

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

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 1

SEPTEMBER 30TH TO OCTOBER 6TH

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 30th to October 6th, 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 21,32-40,53-56,58-66,68,81-83,88,89,100, 102; and shoofly 7,17,20,21,23,25-28,30-42,49,50,52,55,60,62,63,66.

On September 30, the daily safety theme was fatigue on the job. Be sure to take mini breaks. The weather forecast was partly cloudy. The fencing crew was at SF 7. At SF 21, rocks need to be removed from the ROW. At SF 26, dozers were spreading seconds, and excavator was loading rocks onto the utility trailer. At SF 27, utility crew was pumping water, dozer and excavator were pushing seconds and corrosion control blankets were being laid down. In general, permanent diversion berms were being constructed in the area. At SF 28, cleaning station was set up and crews were pumping water. At SF 33, dozer was working topsoil, and an excavator was working on ramp removal and removing geotec. Rig mats were stacked at SF 34. Also noted between SF 33 and 35, crews were loading marooka with wood debris, and crews were pulling goal posts. Excavator was working on topsoil, dozer was packing, skidsteer was removing wattles, and dozer and grader were spreading topsoil at SF 35. Additionally, excavator was being cleaned at the wash station, and another excavator was being loaded onto lowboy for transport. At SF 36, grader was shaping sub soil, and excavator was working topsoil with flat blade. At SF 37, utility crew was rough cleaning equipment, and dozers were pulling transition and decompacting soil. Grader was shaping subsoil at SF 38. Ramp removal with spotter was noted at SF 39. Between km 62+200 to 64+300, grader was levelling, dozers were shaping and contouring, excavators were pulling in soil for dozers and crews were loading broken laths. At SF 40, tractor was harrowing, excavators were removing hotline ramp, and dozers were shaping and decompacting. At SF 41, dozers were shaping and contouring. At SF 42, grader roach removal and contouring. At SF 49, crews were fixing road signs, and dozers were shaping and contouring on the ROW.

October 1, the daily safety theme was fire prevention. The weather forecast was cloudy. At SF 10, surveyors were at the access. A farmer was checking out the ROW at SF 20. Fencing crew were noted at SF 21. At SF 25, rock picker and tractor were on the ROW, crane was picking up rig matting at the entrance, and excavator and dozers were working on the final grade. At SF 27, dozers were shaping and contouring subsoil, dozers were waiting at the wash station, and excavator hotline removal was in progress. At SF 28, crews were loading material onto trailer. At SF 32, utility crew was picking wood debris and loading it onto the marroka, and the marooka was hauling the wood debris for disposal. AT SF 33, excavator was putting topsoil back, spotter was used, dozer was spreading topsoil on the ROW, and ramp removal at the access was noted. At SF 35, excavator was pulling access ramp to the north side of road 34, dozers and excavators were shaping and contouring, excavators was levelling soils and equipment was waiting to be washed. At SF 36, topsoil was piled and ready to be spread, dozers were shaping subsoil and excavators were bailing soils to dozers. At SF 37, equipment was lined up and waiting to be washed, and grader, dozer and excavator were working on transition. At SF 38, transition was spread on the ROW. At SF 39, dozer and excavator were decompacting, and excavator was moving cattle gate. At SF 40 and 41, dozers and excavators were shaping subsoil. At SF 50, grader was shaping subsoil. At SF 62, the Texas gate was being replaced, and equipment was parked and waiting for crew to arrive.

October 2, the safety theme was wildlife. The weather was overcast. Crews were on standby due to wet conditions on the ROW at the following SF locations: 25, 27 and 28. At SF 25, rock pickers were monitored and dozers were fuelling up. At SF 27, dozer was being loaded onto lowboy, and dozer was levelling topsoil. SF 33 ramp removal was completed, and crews were removing geo tec. At SF 34, loader was loading mats onto lowboy and the lowboy was hauling mats off of the ROW. At SF 35, loader was loading mats onto flat deck, crews were washing equipment and removing goal posts; also, excavator was being loaded onto lowboy. At SF 36, dozers were shaping subsoil, and excavator was bailing subsoil to dozer. At SF 37, dozer was being washed and topsoil was being replaced. At SF 38, equipment was crossing the road, equipment was being cleaned up, debris was piled at ROW access, and lowboy unloaded dozer at access. At SF 39, excavators and graders were levelling subsoil, and an equipment wash station was being set up. At SF 40 and 41, grader was levelling, tractor was pulling discer and crews were offloading garbage at ROW access. At SF 42, grader and dozer were levelling subsoil. At SF 61 and 62 there was no activity.

October 3, the safety theme was house keeping, in work areas and in vehicles. The weather forecast was partly sunny and cloudy. At SF 17, crane and lowboy were loading piping onto trailer. At SF 21, survey crew were re-staking site and fencing crew was on the ROW. At SF 25, mechanic was servicing dozer, wood debris were being piled, rock pickers and tractor with rollers on ROW, excavators were pulling topsoil and bailing it to dozers, and dozer and excavator were spreading out seconds. At SF 26 and 27 access road rig mats need to be removed. At SF 27, excavator was working on berms, crews were cleaning kabota tractor with discer, and a crane was loading rig matting onto flat deck trailer. At SF 29, dozer was back blading topsoil and crews were fixing goal posts. At SF 34, wood debris at access needs to be removed. At SF 35, crews were cleaning the ROW. At SF 37, dozer was back blading shaping topsoil and mechanics were repairing harrow blade on tractor. At SF 40, excavator was working on hotline crossing, and tractor and discer were working on ROW. At SF 52, crane was loading pipe onto flat deck and crews were crossing with excavator. At SF 62, there was no activity. Dozers and excavators were spreading and contouring subsoil at SF 25, 27, 28, 38, 39 and 41.

On October 4, the safety theme was 3 point 1 contact when exiting equipment and vehicles. The weather forecast was partly cloudy. At SF 24 and 25, rock pickers were on the ROW. Dozer was decompacting soil, excavator was bailing soils, dozers were shaping and contouring, equipment was refuelling at access, crews were loading wattles, and tractor was pulling ripper at SF 25. Crews were cleaning equipment at wash station at SF 27. At SF 28, dozers were shaping and contouring soils and excavators were building diversion berms. At SF 29, dozers were placing last of topsoil, and excavator and dozer were shaping and contouring ROW with rig matting. At SF 34, testing crew was onsite. Seeders were on ROW at SF 35. At SF 36 and 37, access road mechanic was servicing equipment and dozer lowboy was waiting to be transported. At SF 36, dozer was working on final grade, and loader was unloading rock at access. At SF 38, access road excavator was replacing rig mat, and dozers and excavators were shaping and contouring soils. Equipment was being cleaned at SF 39. At SF 40, dozers were pushing topsoil and excavators were bailing and levelling. Grading, shaping and contouring were taking place at SF 42 and 43. At SF 52, 53 and 54, grader was shaping subsoil. At SF 55, excavator was working on final grade. At SF 60, wood debris was being burned and equipment was being refuelled, and tractor harrow and discer were working on the ROW. At SF 63, migratory bird conservation site is noted, and equipment was waiting to be refuelled.

October 5, the safety theme was zero tolerance for drug and alcohol when working. The weather forecast was sunny. At SF 25, crews were cleaning a tractor pulling ripper and marooka at cleaning stations, compaction testing was monitored, and a tractor was pulling roller east. At SF 27, crews were removing goal posts, grader was levelling and an excavator track packing

ROW access. At SF 28, grader was levelling ROW and excavator and dozer were spreading topsoil on ROW. At SF 29, dozers were pushing topsoil and levelling it out, tractor was harrowing, and excavators were bailing out topsoil. At SF 36, site crew was bale busting and crimping. At SF 39, crews were washing dozer, and excavators were bailing out topsoil. At SF 54, excavator was working on subsoil. At SF 55, grader was shaping subsoil. At SF 60, excavator was working on subsoil, and excavator was spreading out wood debris from burn pile. Excavator was working on access road (ramp removal) with a spotter at SF 61. At SF 63, dozer was on ROW prepping. Dozer was shaping and contouring soils at SF 25, 27, 28,39, 40, 53, 62 and 63.

October 6, the daily safety theme was home safety, check fire extinguishers and ensure that there is a safety plan in place. The weather forecast was sunny. At SF 23, soil profiles were being checked. At SF 25 and 26, tractor was cultivating ROW, equipment was being cleaned, utility crew were cleaning up, and crews were rock picking and loading up rocks into a trailer. At SF 27, dozer and grader were spreading topsoil, and rocks and cleaning station material needs to be cleaned up. At SF 28, crews were wrapping up wash station geotec, dozers were pushing soils, and a grader was levelling using rig mats so that dozer can access wetland. Also, access road geotec and stakes need to be disposed. At SF 30 and 31, crews were rock picking, an excavator was working subsoil to dry out, a tractor was pulling discer and an excavator was being unloaded at SF 30 access. At SF 35, seeders, bale busters and crimpers were on the ROW. At SF 36, site crew – seeders, bale busters, and crimpers, were working. At SF 37 and 38, lowboy was loading rigmats without the use of flaggers. At SF 38, side by side harrowing on ROW. At SF 39, excavators were bailing out topsoil to dozers, and dozers were levelling ROW. At SF 40 and 41, dozers were pushing seconds, ROW access ramp has been removed and excavator was at the wash station. At SF 42 and 43, tractor was pulling discer. At SF 44, crews were pumping water. At SF 52, testing crew was on ROW, and excavator and side boom on site. At SF 56, excavators were working on grade/clay piles. At SF 62, access road mechanic starting dozers for construction operators as they were in a safety meeting. Dozers were shaping and contouring topsoil at SF 25, 26, 28,40,41,42,43,54,55,56.

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 topsoil with flat blade – SF 36 - Sept 30, 2018



Fencing Crew – SF 7 -Sept 30, 2018



Berm Diversions – SF 27 – Sept 30, 2018



Topsoil and utility crew – SF 36 - Sept 30, 2018



Dozer and excavator on ROW – SF 36 – Sept 30, 2018



Excavator hotline ramp removal – SF 27 – Sept 30, 2018



Excavator and dozer touching up final grade - SF 25 – Oct 1, 2018 Marooka loading wood debris for disposal – SF 27 – Oct 1, 2018



Excavator moving cattle gates – SF 39 – Oct 1, 2018



Dozers waiting to be cleaned – SF 27, Oct 1, 2018



Texas gate replacement – SF 62 – Oct 1, 2018



Excavator taking down topsoil – km 54+700 – Oct 1, 2018



Excavator moving topsoil back onto ROW – SF 36 – Oct 2, 2018



Loader moving rigmats onto lowboy – SF 34 – Oct 2, 2018



Utility crew cleaning station – SF 37 – Oct 2, 2018



Excavator taking down topsoil – SF 36 – Oct 2, 2018



Crew rock picking – SF 25 - Oct 2, 2018



Loader loading mats for transport – SF 35 – Oct 2, 2018



Mechanic working on tractor and ripper - SF 37 - Oct 3, 2018



Crews cleaning Kabota tractor – SF 27 – Oct 3, 2018



Dozer spreading out topsoil – km 60+900 - Oct 3, 2018



Rocks piled and ready for disposal – SF 38 – Oct 3, 2018



Rock debris at cleaning station - SF 38 -Oct 3, 2018



Dozer decompacting subsoil – SF 38 – Oct 3, 2018



Dozer shaping sub soil - SF 53 -Oct 4, 2018



Excavator replacing rig mats – SF 38 – Oct 4, 2018



Dozer working subsoil - SF 54 -Oct 4, 2018



Seeder on ROW – SF 35 – Oct 4, 2018



Excavator leveling topsoil with rig mats - SF 29 -Oct 4, 2018



Excavator access ramp removal – SF 54 – Oct 4, 2018



Tractor harrowing on ROW - SF 29 -Oct 5, 2018



Excavator working on access road with spotter – SF 53 – Oct 5, 2018



Clay pile from test dig ups - SF 35 -Oct 5, 2018



Crews cleaning tractor – SF 25 – Oct 5, 2018



Dozer shaping subsoil - SF 62 -Oct 5, 2018



Tractor/harrow – SF 29 – Oct 5, 2018



Dozer shaping subsoil - SF 54 - Oct 6, 2018



Mechanic starting dozer crew in safety meeting – SF 61 – Oct 6, 2018



Tractor cultivating ROW - SF 25 & 26 -Oct 6, 2018



Crews water pumping – SF 44 – Oct 6, 2018



ROW seeded and crimped – km 59+600 - Oct 6, 2018



Lowboy with crane loading mats – SF 38 – Oct 6, 2018

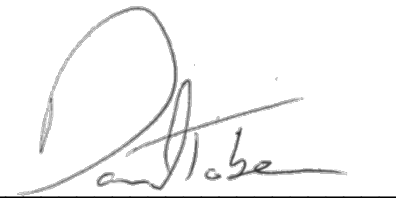
APPROVALS



Wennell Swampy
Senior Construction Monitor

October 12, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 12, 2018

Date