

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

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 8**

**OCTOBER 9<sup>TH</sup> TO OCTOBER 13<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 eight. 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 October 9<sup>th</sup> to October 13<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 October 9<sup>th</sup>, Slips, trips, falls, wide loads on the number 2 highway, spotter, tag lines, flaggers, congested work sites, wildlife, distracted driving, fatigue, farm equipment on roads, semis with long loads on grid roads, dress in layers, icy road conditions, reduced visibility when driving while snowing, take more time to stop on icy roads, defensive driving, Plus 4, cloudy. Fine clean and bleach when entering new R.M, or land owner requested wash; SF 14, east side, stringing pipe taking place, semis hauling 5 pieces of pipe each, excavator with special attachment lifting the pipe off the semis and placing it onto skids, the ROW was a little wet and muddy but the semis had no problem driving in and out of the ROW; SF 22, north side, excavator digging where boaring machine boared under the road, there are concrete barricades on the side of the road to prevent someone from driving into the open ditch as it is right next to the road; SF 22, south side, crews pumping water out of open ditch where pipe is into silt bags, open ditch is flagged and barricaded off, there are three ladders evenly spread out in the open ditch, there is a generator next to the open ditch that is in a spill tray in case of any leaks, lowering in crew is lowering in the pipe, ( 4 side booms); Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

On October 10<sup>th</sup>, Slips, trips, falls, wide loads on the number 2 highway, spotter, tag lines, flaggers, congested work sites, wildlife, distracted driving, fatigue, farm equipment on roads, semis with long loads on grid roads, dress in layers, icy road conditions, reduced visibility when driving while snowing, take more time to stop on icy roads, defensive driving; Plus 1, cloudy, windy. Fine clean and bleach when entering new R.M, or land owner requested wash; SF 8, oak creek crossing, crews pumping out water from pit where pipe is, machine is tamping down steel walls that hold the dirt from caving in; SF 20, west side, boaring under the road taking place; SF 38, east side, coating crew coating the weld on the pipe, there is also a coating inspector onsite inspecting the coating; SF 45, east side, pipe gang welding pipe together; SF 47, west side, pipe gang welding the pipe together, equipment crossing from west side to the east side, flaggers were used to stop any traffic; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

October 11<sup>th</sup>, Slips, trips, falls, wide loads on the number 2 highway, spotter, tag lines, flaggers, congested work sites, wildlife, distracted driving, fatigue, farm equipment on roads, semis with long loads on grid roads, dress in layers, icy road conditions, reduced visibility when driving while snowing, take more time to stop on icy roads, defensive driving; Plus 2, cloudy skies this morning but it cleared up nice in the afternoon. Fine clean and bleach when entering new R.M, or land owner requested wash; SF 8, oak creek crossing, crews continuing to pump water out of the trench, steel support walls being tamped down along the trench to prevent any cave ins, there are two light plants

near the trench that both have spill trays underneath them, both water pumps are also in a spill tray; SF 9, south side, pipe bender on sight bending the pipe on the ROW  
SF 21, east side, one excavator crossed the road, crews laid out tires for the excavator to drive across while flaggers held traffic, they then pulled the long black drill bit that was used to bore under the road across the road, a hydrovac was pumping out water from the trench, hydrovac then backed out onto the road and a spotter was used and traffic was held, the lowering in crew also started to lower in a long piece of pipe that was already welded together; SF 22, north side, lowering in crew has side booms attached to pipe with slings preparing to lower the pipe into the trench; SF 38, east side, trencher on sight trenching the ROW from the west to the east; SF 39, east side, mulching crew spraying green mulch on the north side of the ROW; SF 47, east side, pipe gang welding pipe together; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

October 12<sup>th</sup>, Slips, trips, falls, wide loads on the number 2 highway, spotter, tag lines, flaggers, congested work sites, wildlife, distracted driving, fatigue, farm equipment on roads, semis with long loads on grid roads, dress in layers; Plus 8, clear skies, nice day out. Fine clean and bleach when entering new R.M, or land owner requested wash; SF 8, oak creek crossing, crews pumping out water, hydro vac is on sight, not much has changed at the site since yesterday, lots off muddy water in the trench; SF 22, south side, lowering in crew lowering in pipe into the trench, three side booms holding the pipe lowering it in; SF 24, north side, one excavator digging hole for where the pipe will cross underneath the road, the operator is loading that dirt into the back of a rock truck; SF 40A, north side, ditch trenchers crossed the road from the north side to the south side of the highway, flaggers were used to hold traffic; SF 44, east side, coating crew sandblasting the welds on the pipe; SF 49, east side, pipe gang working on the pipe, welding it together; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

October 13, 2018, Slips, trips, falls, wide loads on the number 2 highway, spotter, tag lines, flaggers, congested work sites, wildlife, distracted driving, fatigue, farm equipment on roads, semis with long loads on grid roads; Plus 1, clear skies in the afternoon, very windy. Fine clean and bleach when entering new R.M, or land owner requested wash; SF 8, oak creek crossing, most of the water is out of the trench, one excavator moving mud from bottom of trench to higher ground, another excavator is then loading that mud into the back of a rock truck; SF 21, west side, tandem truck dumping gravel onto the approach, one hydro vac is on sight, one dozer scraping down the mud and ruts on the ROW; SF 38, west side, lowering in crew lowering the pipe into the trench; SF 38, east side, lowering in crew crossed the road to the east side, flaggers were used, the crew continued to lower pipe into the trench; SF 43A, east side, crews spraying green mulch onto the north side of the ROW; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

## Photos of Sites Visited & Topics Discussed This Week

October 9, 2018



SF 14, photo facing east, stringing pipe taking place.



SF 22, photo facing south east, crews pumping water, lowering pipe in.



SF 28, photo facing east, excavator digging hole for where pipe will go under the road.



SF 43, photo facing south, pipe gang welding the pipe together.

**October 10, 2018**



SF 8, photo facing west, oak creek crossing, crews pumping water out of pit, excavator moving mud out of pit.



SF 38, photo facing east, coating crews coating the welds on the pipe.



SF 47, photo facing west, pipe gang getting ready to move across the road.

### October 11, 2018



SF 8, photo facing west, oak creek crossing, excavator digging mud out of the trench, crews pumping water, machine tamping down steel support walls.





SF 39. photo facing west, trencher on sight  
trenching the ROW from west to east.

**October 12, 2018**



SF 22, photo facing south east, lowering in  
crew lowering in pipe, three side booms  
lowering in the pipe.



SF 8, oak creek crossing, photo facing west, not  
much has changed since yesterday, crews  
pumping water, hydrovac is on sight.



SF 44, photo facing east, coating crew sandblasting the welds on the pipe.

**October 13, 2018**



SF 8, oak creek crossing, most of the water is pumped out, pipe is visible.



SF 8, oak creek crossing, two excavators and one rock truck working together to clear the mud out of the trench.

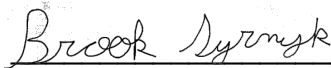


SF 43A, photo facing east, green mulch being sprayed.



SF 38, photo facing south east, lowering in crew lowering the pipe into the trench.

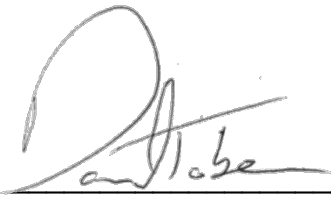
**APPROVALS**



Brook Syrnyk  
Construction Monitor

November 6, 2018

Date



Daniel Tober  
Senior Environmental Scientist

November 6, 2018

Date