

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 8

SEPTEMBER 17TH TO SEPTEMBER 22ND

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 17th to September 22nd, 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 17, 2018, 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, cloudy, a bit of wind, definitely getting colder, fine clean and bleach when entering new R.M, or land owner requested wash; SF 44, east side, one dozer pushing transition soil to the side of the ROW; SF 44, west side, 2 dozers pushing transition soil, one excavator separating topsoil from transition soil; SF 47, east side, one excavator grading the ROW, one dozer getting their tracks cleaned near the entrance, more dozers and excavators down the ROW pushing topsoil; SF 47, west side, top soil stripped, transition pushed to the side, still needs to be graded; SF 48, west side, multiple dozers and excavators pushing and piling top soil to the side of the ROW; SF 48, east side, stripped and graded, pump station; SF 49, west side, one dozer pushing top soil; SF 49, east side, disked; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

On September 18th, 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; +16, clear skies, a few little clouds, fairly warm; fine clean and bleach when entering new R.M, or land owner requested wash; SF 47, lowbed made four separate trips to move 4 dozers from SF 47 to SF 49, flaggers were on the road to stop all traffic, SF 48, west side, 3 dozers pushing top soil to the side of the ROW, one excavator moving top soil; SF 48, east side, pump station; SF 49, east side, 3 dozers pushing top soil to the edge of the ROW, 1 excavator moving topsoil, 1 grader grading the ROW; SF 49, west side, top soil stripping, 4 dozers moved from the west side to the east side to help continue with top soil stripping going east; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

On September 20th, 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; +11, a little cloudy with a bit of wind; fine clean and bleach when entering new R.M, or land owner requested wash; SF 10, west side, approach installed, first 200 feet of ROW stripped and graded; SF 10, east side, approach installed, first 200 feet of ROW stripped and graded; SF 11, two low beds unloaded a excavator and a dozer on the road, flaggers were used to hold traffic; SF 12, west side, approach installed, first 200 feet of ROW stripped and graded; SF 12, east side, approach installed, first 200 feet of ROW stripped and graded; SF 15, west side, hydrovacating was taking place; SF 19, east side, pipe strung out being put together, lots of people working in this area; SF 19, west side, pipe welded together; SF 48A, west side, inspect wetland, KP 993.21-993.95, wetland ID MB-178, wetland class III; SF 49, east side, 3 dozers pushing up top soil; SF 49, west side, one dozer pushing up topsoil, one grader grading the ROW; SF 49A, north side, 3 dozers pushing up topsoil; SF 49A, south side, 2 dozers pushing

topsoil, one grader grading the ROW; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

On September 20th, safety theme identified as 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, cloudy, fairly cool; fine clean and bleach when entering new R.M, or land owner requested wash; SF 49, east side, one excavator driving down the ROW pulling the transition soil away from the topsoil, making a bigger gap between the too so there not mixed together, a spotter is being used so a good job can be done; SF 49A, east side, one dozer back blading close to the transition soil pile, smoothing out the ROW, one grader grading the ROW, 3 dozers pushing up the remaining transition soil to the side of the ROW, Inspected wetland habitat, SSKP 997.54-998.00, wetland ID MB-179, wetland class III; SF 50, west side, wash station washing equipment, 6 cats cleaned and parked ready to be taken elsewhere; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

On September 21st, 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; +12, very muddy, fine clean and bleach when entering new R.M, or land owner requested wash; Drove out to 17A, the ROW was very muddy and soupy, the gravel road was also very muddy with lots of ruts due to last night's weather, we were instructed to shut down early for the day; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

On September 22, 2018, 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: +4, pretty chilly, start dressing warmer, fine clean and bleach when entering new R.M, or land owner requested wash; Drove from SF 17 down to SF 32 using the gravel roads, ROW was muddy and almost non driveable; SF 24A, west side, crews were spray-painting markings on the pipe; SF 26, south side, pipe gang crew welding the pipe together, there were about 5 welding shacks being used; Shut down at 1:00 due to the rain; Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

Photos of Sites Visited & Topics Discussed This Week

September 17, 2018



SF 44, photo facing east, one dozer pushing transition soil.



SF 44, photo facing west, 2 dozers pushing transition soil, one excavator moving soil between piles.



SF 49, photo facing west, one dozer pushing top soil.



SF 48, photo facing west, multiple dozers and excavators pushing top soil to the side of the ROW.

September 18, 2018



SF 48, photo facing west, topsoil stripping.



SF 47, photo facing north, lowbed came to pick up 4 dozers total and move them.



SF 49, photo facing east, 3 dozers pushing top soil, one excavator moving top soil, one grader grading the ROW.

September 19, 2018



SF 19, photo facing west, crews working on pipe.



SF 48A, photo facing west, wetland habitat, KP 993.21 - 993.95, wetland ID MB-178, wetland class III.



SF 49A, photo facing north east, dozers pushing topsoil, there is a grader and 4 more dozers around the corner.

September 20, 2018



SF 49, photo facing east, one excavator separating topsoil and transition. A spotter is being used.



SF 49A, photo facing east, wetland habitat, SSKP 997.54-998.00.



SF 49A, photo facing east, 3 dozers pushing up the remaining transition soil.

September 22, 2018

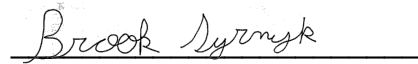


SF 24 A, photo facing west, one crew was spray-painting markings onto the pipe, there on the right hand side it's hard to see, you can also see how muddy the ROW is.



SF 26, photo facing south, pipe gang welding the pipe together.

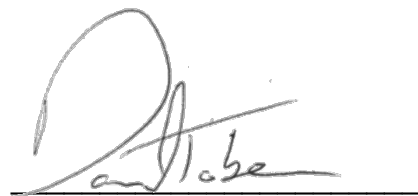
APPROVALS



Brook Syrnyk
Construction Monitor

October 2, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 2, 2018

Date