

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

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 1**

**NOVEMBER 13<sup>TH</sup> TO NOVEMBER 17<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 November 13<sup>th</sup> to November 17<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)	No Occurrence			
Rock Formations (rocks of significance, tipi rings, etc.)	No Occurrence			
Artifacts	No Occurrence			
Bones	No Occurrence			
Potential Gravesites	No Occurrence			

### Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	No Occurrence			
Aquatic Life	No Occurrence			
Animal Observations or Burrows	No Occurrence			
Bird Nests	No Occurrence			

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Trees (Red Willow)	No Occurrence			
Wetlands	No Occurrence			
Watercourse Crossing	No Occurrence			

## 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:

21,30,33,34,36,41,49,55,58,65,69,72,85,95,100, and shoofly:

17,21,22,23,25,26,27,29,30,31,34,36,40,42,43,44,45,48,50,52,59,61.

On November 13, the daily safety theme was to ensure that loads are properly secured. The weather forecast was overcast. At SF 61, equipment was being warmed up. At SF 59, side booms are connected to pipe, tie-in valve was being worked on, and welder was cutting pipe. At SF 52, ROW is completed with topsoil, and equipment was ready to be removed. At SF 50, equipment was parked and ready to be moved off of ROW. At SF 48, Meridian survey was onsite. At SF 44, dozers were ready to be removed from the ROW. At SF 40, 42, and 45, fencing crews were putting up posts. At SF 31, excavator and dozer were stripping and preparing for ovality dig. At SF 21, ovality completed and backfilled. At SF 22, excavator was shading pipe with fine material, dozer was crushing material, subsoil was packed around pipe, and pipe was shaded and completed. At km 31+098, excavator was spooning under pipe, ovality was corrected and pressure was relieved.

November 14, the daily safety theme was mob out procedures: proper communication, abide by the rules, and use spotters when backing up. The weather forecast was windy. At SF 59, Valve tie-in side booms, and crane on site for installation (area was congested). At SF 52, fencing crew was putting up fence and posts. At SF 44, dozers were being removed from the ROW. At SF 43, fencing crew was onsite. At SF 36, corrosion services were noted. At SF 34, excavator and dozer were putting topsoil back. At SF 29, ovality crew arrived onsite with hydro vac, excavator was stripping for ovality dig, and lowboy was unloading dozer. At SF 25, excavator was being unloaded, excavator was digging subsoil around day lighted pipe, and excavator was digging under pipe with a spoon attachment. At SF 24, ovality dig backfill pipeline was returned to less than 5% deficiency, and excavator was shading in material. At SF 23, ovality dig was monitored, pipe was being shaded (and later completed), and excavator and dozer were backfilling/contouring subsoil. At SF 17, excavators and dozers were backfilling tie-in, and excavator was loading rig mats and wood blocks onto lowboy.

November 15, the safety theme was 3-point contact when exiting vehicles/equipment or getting off of ladders. The weather was cloudy. At SF 17, rig mats and wood blocks are ready for removal, excavators and dozers were putting seconds and topsoil back on ROW. At SF 22, dozer was putting topsoil back. At SF 23, dozer and excavator was putting topsoil back on ovality dig. At SF 25, dozers and excavators were backfilling ovality site; bell hole was exposed. At SF 26, excavator was working on ovality dig. At SF 29, excavator was starting ovality dig. At SF 52, equipment on ROW is ready for removal. At SF 56, fencing crew was onsite putting up posts. At SF 59, tie-in valve is

completed, and UT inspection of welds in process. At SF 61, crane arrived with a load of sheet pilings for bell hole excavators.

November 16, the safety theme was to be cautious when driving on icy roads. The weather forecast was overcast. At SF 61, excavators were installing sheet piles in bell hole for stability of trench walls. At SF 59, hydro vac was clearing below the pipeline in the bell hole for stability lines. At SF 34, excavators and dozers were pulling topsoil and spreading it on ROW. At SF 30, hydro vac and excavator was locating ovality on pipeline. At SF 26 and 29, ovality dig complete and topsoil has been replaced. At SF 17, clean up on the ROW has been completed.

On November 17, the safety theme was frostbite, always be prepared for the cold weather. The weather forecast was windy. At SF 22, ovality site was inspected, however, geotec and rig matting were left at the roadside. At SF 25, excavator and dozer were compacting, pulling topsoil, and dozers were putting topsoil back on ovality dig site. At SF 27, excavators and dozers were covering up ovality dig. At SF 30, excavator was digging ovality. At SF 34, dozers were compaction soil, and the area is completed.

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**



Equipment ready for removal – SF 44 – Nov 13, 2018



Dozer and excavator backfilling ovality dig– SF 75 – Nov 13, 2018



Excavator shading pipe – SF 22 – Nov 13, 2018



Excavator spooning under pipe – SF 22 - Nov 13, 2018



Ovality dig - SF 21 – Nov 13, 2018



Replacing backfill– SF 22 – Nov 13, 2018



Excavator and dozer replacing topsoil – SF 34 – Nov 14, 2018



Fencing crew putting up posts and wire – SF 52 – Nov 14, 2018



Excavator digging ditch for ovality – SF 25 – Nov 14, 2018



Excavator shading pipe – SF 23 – Nov 14, 2018



Transition topsoil replacement – SF 17 – Nov 14, 2018



Ovality backfill – SF 24 – Nov 14, 2018





UT inspection site – SF 59 – Nov 15, 2018



Valve tie-in sheet piling delivered – SF 61 – Nov 15, 2018



Excavator pulling topsoil back on ROW – SF 17 - Nov 15, 2018



Ovality completed – SF 29 – Nov 15, 2018



Clean up complete - SF 17 – Nov 16, 2018



Hydro vac cleaning work area– SF 59 – Nov 16, 2018



Hydro vac locating pipe – SF 30 – Nov 16, 2018



Excavator and dozer spreading top soil – SF 34 – Nov 16, 2018



Dozer and excavator spreading and compacting– SF 25 – Nov 17, 2018



Excavator digging bell hole– SF 30– Nov 17, 2018



Excavator bailing ovality cuts to dozer - SF 25 – Nov 17, 2018



Laborers cleaning pipe – SF 27 - Nov 17, 2018

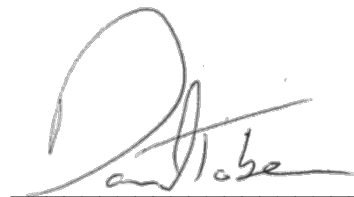
**APPROVALS**



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Wennell Swampy  
Senior Construction Monitor

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November 22, 2018

Date



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Daniel Tober  
Senior Environmental Scientist

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November 22, 2018

Date