

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

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 9**

**AUGUST 27<sup>TH</sup> TO SEPTEMBER 1<sup>ST</sup>**

## 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 August 27<sup>th</sup> to September 1<sup>st</sup>, 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	Bone- SSKP 1025		
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

August 27, 2018 - Safety included: Be aware, practice defensive driving. Wet road conditions. Show caution remain wary on right of way dangers or potential problems. Being attentive when on land watching for wildlife. Communication is important to touch base to ensure all personal are safe. Handed areas to be monitored today. Paying close attention to significant sites that may be of interest, possible environmental highlights like fish, frogs in areas SSKP 1026, and SSKP 1035. Travelled along pipeline spread to monitor some progress in sensitive areas. Noted that there is a presence of construction mats in or a highway of mats laid down at Dead Horse Creek. Didn't seem to be any construction happening in this area. Journeyed the right of way to ascertain the condition and of the progress on SSKP's areas of interest. Stopped to watch progress of the advancing work along the pipeline paying attention to kick off and the bone yard. Work forecast: Work on computers, to wet to work on the ROW.

August 28, 2018 – Safety included: Dangers today are trips slips and falls due to the slippery conditions. Take regular breaks in order to minimize the tension and strain off extended prolonged sitting position. Weather forecast, cloudy with a high of 29. Rain day today, conditions on the right-of-way are too treacherous as the rain on this previous few days have drenched the work area. Work on reports. Work Forecast: To continue monitoring spread 9

August 29, 2018 - Safety included: Driving safety is paramount. Wet road conditions. Show caution remain wary on right of way dangers or potential problems. Be attentive when on land watching for wildlife. Communication is important to touch base to ensure all personnel are safe. Weather forecast: Cloudy but clearing, temperature 13 degrees. During this rain delay there is an opportunity to practice developing computer skills and how to negotiate through different programs such as e-mails, field tickets, and basic keyboarding skills, formatting reports. Handed areas to be monitored today. Paying close attention to significant sites that may be of interest, possible environmental highlights like fish, frogs in potential sensitive areas. Travelled along pipeline spread to monitor some progress in sensitive areas. Noted that there is a measure of saturation of the soil and there's not allot of action on the right-of-way. Journeyed the right of way to ascertain the condition and of the progress on SSKP's areas of interest. Work Forecast: To continue monitoring spread 9.

August 30, 2018 - Safety included: Practice safe driving. Important to be aware of potential dangers of wild life as the animals are getting ready for the mating season. Weather forecast: Clear and 13 degrees C. Handed areas to be monitored today.

Paying close attention to significant sites that may be of interest, possible environmental highlights like fish, frogs in areas SSKP 1026, and SSKP 1057 SSKP85 SSKP87. Continued to monitor progress in sensitive areas. Journeyed the right of way to survey the condition and of the progress on SSKP's areas of interest. Watched the progress of advancing work along the pipeline paying attention to SSKP 49. It would seem that there is a higher level of top soil pile higher than other areas? This morning there was only one grader there. A bit further on down the Shoe-fly it was noticed that a number of machines are ready to commence removing the top soil now. Travelled towards SSKP's 1085-86-87 taking photos of insects and birds and plants of interests and checking on the basic condition of the right of way along the way to the pump stations at Gretna. Work Forecast: Continue monitoring spread 9.

August 31, 2018 , 2018 - Safety included: Practice safe driving and be aware of weather Conditions on roads and ROW. Weather forecast, clear and 17 degrees C. Monitor significant sites that may be of interest, possible environmental areas of interest like fish, frogs and surveying for stones and bones in areas SSKP 1025 to SSKP1050. Travelled west along pipeline spread to monitor some progress in areas. Not much construction happening in these areas today likely because of the wet conditions. Travelled to check progress at SSKP 1022 to SSKP1025. While walking along the top soil pile of earth I found some petrified stones with interesting forms imbedded into the stones, further along on SSKP 1025 on or around 12:25 pm I came across some bones, 55-58 steps East of SSKP 1025.6. Contacted Corey Monkman and he made his way to Area and Mick Morison also showed up. Left a few stones along the area where bones were found for environmental would be sure to find them. Work Forecast: continue monitoring Spread 9.

September 1, 2018 – Safety included: Dusty, travel at a safe speed and distance when following any vehicles. Drink plenty of water. Watch for wildlife, scan the ditches and practice defensive driving. Weather forecast: sunny with the high 26 degrees. Junior monitors areas assigned, paying close attention to significant sites that may be of interest, possible environmental areas of interest like fish, frogs and surveying for stones and bones in areas SSKP 107, also known as Rosenheim drainage. Very dry as walking up to 1072 checking the area. The ROW is very dry and dusty. Travelled east to check the condition and progress on SSKP 1072 then walked on to SSKP 1069. Work forecast: Day off.

## Photos of Sites Visited & Topics Discussed This Week



Aug 29/18  
kick off looking to the north east as the picture  
as the was taking of 20 machines in the kick off area.



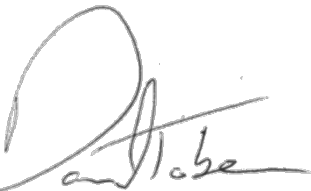
Aug 31/18  
Bone found at SSKP 1025

**APPROVALS**

\_\_\_\_\_  
Lorne Parisian  
Construction Monitor

\_\_\_\_\_  
October 19, 2018

Date

  
\_\_\_\_\_  
Daniel Tober

\_\_\_\_\_  
October 19, 2018

Date

Senior Environmental Scientist