

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 7

AUGUST 27TH TO SEPTEMBER 1ST

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 August 27th to September 1st, 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	1	Excavation of Black Creek		

		river bed.		
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Additional Observations and Summary of Activities or Concerns

On August 27th, safety theme identified: slips, trips, falls, wildlife, traffic and dust. Weather forecast, +14, humidity of +82 with a mix of sun and clouds. Fine wash completed and disinfectant on vehicle at the Brandon co-op car wash, photo taken. Went to Treherne, MB at metcalfs garage for an oilchange. Re-assess SF 23, (photo taken) where the leopard frogs were last seen between KP 831+200-831+300. SF21 5 dozers moving top soil north side of ROW. Work forecast: re-assess the ROW.

On August 28th, Housing keeping, uneven ground on ROW, drive slow when meeting vehicles, good communication with the guys on the line, wildlife are on the move this time of year. Weather forecast, +18, UV index 5, moderate risk of a thunderstorm, fog patches. SF15 – Welding is complete on the bore section; Semi unloading sideboom. Direct drilling mobilizing equipment. KP 822+500; SF16 – Signage is up (Caution KIDS AT PLAY), welding is complete on the bore (823+500); SF 17 – bore welding is complete on section KP 824+500); SF21 – equipment stripping the top soil going east (KP 827+340). Work forecast: return to monitor the line

On August 29th, safety themes, slips, trips and falls, wildlife on road, careful when travelling on gravel roads, busy time of year for farmers with equipment. Weather forecast, +23, mix of sun and cloud, UV index 6 or higher, fog patches. SF16 – KP832+500 banister is sandblasting the borepipe and coating was applied, banister did a very good job of cleaning site after coating and sandblasting photo taken; SF16 – KP823+600 sandblasting and coating was also done on bore pipe, site was also nice and clean after the work was done; SF17 – KP824+500 sandblasting and coating was also done on bore pipe; Work forecast: go back on the ROW tomorrow and monitor.

On August 30th, safety themes were wildlife, slips, trips, falls, uneven ground, weather, equipment on ROW; Weather forecast, +30, UV index 6 or higher, risk of thunderstorm, wind southwest 30km; SF8 – KP817+900, bore pipe ready to be sandblasted and coated; SF 15 – KP 822+125), bellhole and trenching ready for the pip to go under roadway (photo); SF22 – KP822+200, installing geotech on the ROW for bridge on the ROW; Work forecast: going to KP844+620 looking for rare plants.

On August 31st, safety themes was wildlife, slips, trips, falls, uneven ground, weather, equipment on ROW; Weather forecast, +24, humidex 26, 30% chance of showers today, pick all garbage on the ROW today, cleaning and disinfecting of vehicle and boots when in restricted areas; KP846+300 – rare plant *Helianthus nuttallii* var, *rydbergii*, tuberous rooted/nuttall sunflower var *rydbergii*; KP844+700 – rare plant *Cyperus Schweinitz*; KP844+700 – rare plant *Andropogon hallii* sand bluestem; Work forecast: go back on the ROW to monitor

September 1st, slips, trips, falls, wildlife, farm equipment on roadways; Weather forecast, +26, overcast; SF8 (KP800+900) the bore pipe was coated and sandblasted ready to be installed under roadway, site nice and clean; SF9 (KP818+500) geotech has been put down on wetlands; SF21 (KP818+500) semi on the ROW waiting to be unloaded with the bore pipe. Sideboom crossing the roadway to go and be unloaded. Badger trucks watering down all work site's dust control. Banister was moving an excavator on the roadway using all safety precautions. Pilot vehicles were being used while going down the roadway; Work forecast; return to monitor site's on Tuesday morning.

Photos of Sites Visited & Topics Discussed This Week



SF15 - Cleaning after sandblasting and coating - Brandon Coop Carwash



KP 831+200-831+300
Wetland habitat, facing south



SF9 (KP818-500) SF9 (KP818-500)



SF15 Complete weld - Inspection pass



Side boom crossing roadway to unload truck



KP 845+900
Gardener Snake on ROW

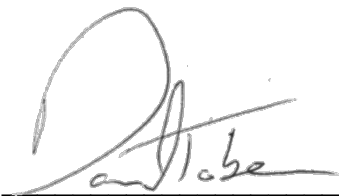
APPROVALS



Arnold Breland
Construction Monitor

October 2, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 2, 2018

Date