

**SWAN LAKE FIRST NATION – MATRIX SOLUTIONS
INC. PARTNERSHIP**

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 9

SEPTEMBER 4TH TO SEPTEMBER 8TH

1. PURPOSE OF THIS REPORT

The report is a weekly summary of the daily reports submitted by the Indigenous Construction Monitors that are working on spread nine. 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	1	Bones SSKP 1041		
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

Weekly activity included continue to check access points on the ROW and checking Out Dead Horse Creek.

September 4, 2018 - Safety included: Slips-trips-falls, 3-point contact when entering/exiting vehicle, watching your footing. Be aware of wildlife, scan the ditches and fields, practice defensive driving. When entering intersection slow approach and be aware of your surroundings for on-coming traffic.

Weather/Environment: 19 degrees with a high 21. The morning activities consisted of discussing the work scope for the day as well as the ERP, Muster Points, and Hazards and controls for the work day lead by Indigenous Construction Senior Monitor, Cory Monkman. SSKP assigned to our team. KP 1041 Dead Horse Creek not too much happening yet, we as a team left to KP1057 we had done a sweep and found what I believe are cow bones, located three bones in the area KP1057.18 Made way to SSKP 1057 to monitor condition of plants and environment. Travelled along pipeline spread to monitor some progress in sensitive areas. Journeyed the right of way to ascertain the condition and of the progress on SSKP's areas of interest.

Work Forecast: Check out 1041 Dead Horse Creek, continue to monitor Spread 9.

September 5, 2018 – Safety included: Slips, trips, falls, 3- point contact when entering/exiting vehicles. Dusty so travel at a safe distance. Enter intersections at a safe speed and scan them when coming to them. Scan the ditches as you travel the roads for wildlife. Weather forecast: Sunny, with a temperature of 19 degrees. Arrived at the Morden yard, activities consisted of discussing the work scope for the day as well as the ERP, Muster Points, and Hazards and controls for the work day lead by Indigenous Construction Senior Monitor, Cory Monkman. Provided direction to go over to Dead Horse Creek, KKP 1041 and check out the ROW as they were working at the west and north end of it. Checked out the soils and the cleared areas and things were in proper order with the soil. We also followed the bio-security of protocols and bleached as we entered and exited the area. Remained a safe distance from all machinery.

Work Forecast: Return to dead Horse Creek and continue monitoring spread 9

September 6, 2018 - Safety included: Slips-trip-falls: watch your footing,3-Point contact when entering/exiting vehicles. Driving-congested areas, avoid if avoid if possible. Dusty roads-drive cautiously. Wildlife-scan the ditches and practice defensive driving.

Weather forecast: 7 degrees with a high of 22 degrees.

Arrived at the Morden yard and received the days itinerary for our team. Travelled to Dead Horse Creek SSKP 1041+OOO to do our sweep of the top soil and the ROW as there was an excavator working on the north end putting pads down. SSKP 1041+OOO-SSKP+1041+O25 Lorne Parisian found a thick diameter bone fragment. Walked along the top soil pile of earth and found some petrified stones with interesting forms unperceivable and imbedded but hidden and camouflaged into the earth and stones. Located a small stone that appeared to have what looked like it had evidence of ancient

fossil markings, left pink marking tape for the expected arrival of archaeologist Vincent Balls, MA.

Work Forecast: Return to Dead Horse Creek SSKP1041.

September 7, 2018 - Safety included: Slips-trip-falls: watch your footing, 3-Point contact when entering/exiting vehicles. Driving-congested areas, avoid if avoid if possible. Dusty roads-drive cautiously. Wildlife-scan the ditches and practice defensive driving. Buggy whips, Spotter when backing up, Spill kits and fire extinguisher.

Weather forecast: 13 degrees with a high of 19 degrees.

Travelled to Dead Horse Creek SSKP 1041+000 to do our sweep of the top soil and the ROW as there was a excavator working on the north end putting pads down. SSKP 1041+000- Lorne Parisian sweep the north to south and I sweep from 1042 east to west. Travel to kick off kp1000+000 to 1023+000 checking out the laying of pipe. Work Forecast: Return to Dead Horse Creek SSKP1041 and continue to monitor Spread 9.

September 8, 2018 - Safety included: Show caution remain wary on right of way dangers or potential problems. Being attentive when on land watching for wildlife.

Weather forecast: Partly cloudy, 13 degrees.

Handed SSKP areas that are to be monitored today. Paying close attention to significant sites that may be of interest, with possible area to be highlighted namely Dead Horse Creek. As a team, Indigenous Construction Senior Monitor Corey Monkman and Indigenous Construction Junior Grant Manningway, and myself were to be making sure that our Indigenous Construction crew would like to available to the sensitive areas highlighted for monitoring. With the quick change in the weather and the amount of precipitation that is falling is was decided that with the added safety concern that it would be wise to stay off the right-of-way to limit the undesirable excessive possibility of dangers. The new plan for the day is to use this time to sharpen up computer skills and to become more familiar with the different programs that are available to us.

Work Forecast: Day off.

Photos of Sites Visited & Topics Discussed This Week



Sept 4/18
1057.11+1057.22
Bones located in the area



Sept 5/18
SSKP 1042



Sept 6/18
1041+000 SSKP



Sept 7/18
Bones SSKP 1041



Sept 7/18
Kick off sskp 1000+000

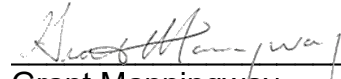


Sept 7/18
smaller stone SSKP 1041



Sept 7/18
Smaller stone along the river vs. on the ridge


APPROVALS



Grant Manningway
Junior Construction Monitor

October 26, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 26, 2018

Date