

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

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 1**

**OCTOBER 9<sup>TH</sup> TO OCTOBER 13<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 October 9<sup>th</sup> to October 13<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 34-36,39,40-43,62-66,69-71,74-78,85-92,100,107; and shoofly 21,23,25-31,34,37-47,52-58,60,61,64-89.

On October 9, the daily safety theme was icy conditions on the ROW. Be aware of slips, trips and falls. The weather forecast was partly cloudy. At SF 25, an excavator was working on the hotline crossing mats, and utility crew were removing geotec. Also, the mechanic was servicing equipment, tractor was decompacting and rig mats and geotec need to be disposed of. At SF 28, excavator and dozer were working on wetland crossing, crews were loading dozer onto flat deck for transport, and dozers were spreading and shaping subsoils. At SF 31, crews were washing a tractor, and dozer was being offloaded. At SF 39, ROW was scanned, garbage and a hose was left behind, and cleaned up by the monitors. At SF 42 and 43, tractor was discing on ROW, an excavator was working on the wetland, and a grader was levelling on the ROW. At SF 45, an excavator was working on the wetland ramp. At SF 52, medics were onsite. At SF 53, surveyors were staking anomalies on pipeline for smart pig results, and dozer was shaping subsoil. At SF 54, geotec needs to be disposed of. At SF 55, mechanic was servicing dozer, and dozer was spreading out grade/clay. At SF 64, spread 2 mechanic was onsite and equipment operator was warming up dozer. At SF 65, grader was spreading subsoil. At SF 71, testing crew were on ROW, side boom and transfer tank were onsite and dozer was grading on the ROW. At SF 27, 30 and 61, dozer and excavator were spreading topsoil. At SF 26, 27 and 31, utility crews were picking rocks on ROW. At SF 31,40,41,42, and 43 dozers were shaping and contouring soils.

October 10, the daily safety theme was complacency, it's important to change up your routine from time to time. The weather forecast was cloudy. At SF 25, crane/lowboy was loading mats for removal. At SF 27, seeders and crimpers were on ROW to try seed berms. At SF 28, excavator and dozer were working on grade, utility crew was picking rocks, and skid steer was working on ROW. At SF 29, tractor and utility crew were picking roots on ROW. Excavator and dozer were working on topsoil, and excavator was rough cleaned at SF 30. Testing station and crew were working at SF 34 and 71. At SF 37 and 39, excavator and rock truck were working in marsh area. At SF 41, utility crew were cleaning excavator at the wash station. At SF 44, crews were pumping water followed by a dozer spreading the soils to dry. Excavators were working on wetland ramp removal at SF 45. At SF 46, dozers were shaping and contouring soil, excavators were pulling subsoil and levelling it out, mechanic and an environmental inspector was onsite. At SF 53, hydro-vac was day lighting pipe, excavator was digging up ROW around the pipe, dozer was pushing soil back from the excavator, and medics were onsite. At SF 57 and 58, ramp was narrowed and geotec exposed. At SF 58, excavator was grading. At SF 60, worker was observed hooking up roller to tractor, and garbage

bins have been set up. At SF 61 dozers were spreading topsoil, excavators were bailing topsoil to dozers, crews were cleaning up garbage and grader was levelling on ROW. At SF 28,37,38,39,52 and 57, debris/materials needs to be disposed of. At SF 54,55,56, and 58, tractor and discer were grading and decompacting soil.

October 11, the safety theme was to be aware of different safety concerns when visiting different locations on the line. The weather was overcast. At SF 21, rock pickers were on the ROW and trailers were hauling rock. At SF 23, rock pile needs to be disposed of. At SF 25, crews were putting topsoil back, an excavator was chopping up topsoil and bailing it out to a dozer, and the dozer was spreading soils. At SF 27, seeder and crimper were on the ROW. At SF 28, excavator was pulling topsoil and transition dozer was spreading material, and an excavator was levelling the ROW with rig mats. At SF 29, rock picking is completed, and A-1 fencing was onsite replacing posts and barbed wire. At SF 30, utility crew was cleaning equipment and tractor with rollers was on ROW. At SF 31, equipment was being washed, and a fuel truck was refuelling dozers with a catch basin was beneath the hose while transferring to the other dozer. At SF 39, excavators were working by marshland and wetland; and a dozer was compacting material. At SF 41, the ROW was scanned, and a dozer was broken down and awaiting service truck to arrive. Also, dozer and excavator were shaping and contouring soil. At SF 42, tractors were packing subsoil. At SF 43, dozer was spreading transition and a grader was on the ROW. At SF 44 and 46, excavator was working on wetland ramp removal. At SF 45, a dozer was spreading subsoil. At SF 47, excavator and dozer were spreading transition.

October 12, the safety theme was to ensure that fire extinguishers are working. The weather forecast was partly cloudy and rainy. At SF 64 to 81, topsoil and seconds are on ROW, and medic was onsite. At SF 28, dozer was being loaded onto flat deck, grader was levelling soils, and rig mats were stacked on ROW access. At SF 31, crews were cleaning tractor with discer, and dozer was being offloaded. Dozers were also shaping subsoil. At SF 39, crews were working on the wetland ramp, and workers were pumping water. At SF 58, ovality dig was onsite, a vac truck was loading pipeline and an excavator was ready for the dig. From SF 82 to 89, topsoil and seconds are completed. At SF 86, an excavator was onsite, lines were marked on ROW for ovality, it dug 12 inches to mark the dig area, and a lowboy was onsite to transport the dozer from the location. Later on, a rain day was declared and all crews were sent home.

On October 13, the safety theme was quality check on fire extinguishers. The weather forecast was partly cloudy. At SF 31, excavator was working on the wetland; geotec and t-posts were being removed. Grader was levelling the ROW, and an excavator was being washed at the wash station. At SF 34, medics were onsite. At SF 39, excavators were working on the wetland, an excavator was bailing ramp material to the ditch line, and crews were pumping water to pigpen. Crews loaded geotec into the dump trailer. At SF 58, hydro-vac was onsite to locate the pipeline, and an excavator was there to dig the trench, and a dozer was there to pile material.

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**



Excavator working on ramp removal – SF 25 – Oct 9, 2018



Surveyors staking anomalies from pig test– SF 53 -Oct 9, 2018



Removal of hotline ramp – SF 25 – Oct 9, 2018



Tractor discing ROW – SF 43 - Oct 9, 2018



Dozer and excavator spreading topsoil – SF 27 – Oct 9, 2018



Excavator and dozer spreading topsoil– SF 61 – Oct 9, 2018





Tractor discing on ROW - SF 54 – Oct 10, 2018



Excavator working on grade – SF 58 – Oct 10, 2018



Hydro-vac day lighting pipe – SF 53 – Oct 10, 2018



Test set up – SF 52 -Oct 10, 2018



Rig mat removal – SF 25 – Oct 10, 2018



Tractor and dozer – SF 54 – Oct 10, 2018



Wetland ramp removal – SF 44 – Oct 11, 2018



Dozer spreading out seconds – SF 34 – Oct 11, 2018



Dozer working on subsoil – SF 45 – Oct 11, 2018



Excavator working on wetland ramp removal – SF 46 – Oct 11, 2018



Fencing crew repairing posts– SF 29 - Oct 11, 2018



Wetland ramp removal – SF 39 – Oct 11, 2018





Dig site staked and ready - SF 86 - Oct 12, 2018



Crews cleaning tractor pulling discer – SF 31 – Oct 12, 2018



Grader levelling ROW – SF 31 - Oct 12, 2018



Crew at ovality dig site – SF 58 – Oct 13, 2018



Excavators working on wetland removing geotec– Km 62+600 -Oct 13, 2018



Excavator being washed – SF 31 – Oct 13, 2018



Buried geotec wetland ramp material - SF 39 - Oct 13, 2018

**APPROVALS**



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Wennell Swampy  
Senior Construction Monitor

October 19, 2018

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Date



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Daniel Tober  
Senior Environmental Scientist

October 19, 2018

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