebert, CAEPLA, and OJ pipelines. Clean up crew were at km 108+500. At SF 65 and km 107+700, excavator and dozer were grading soil on ROW. At SF66, excavator was moving soil. Work shut down early due to rain. Work forecast: Mobilize equipment, topsoil being put back and subsoil clean up.

The following day, safety inspections were conducted to ensure that trucks are equipped with buggy whips, safety kits and fire extinguishers. Work shut down due to rain.

On July 12, the daily theme of safety check was to ensure that proper PPE is worn (site specific). Wennell then headed to SF66, Vac was observed and surveyors were present. Excavator was digging soil to prepare for grading at km 107+840. At SF 3, excavators and dozers were pushing soil onto the ROW. Work forecast: Subsoil clean up, Utility clean up and Rock picking.

On July 13, daily safety check was to ensure proper loading and offloading and open-hole signage. Weather forecast was sunny and hot. Excavators and dozers were grading soil at SF65. At SF 66, equipment was being offloaded. At SF 69, grading and proximity to transition soil was observed. At SF 3, soil was spread over the area (km 4 to 7+800). Equipment crossing was noted at km 4+600; and, graders and dozers were working soil across the ROW at km 4+400. Very congested work area. Work forecast: Subsoil clean up, Utility clean up, Rock picking.

On July 14, daily safety theme was slips, trips and falls. Weather forecast was rain. Rain day declared.

On July 16, daily safety theme was tick safety (keep an eye out), staying hydrated due to heat warnings and to de-clutter boots and shoes from the main entrance. Weather forecast was sunny. Junior monitors Virgil Deschamps (no longer working as ACM) and

Dylan Fisher were undergoing orientation with Enbridge, DunnHeibert, Biosecurity and Matrix. Micheal Kary from Matrix came to set up laptops, trained monitors on computers. Jr. Monitors were given a brief update on activities on site. Mel provided report templates to the monitors. Work forecast: Subsoil clean up, Utility clean up and rock picking.

On July 17, safety theme was to stay hydrated, warning that side roads will be dusty, to be mindful of farmers and other drivers in the area and to keep communication especially when working alone. Weather forecast was sunny with clear skies. Matrix went over system glitches. The monitors worked on safety tickets. Wennell familiarized the Jr. monitor on reporting process and ticket entry. Wennell showed Dylan the ROW and described monitors duties/role. Sprayers were at km 90+900 (SF 56). Grader was compacting soil at SF 65. At road 68 east, tractor was spotted crossing the road without a flagman or signage. Work forecast: subsoil clean up, Utility clean up, Rock picking.

July 18, daily safety theme was to stay hydrated when working outdoors, use the buddy system to keep an eye out for co-workers, also, to be mindful of parking on the side of the road. Weather forecast was chance of showers. Wennell headed to SF 3, rain started and lightning was observed. Crews were gathering and returning to vehicles. Work shut down in the area. Drove from SF 65 – 71. Later, the monitors were given the Pipeline Environmental Protection Plan and replacement contact list for Spread 1 and 2. Work forecast: Subsoil clean up, removal of roach for compaction, utility clean up, rock picking, and clean up after final grade.

On July 19, the daily safety theme was to stay off of the roads after work has been shut down due to rain. Weather forecast was rain. At SF 71, side booms were being offloaded and geo fence was being assembled. Sprayers were on the ROW at SF 65. Clean up crews were at SF 70 (km114+350), rig mats and geo fencing were being disassembled. Dylan observed at SF 71, tires used for the road crossing were approximately 2-3 metres from the highway edge: yet he is familiar with a 5 metre buffer. Eric was introduced to Jr. monitor. Work forecast: Subsoil clean-up, removal of roach for compaction, utility clean up, rock picking and clean up after final grade.

On July 20, safety theme was to keep roadways clear, be aware of wildlife, farmers and fatigue, stay hydrated and keep communication when alone. Weather forecast is partly cloudy. At SF 71, dozer stripping ROW. At SF 70, excavators and dozers were gripping ROW, monitored Spread 2 crew, rock picking and prep for subsoil. Checked out SF 69 to 66, not much activity. Walked topsoil at SF 66 to 65, picked up safety pins, cigarette butts and pieces of plastic, no significant cultural findings. Work forecast: Subsoil clean up, removal of roach for compaction, utility clean up, rock picking, and clean up after final grade.

On July 21, safety theme was driving, being courteous, aware of dust, and to be professional. Weather forecast, sunny and dry. At SF 3, monitored clean up crews, rock picking, flagging, fencing, general clean up and discing with tractors. Equipment was being moved from SF 3 to 4, and at km 4+750, excavator was prepping soil transition soil for grading. Environmental was onsite. Discing and rock picking was evident at SF 7. At SF 6, tractors were on the ROW and crews were rock tilling and picking, signs

were uncovered. Work forecast: Subsoil clean up, removal of roach for compaction, utility clean up, rock picking, and clean up after final grade.

On July 23, safety theme was congestion, watching out for other workers, be courteous, and to watch for heavy equipment. Weather forecast was partly cloudy. Wennell met with Eric Foster to pick up the Jr. monitor's fire extinguisher, then headed to Comrades to collect buggy whip. At SF 3, excavators were prepping soil for grading on ROW at km 4+750. Environmental survey onsite, clean up crews were rock picking and flagging. Excavators and dozers were putting topsoil back on ROW (km4+000 and km 4+600). Tractors were tilling at km 5+900 and at km 6+300. At SF 9, rock piles were on the ROW and a roller was de-compacting soil on ROW. Walked the TLU area at SF 10 and 11. At SF 71, clean up crew was monitored. Dylan familiarized himself with SF 72 to 76. AT SF 70, rock picking and piling, he walked the transition soil and found a rib bone, took pictures and informed lead. At SF 69, monitored dozers, walked topsoil and picked up garbage. AT SF 68, signs are partially down, flaggers were used when dozers were crossing. AT SF 66 and 67, monitored excavator levelling the ground, disc with tractor and dozer ripping. At SF 66 and 65, Dylan walked topsoil and cleaned up garbage (tape, ribbon, screw drivers, grinding discs, plastic). AT SF 71, monitored dozer ripping. Work forecast: Removal of roach for compaction, Utility clean up, rock picking and clean up after final grade.

On July 24, daily safety theme was slips, trips and falls. Weather forecast was sun with a mix of clouds. Work plans were discussed between Sr. and Jr. construction monitors. At SF 71, dozers were grading transition soil on ROW and Quest haul truck arrived onsite. At SF 72, no activity was reported. At SF 69, excavator was moving dirt and flattening the area, additionally, medic was onsite. West of Hardisty rain was reported and work was shutting down. Side roads were very busy, with many haul trucks, and they weren't giving smaller vehicles room on the roads; additionally, a lot of dust in the area. At SF 65, rock piles on ROW near the entrance, soil tilled/broken up. Excavators were moving and stacking rig mats. At SF 3, dozer and excavator were at crossing under power line; there was no spotter or air horn. At SF 3 and 4, dozers were back blading and grader was levelling the ground. At km 4+900 to 950, dozer was levelling soil, excavator bailing out the top soil, and crews were removing sticks and logs from top soil. At km 8+300, crews were rock picking and disc tractor was working on the ground. Excavator was cleaning geotec. Later crews were shut down due to rain. Work forecast: Subsoil clean up, removal of roach for compaction, utility clean up, rock picking and clean up after final grade.

No additional cultural or environmental features were observed within the scanned area

APPROVALS



Wennell Swampy
Senior Construction Monitor

July 31, 2018

Date



Daniel Tober
Senior Environmental Scientist

July 31, 2018

Date