

**MANITOBA METIS FEDERATION – MATRIX  
SOLUTIONS INC. PARTNERSHIP**

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 7**

**SEPTEMBER 4<sup>TH</sup> TO SEPTEMBER 8<sup>TH</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 seven. 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 4<sup>th</sup> to September 8<sup>th</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	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**

On September 4<sup>th</sup>, safety theme identified slips, trips, falls, wildlife, weather, traffic, school and dust; Weather/Environment, +19, sunny, wind northwest at 30 km, clean and disinfecting of vehicle and boots, pick up garbage on the ROW; SF5 (KP 816+000) monitor the big truck wash tractor and disc being fine cleaned; SF21 (KP 827+200) monitor banister sandblasting the borepipe, preparing it for powder epoxy is a fusion bond coating, SF21 (KP 827+500) monitor banister preparing the borepipe with the heat ring over weld area, ready to apply epoxy coating; SF22 (KP828+200) monitor banister run the equipment through the new added mechanical cleaning station, doing a fine job of cleaning the tracks on the dozers and excavators; all sites are clean. Work forecast: Monitor back on the line.

On September 5<sup>th</sup>, safety theme identified, slips, trips, falls, uneven ground and wildlife; weather/environment: +20, UV index 5 or moderate, clean and disinfecting of vehicle and boots, follow all biosecurity, pick up all garbage on ROW; SF9 (KP818+428) Banister installed goal post in between the powerline down the air bride wetlands ROW; SF12 (KP819+100) monitor banister laying down geotech on the area beside the 10m wetland buffer; SF22 (KP829+400) doing a little repair inside the borepipe after the repairs are complete the borepipe will be ready for sandblasting and epoxy coating.

On September 6<sup>th</sup>, safety theme identified slips, trips, falls, uneven ground and moving equipment; weather/environment, +22, UV index 5, or moderate, clean and disinfect of vehicle and boots, follow all biosecurity, pick up all garbage on the ROW when seen; SF14 (KP821+200) monitor the fencing crew, they were fencing between SF14 and SF15, it was good to see the fencing crew using spill trays for their oil, gas and chainsaw (photo); SF21 (KP 827+400) monitor direct horizontal drilling. Preparing the pilot hole for the borepipe. These methods go under obstacles without disrupting traffic and minimal environmental impact; work forecast: go back on the line tomorrow to monitor.

On September 7, 2018, safety theme identified slips, trips, falls, weather, school buses are back on road, caution; weather/environment, +22, UV6 or higher, clean and disinfect vehicle and boots, follow all biosecurity, pick up garbage on the ROW; SF14(KP 824+184) monitor banister installing geotech. The reason geotech is installed is because the water slowly passes through the geotech retaining any sediment; SF20(KP 826+000) monitor banister preparing the pilot hole going under the roadway. Once the pilot hole is complete then the reamer is attached to the bore pipe, they then pull the bore pipe under the roadway and complete; SF22 (KP828+200) monitor banister fine cleaning station, dozer's were being fine cleaned before entering into the next work site.

On September 8, 2018, safety theme identified as uneven ground, slips, trips, falls, moving equipment, dust and weather; weather/environment, +26, UV index 6 or higher, mix of sun and cloud, clean and disinfect vehicle and boots, pick up garbage on the ROW; SF21(KP827+600) monitor banister and horizontal drilling. Preparing the hot line work and doing the pilot holes (photo); SF22 (KP829+300) monitor banister preparing to attached the pull head on the bore pipe; SF 23 (KP829+000) monitor banister stripping the top soil on the ROW: work forecast: back to monitoring the ROW.

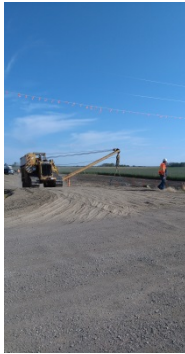
## Photos of Sites Visited & Topics Discussed This Week

### SEPTEMBER 4, 2018



SF22 (KP828+200)

Banister new added mechanical cleaning station.



SP (KP827+200)

Zoom boom moving across the roadway to unload some pipe

### SEPTEMBER 5, 2018



SF12 (KP 819+100)

Laying down geo tech on the wetlands area



SP9 (KP848+428)

Banister install goal post in between the powerlines. Down air bridge wetlands R.O.W.

## SEPTEMBER 6, 2018



SF14 (KP821+200)

Fencing crew. Fencing between Rd 14 and 15. Gas & oil in spill tray



SF21 (827+400)

Preparing the pilot hole for the bore pipe.

## SEPTEMBER 7, 2018



SF20 (KP826+000)

Monitor Banister. Preparing to pull bore pipe under roadways.



SF20 (KP826+000)

Banister getting prepared to lift the bore pipe

## SEPTEMBER 8, 2018



SF21(KP827+600)

Banister and Horizontal Drilling.  
Doing some hot lines work and pilot holes.



SF21(KP827+600)

This is where the hot line is being done.



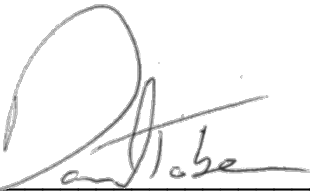
**APPROVALS**



Arnold Breland  
Construction Monitor

October 2, 2018

Date



Daniel Tober  
Senior Environmental Scientist

October 2, 2018

Date