

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

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 8**

**SEPTEMBER 24<sup>TH</sup> TO SEPTEMBER 30<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 September 24<sup>th</sup> to September 30<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 24<sup>th</sup>, safety theme identified, slips, trips, falls, heat, dust, 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: Environment; +9, very muddy and wet, cloudy skies, fine clean and bleach when entering new R.M, or land owner requested wash: Drove to SF 20, was then instructed to shut down for the day due to the weather impact; work forecast: continue to monitor wetland habitats and traditional areas, monitor construction.

On September 25<sup>th</sup>, safety theme identified, slips, trips, falls, heat, dust, 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: Environment: +14, cloudy this morning but clear skies in the afternoon, fine clean and bleach when entering new R.M, or land owner requested wash: SF 50, east side, spill trays under the two generators at the wash station to prevent any spills and contamination of the soil; SF 49, west side, ROW conditions were very muddy hardly drivable, inspected soil piles, one dozer back blading, one grader grading the ROW; SF 37, north side, inspect soil piles; SF 28, east side, pipe gang crew working on the pipe, side booms hauling welding shacks across the road, flaggers were used to hold traffic, two side booms carried over the long welding machine that goes inside the pipe and welds it from the inside; Work forecast: continue to monitor wetland habitats and traditional areas, monitor construction; work forecast: continue to monitor wetland habitats and traditional areas, monitor construction

On September 26<sup>th</sup>, safety theme identified, slips, trips, falls, heat, dust, 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: Environment; +15, it was very rainy and gloomy this morning but it cleared up in the afternoon, fine clean and bleach when entering new R.M, or land owner requested wash; SF 14, east side, speed dozer pushing top soil, one dozer is pulling the speed dozer, one grader grading the ROW; SF 14, west side, 11, dozers all stripping top soil pushing it to the side of the ROW; SF 30, west side, pipe gang working on the pipe, this ROW was very muddy and sloppy; \*\*Oil change today at ford in Treherne\*\*. Work forecast: continue to monitor wetland habitats and traditional areas, monitor construction.

On September 27<sup>th</sup>, safety theme identified, slips, trips, falls, heat, dust, 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; Environment; +7, fairly windy, a little cloudy, fine clean and bleach when entering new R.M, or land owner requested wash; SF 16, west side, approach installed, speed dozer pushing top soil, being pulled by a dozer, one grader grading the ROW, mechanical cleaning of the grader took place when he was done working on the ROW; SF 16, east side, culverts and rolls of geo-tech are in the ditch but not rolled out or installed, the ROW is still untouched, snow fence is set up along the entrance with a no

access sign, crews were measuring and staking out the exact area for the approach, they were also placing other steaks out in the field, a semi also came and unloaded an excavator on the road, flaggers were used to hold traffic at both ends of the road; SF 41A, crews bending pipe, 2 side booms lifting pipe and the swamper were guiding the pipe into the bender, both side boom operators had one swamper each with them; work forecast; continue to monitor wetland habitats and traditional areas, monitor construction.

On September 28<sup>th</sup>, safety theme identified, slips, trips, falls, heat, dust, 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, snow, icy roads, black ice, stopping distance takes more time on icy roads; Environment; + 4 outside today, snowy in the morning; fine clean and bleach when entering new R.M, or land owner requested wash; SF 8, west side, hydro vac hydrovacating water; SF 17, north side, 2 dozers pushing dirt moving it onto the approach to finish building up the approach; SF 22, south side, 2 excavators, one dozer, and one rock truck all working together moving soil, ROW was very muddy; SF 23, east side, 2 excavators and the trencher are sitting at the entrance, one crew is on sight; SF 24, south side, coating crew on site coating the welding joint on the pipe, ROW conditions were very wet and muddy; SF 27, west side, crews spraying mulch off the back of the truck mulch truck; work forecast; Continue to monitor wetland habitats and traditional areas, monitor construction.

On September 29<sup>th</sup>, safety theme identified, Slips, trips, falls, heat, dust, 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: +10, fairly cool outside, clear skies, fine clean and bleach when entering new R.M, or land owner requested wash, kick-off, south side, two graders and two dozers smoothing out the ROW, pipe is already in the ground and buried; SF 2, west side, town graders and two dozers smoothing out the ROW, pipe is already in the ground and buried; SF 17, north side, one excavator using the back of his bucket to smooth out the transition pile; SF 20, west side, one excavator digging the hole for where the pipe will go under the road; SF 20, east side, one hydrovac truck in the ditch hydrovacating, skid steer was on the road cleaning the mud off the road using a broom attachment; SF 24, south side, crews jeeping the pipe; SF 27, west side, coating crew coating the welding on the pipe; continue to monitor wetland habitats and traditional areas, monitor construction.

September 30<sup>th</sup>, safety theme identified, slips, trips, falls, heat, dust, 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; + 4 outside, clear skies, fairly windy which made it feel cooler, fine clean and bleach when entering new R.M, or land owner requested wash; Kick-off, south side, three dozers smoothing out ROW, pipe is buried in the ground; SF 2, west side, five dozers pushing dirt back to how it was before pipeline construction began, two excavators starting to remove the dirt used to build the approach; SF 4, west side, one grader and one dozer smoothing out ROW, pipe is buried in the ground; SF 4, east side, one grader grading the ROW, one packer packing the ROW, one excavator filling the holes

that were hydrovaced, one crew came and gathered steaks, metal posts, signage and snow fence; SF 5, west side, three excavators back filling the pipe; SF 5, east side, three excavators and two dozers back filling the pipe, packer packing the ground over the pipe down; SF 7, west side, one excavator back filling the pipe, one dozer pushing dirt from one of the piles back onto the ROW; SF 9, north side, grader grading the ROW; SF 9, south side, excavator scraping edges of the ROW; work forecast: continue to monitor wetland habitats and traditional areas, monitor construction.

### Photos of Sites Visited & Topics Discussed This Week

#### SEPTEMBER 25, 2018



SF 28, photo facing south east, pipe gang crew welding pipe together.



SF 28, photo facing south, pipe gang crew moving welding shacks across the road, flaggers were used.



SF 28 photo facing south east, two side booms moving the welder that goes inside the pipe across the road.

### SEPTEMBER 26, 2018



SF 14, photo facing west, speed dozer being pulled by dozer pushing topsoil, one grader grading the ROW.



SF 14, photo facing east, 11 dozers total all striping top soil pushing it to the side of the ROW.



SF 30, photo facing west, pipe gang working on the pipe off in the distance, ROW was very wet and muddy.

## SEPTEMBER 28, 2018



SF 17, photo facing north east, 2 dozers stripping soil.



SF 22, photo facing south, one excavator digging soil loading it into the back of the rock truck.





SF 24, photo facing east, coating crew on sight coating the weld on the pipe.



SF 27, photo facing south, crews spraying mulch off the back of the truck onto the north side of the ROW.

## SEPTEMBER 29, 2018



SF 17, photo facing south west, excavator smoothing down transition pile with the back of his bucket.



SF 24, photo facing west, crews jeeping the pipe.



SF 27, photo facing south. Coating crew coating the pipe.

## SEPTEMBER 30, 2018



SF 4, photo facing west, one grader grading and one dozer pushing soil.



SF 4, photo facing east, crews packing dirt on the ROW.



SF 5, photo facing west, three excavators back filling pipe, (excavators are a little hard to see)



SF 5, photo facing east, crews backfilling pipe.



SF 7, photo facing west, excavator and dozer backfilling pipe.

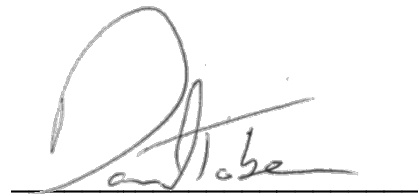
APPROVALS



Brook Syrnyk  
Construction Monitor

October 10, 2018

Date



Daniel Tober  
Senior Environmental Scientist

October 10, 2018

Date