

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 1

SEPTEMBER 4TH TO 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 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 4th to 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	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 13,14,16,17,21,25,27,29-39; and shoofly 1-11,18-30.

On September 4, the safety meeting covered farmers and driving conditions. Weather forecast was rain. Work shut down for the day.

On September 5, the safety theme was to ensure that vehicles are in good working condition. Weather forecast was mainly sunny. At SF 3, fencing at access is completed; but unused posts remain at the access road. At SF 4, fencing crew was working. At km 13+100, crimping and bale busting, and rocks were piled and ready for pick up at SF 10. Seeders were on the ROW at SF 11. Materials were piled and ready to be disposed at SF 18 and 19. AT SF 18, skid steer was loading dump truck with rock, and crews were installing straw dams on the hill before the wetland. Tractor was harrowing at km 27+100; wood debris and geo tec was piled at the ROW access. At SF 20, tractors were pulling discer and dozer was being loaded onto flat deck trailer. Also, excavator was working on rock pile, and excavator was crossing the road with flagger. At SF 21, crews were rough cleaning excavator tracks at the cleaning station. Excavator was loading haul truck with rocks for disposal. Excavator and dozers were moving in seconds and topsoil on ROW. Dozers were placing transition and topsoil on ROW at km 30+450. At SF 23, rocks were piled and ready for disposal at both access routes, dozers were shaping and decompacting at km 32+700. Dozers and excavators were decompacting and working on subsoil at SF 24. Utility crew was picking rocks at km 35+500. At SF 25, excavators were working on ramp removal; flaggers were performing traffic control on HWY 41.

September 6, the daily safety theme was to pay attention to your body, drink lots of fluids and see a doctor if necessary, as weather is changing. The weather forecast was windy. At SF 27, mechanic was servicing dozers. Ramp removal was taking place at the access road at SF 26. Flaggers were performing traffic control at hwy 41. At SF 25, dozer and grader were levelling the ROW, excavator was loading marooka with rock, and wetland ramp removal was being observed. Additionally, excavator was piling rocks, and dozers were shaping and decompacting subsoil. At km 36+100, rock picker with tractor and tractor harrowing on the ROW. At SF 23, excavator was at the rough cleaning station. Rocks were piled at the access of SF 23; as well as, tractor discing, loading of dozers onto lowboy and cleanup on the ROW. At SF 22, dozers and excavator were working on transition and topsoil, and crews were removing ribbon. At km 30+450, cleaning station was removed. Wetland ramp was being removed at km 30+200. Crews were rock picking, piling wood debris and marooka was being loaded at km 26+700 to 28+500. At SF 20, skidsteer and tractor were loading debris on to dump truck. At SF 21, dump truck was being loaded with rock, and excavator was levelling off

topsoil. Seeders were on the ROW at SF 17. At SF 14, bale busters and straw crimping was in progress. At SF 8,10 and 12, straw crimping is complete. Fencing crew was touching up posts and fencing at SF 9.

September 7, the safety theme was distracted driving. The weather was cloudy with light rain. At SF 28, lowboy was unloading dozer, roller was compacting soil on ROW, and haul truck was unloading soil. The rock picker was on the ROW, excavator roach removal and dozers were working on ROW soils to dry out at SF 27. At SF 26, excavator was pulling roach to access, dozers were levelling and tractor was discing. At SF 25, lowboy was removing rig mats, and harrowing on the ROW. At SF 24, excavator was working remediation on ROW, and tractor was discing. At SF 23, excavator was placing topsoil back on ROW, and grader was spreading and levelling out topsoil. The monitors observed a crane loading rock picker attachments for transport, and the mechanic was working on excavator. Culvert was exposed at access in prep for removal at km 32+700. Dozer and excavator were placing topsoil back on the ROW at km 33+500. At SF 22, dozer was working soil remediation from ramp removal of the wetland area. At SF 21, dozer was working sub soil, geo tec and rocks were piled for disposal, and utility crew dismantled cleaning station. At SF 20, skidsteer was piling wood debris near ROW access, and crews were piling rock and wood debris. At SF 17, bale busting and crimping was observed on the ROW. Bale busting and crimping is completed at SF 14, 15 and 16.

September 8, the safety theme was pulling trailers. It is important that all hook-ups are inspected and properly latched before pulling a trailer. The weather forecast was a mix of sun and clouds. At SF 28, grader was shaping and decompacting subsoil, excavator ramp removal, rock truck was bringing ramp material to ROW and spreading it out. Additionally, three tractors were pulling rock pickers and dozers were back blading. At SF 27, rock picker was dumping rocks at rock pile, tractor was cultivating, lowboy was loading marooka and removing from ROW, lowboy was loading excavator and removing at ROW. Water truck and haul truck arrived onsite. Utility crew was rock picking at km 37+400. The area was very congested. At km 39+900, haul truck was dumping soil and material, excavator was loading rock onto haul truck, and dozer was spreading out soil and loading and stacking pallets. At SF 25, dozer was shaping and decompacting, and rock picker was escorted to the ROW. At SF 24, excavator and dozer were decompacting. At SF 23, excavator was moving topsoil back on ROW, utility crews were removing signage, excavator was crossing and flaggers were on traffic control. Culvert was removed from ROW access and wood debris was piled at km 32+700. At SF 22, a dozer was at the cleaning station, excavator was being offloaded and dozer and excavator were gathering geo tec for disposal by the utility crew. At SF 21, access road rig mats and rocks need to dispose, dozer was spreading out soil, skidsteer and utility crew were gathering wood debris. At SF 20, dozer was working on final grade and worker was picking up leftover material on ROW. At SF 16, tractors were bale busting and straw crimping. At SF 7, crews were pounding posts and wire stretching, as well as painting posts.

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 loading rocks onto haul truck – SF 21 - Sept 5, 2018



Excavator being cleaned at cleanign station – SF 21 -Sept 5,2018



Excavator wetland ramp removal – km 30+200 - Sept 5, 2018



Crews rough cleaning dozer – SF 21 – Sept 5, 2018



Dozer and excavator shaping subsoil - SF 23 - Sept 5, 2018



Utility Crew fencing - SF 9 - Sept 5, 2018



Blade busters and straw crimpers – SF 14 – Sept 6, 2018



Wetland ramp and geo tec removal– SF 22 – Sept 6, 2018



Excavator pulling soil back– km 38+100 – Sept 6, 2018



Skidsteer loading dump trailer on ROW – SF 20 – Sept 6, 2018



Tractor discing – km 32+600 – Sept 6, 2018



Removing ramp access – SF 26 – Sept 6, 2018



Discing on ROW – km 34+100 – Sept 7, 2018



Dozer loaded for transport – km 39+400 – Sept 7, 2018



Crane loading picker attachments- SF 23 - Sept 7, 2018



Dozer pushing soils on ROW – SF 28 – Sept 7, 2018



Excavator putting topsoil on ROW – km 32+500 - Sept 7, 2018



Haul truck unloading unloading soil – SF 28 – Sept 7, 2018



Dozer and grader working on subsoil- SF 28 – Sept 8, 2018



Harrowing and dozer subsoil – km 35+500 - Sept 8, 2018



Excavator being loaded unto lowboy – SF 27 – Sept 8, 2018



Culvert removed from access – SF 23 – Sept 8, 2018



Tractor pulling spike – SF 27 – Sept 8, 2018



Post pounding, crews fencing – SF 7 –Sept 8, 201

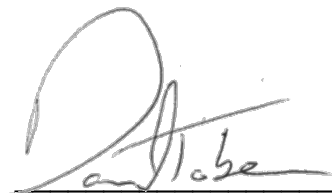
APPROVALS



Wennell Swampy
Senior Construction Monitor

September 13, 2018

Date



Daniel Tober
Senior Environmental Scientist

September 13, 2018

Date