

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 1

SEPTEMBER 25TH TO SEPTEMBER 29TH

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 September 25th to September 29th, 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 29-32,34,36-41,54-60, 62, 64, 65, 66,80,100; and shoofly 7,10,22-24,26-29,31-41,48,60,61.

On September 25, most areas on the ROW were saturated due to rain. The monitors were sent home.

September 26, the daily safety theme was attitude. It's important not to judge/criticize anyone, be patient as the experience is a learning curve. The weather forecast was overcast. At SF 10, surveyors were at the access. At SF 23, the skidsteer was loading ROW with wood debris into dump trailer. Skidsteer was picking rocks and crews were installing wattles at SF 22. At SF 28, dozer was loaded onto lowboy for transport, crews were cleaning equipment, crews were pumping water into the field, and an excavator was dismantling the wash station. At SF 29, skidsteer was off loading matting. At SF 31 and 32, excavator was loaded with matting. At SF 34, utility crew were rough cleaning the excavator. At SF 35, the wash station is set up, excavator was bailing soils to dozer, and the dozer was shaping subsoil. Additionally, excavator ramp removal, oiler flagging traffic, and the excavator hauled geotec from wetland. At SF 36, crews were pumping water. At SF 38 and 39, three dozers were shaping subsoil, and one excavator was pulling roach. At SF 40, dozer was shaping the ROW and grader was levelling.

September 27, the safety theme was house keeping on the ROW. The weather was overcast. At SF 23 and 24, rock pickers were on ROW. At SF 27, dozers were shaping subsoil, and crews were pumping water. At SF 28, utility crew was pumping water off of ROW. At SF 31, woodpile was ready for disposal at access. At SF 33, lowboy was hauling rig mats. At SF 34, utility crew was pumping water out of trench. At SF 35, dozer was decompacting soil and grader was shaping. At SF 36, grader was working. At SF 38, crews were offloading skidsteer and dropping off the material on the ROW. At SF 39, dozer and excavator were shaping subsoil, and an excavator was moving cattle gate. At SF 40, utility crew was pumping water, dozers were shaping subsoil and grader was levelling. At SF 48, dozers were shaping and contouring subsoil, and excavator was pulling roach. At SF 60, workers were prepping dozer and excavators for work on ROW. At SF 61, dozers, excavators and grader were parked and waiting for crews to arrive.

September 28, the safety theme was to double-check the ropes when using portapies. The weather forecast was partly sunny. The monitors went on a site tour with representatives/visitors from different First Nations. They travelled to kickoff in Hardisty, discussed the construction process and answered questions about reclamation work on ROW.

On September 29, the safety theme was to be alert when approaching the side road at Metiskow station. The weather forecast was partly sunny. At SF 7, the fencing crew was at work. At SF 23, utility crew was moving skidsteer, and crews were loading trailers to transport for cleaning. At SF 26, dozers and excavators were working transition and topsoil; also, dozer was packing on ROW. At SF 27, crews were working on berms at ribstone, utility crew was pumping water, and dozer and excavator were working on transition. At SF 28, crews were pumping water. At SF 29, trailer was being washed at wash station. At SF 33, excavator was removing rig mats, and dozer was stacking mats at the access. At SF 34, excavator was loading soil onto haul truck, and utility crew was rough cleaning equipment. At SF 35, dozers were working transition, excavator was loading rock truck and dumping material and equipment was being washed. Also, test welders were working under hoarding, and shaping and contouring were taking place on ROW. At SF 35 and 36, most of the soil has been replaced. Dozers were shaping and contouring soils, and excavator was bailing soils to dozers. At SF 39, dozer and excavator were spreading wet soil out to dry. Crews were pumping water and fixing the water pumps. At SF 40, grader was levelling, and dozers were shaping and contouring subsoil. At SF 61, crews were shut down.

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



Worker loading rocks onto skidsteer – SF 23- Sept 26, 2018



Utility crew rough cleaning excavator – SF 37 -Sept 26, 2018



Water pumping – SF 36 – Sept 26, 2018



Excavators bailing out soil to dozers – km 56+000 - Sept 26, 2018



Lowboy transporting excavator – SF 28 – Sept 26, 2018



Ramp removal – SF 35 – Sept 26, 2018



Spread 2 crew starting up - SF 61 - Sept 27, 2018



Grader shaping subsoil – SF 36 - Sept 27, 2018



Dozer shaping and contouring – SF 40 – Sept 27, 2018



Water pumping at access – SF 27, Sept 27, 2018



Dozer spreading topsoil and excavator working on roach – Sept 27, 2018



Dozer decompacting and shaping – km 58+200 – Sept 27, 2018



FN site tour at kickoff – SF 1 – Sept 28, 2018



Site tour picture – SF 28 – Sept 28, 2018



Water pumping – SF 28 – Sept 28, 2018



Excavator narrowing access ramp – SF 35 – Sept 28, 2018



Dozer spreading seconds – SF 26 - Sept 28, 2018



Utility crew pumping surface water – SF 28 – Sept 28, 2018



Wood debris pile - SF 61 - Sept 29, 2018



Excavator and loader moving rig mats – SF 33 – Sept 29, 2018



Excavator loading rock truck - SF 35 - Sept 29, 2018



Equipment cleaning at wash station – SF 29 – Sept 29, 2018



Rough cleaning equipment - SF 34 - Sept 29, 2018



Excavator loading soil onto haul truck – SF 34 – Sept 29, 2018

APPROVALS



Wennell Swampy
Senior Construction Monitor

October 3, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 3, 2018

Date