

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 2

SEPTEMBER 4TH - SEPTEMBER 8TH

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 two. The social and cultural findings have been tabulated with locations and mitigation measures below. A summary of the construction activities has been summarized for September 4th – September 8th 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	Yes			
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 Dean Pooyak, and/or the Senior Construction monitor Drayton Kasokeo.

Weekly activities included spot-checking km 158, 159, 165, 166, 170, 173, 176, 178, 179, 180, 183, 193, 215, 216, 222, 224, 236, 253-255, 263-266; and shoofly 93, 97, 101-103, 106, 107, 109, 112, 120, 135, 136, 139, 141-143, 151, 161, 162,

On September 4, the daily safety theme was congestion on the ROW. The weather forecast was windy. At SF 151, crews were stripping topsoil from km 263 to 266. An access approach was being constructed on the west side of the road. Geo tec was on the shoulder of the road and the crew was bulking it for seconds. A tractor was pulling a mower crossed to the east side of ROW, so that crews could continue to work At SF 142, goal posts were set up above the ground (Sasktel power line at km 223+700). Topsoil was stripped from beneath the power line to have the seconds to build the access approach. At SF 141, topsoil was being stripped. A John Deere tractor was pulling a pro-till discer. Additionally, the ROW was scanned by the monitors but nothing was found. At km 222+574, a fence was constructed with barbwire to create extra workspace. At SF 162, one dozer and one track hoe were stripping topsoil. All North survey was onsite. At km 255+000, crews were installing screw piles for the bridge and another crew was offloading the screw piles on the opposite side of the bridge. At km 254+850, the access ramp was completed. At km 255+350, the excavator was moving dirt around the spill pile at Native Prairie. At km 254+900, workers were laying geo tec and prepping for bridge construction.

September 5, the safety theme was mental health awareness. Weather forecast was sunny. At SF 142, topsoil was being stripped and a cleaning station was being constructed. The hydro vac moved in to daylight the existing lines. Geo tec was laid over Sasktel lines. Wing walls were set up and swamp mats were being placed on the ground. An access ramp was built over the Sasktel Energy line crossing at km 223+598. Hydro vac was daylighting the NAL Resource line crossing at km 223+561. At SF 151, excavator and dozer were building the access ramp, and dirt was being hauled in. At SF 139, Eagle Creek was scanned. The monitors looked through the spill piles. An excavator was stripping the ROW at km 222+648. At SF 143, dozer and excavator were stripping the topsoil. The crew had the goal post set up above Sasktel power line before the excavator and dozer started to work. Soil was being stripped to build the access approach. At SF 162, crews were working on screw piles. At km 255+175, welding and cutting of pipes were observed. At km 236+740, access crew was prepping ramp at drainage SK-WC16.

September 6, the daily safety theme was watch out for farmers and equipment. The weather forecast was sunny. At SF 141, soil was being stripped and the area was scanned for artifacts. Seconds were stripped and the dozer started grading at km 222+390. Excavator was moving pipes at this location. At SF 142, hydrovac was daylighting; additionally, access ramps were completed. At SF 143, access crew were

ramping the approach. At SF 151, access crew completed ramp for drainage, and a dozer and track hoe were moving dirt. At km 236+650, track hoe was working on ROW. At km 236+800, two excavators were moving dirt and stripping ROW. At SF 162, screw piles were being pounded for bridge access at the creek.

September 7, the safety theme was green hands and driving on grid roads. Also, always sign on the crew's field level hazards assessment, to find out the hazards and how to mitigate them before entering an area. The weather forecast was windy. At SF 101, picker was loading augers. Medcor was on location at SF 107; additionally, three booms were working. The boring crew was monitored at SF 109, and stringing crew was stringing pipe at km 180+100. At SF 112, crews were loading augers and breaking down booms. Crews were crossing equipment at SF 120. Three dozers were pushing topsoil at SF 136. At SF 141, crews were building the access ramp over the rare plant area (km 222+670). Pipe was laid in the low area for water to continue to flow. Wing walls were constructed for the ramp. Once the ramp was completed, an excavator started stripping soil at the top of the hill. Access ramps were completed at SF 142; and, dozers and excavators were pushing dirt. At SF 143, crews were crossing equipment. Access ramp for drainage was completed at SF 151. At SF 161, the access bridge was being constructed at the creek. Drayton volunteered at the Enbridge community BBQ at the end of the day.

On September 8, the safety theme was reviewing the ERP. The weather forecast was sunny with wind. At SF 93, the bending crew was at work. A fuel truck came by to fuel equipment and the mechanic was onsite working on a boom. At SF 97, crews were working on the aqua dam. They were setting up a retaining wall. Four dam bags were set and filled (water pumps set up). At SF 101, crews started to spray soil piles. A tank truck was spraying water with a water cannon. An excavator with a spray bar was spraying to stop the piles from blowing away in the wind. At SF 106, the track bore crew were welding on the third casing and auger for the bore. An excavator was digging at the disconnect bore bay on the North side.

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



Heritage area, bridge prep – km 254+900 – Sept 4, 2018



Bobcat stringing out screw piles – km 255+000 –Sept 4, 2018



Looking for artifacts - Km 255+ 230 – Sept 4, 2018



Offloading screw piles – km 255+ 350 – Sept 4, 2018



Soil stripping - SF 151– Sept 4, 2018



ROW tilled and stripped – Km 222+580 – Sept 4, 2018



Dozer building access ramp for drainage – km 236+700 – Sept 5, 2018



Crew laying geo tec – km 255+100 – Sept 5, 2018



SaskTel Ramp being constructed – Sep 5, 2018



Topsoil being stripped – km 222+648 – Sept 5, 2018



Installing screw piles - km 255+175 – Sept 5, 2018



Ramp installation – km 236+740 – Sept 5, 2018



Excavator stripping soil – km 236+800 – Sept 6, 2018



Excavators working on ROW – km 236+478 – Sept 6, 2018



Seconds being stripped - km 222+650 – Sept 6, 2018



Grading in Heritage Area – km 222+300 – Sept 6, 2018



Equipment moving dirt - km 236+650 – Sept 6, 2018



Ramps are built - km 223+675 – Sept 6, 2018



Equipment – SF 101 – Sept 7, 2018



Flaggers were used to move equipment – SF 126 – Sept 7, 2018



Breaking down boom – km 183+420 – Sept 7, 2018



Equipment crossing - km 193+775 – Sept 7, 2018



Access ramp and crew grading ROW on Sept 7, 2018



Stripping topsoil – km 222+800 – Sept 7, 2018



Excavator filling tank – SF 102 – Sept 8, 2018



Excavator digging bore bay – km 176+364 – Sept 8, 2018

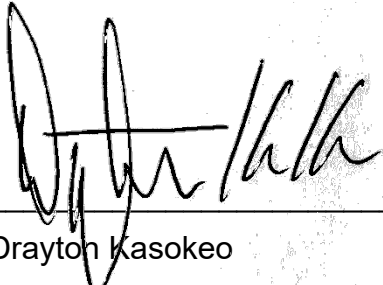


Bending Crew - km 158+270 – Sept 8, 2018



Building Aqua dam - km 165+300 – Sept 8, 2018

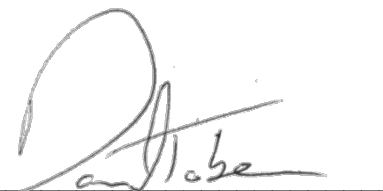
APPROVALS



Drayton Kasokeo
Senior Construction Monitor

September 13, 2018

Date



Daniel Tober
Senior Environmental Scientist

September 13, 2018

Date