

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 8

SEPTEMBER 10TH TO SEPTEMBER 15TH

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 10th to September 15th, 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 10th, 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: +24 outside today, a little bit of wind, no clouds, fine clean and bleach when entering new R.M, or land owner requested wash; SF 43, north side, top soil all stripped and ROW graded; SF 43, south side, 2 excavators finishing up striping dirt, one grader is grading the ROW; SF 43A, west side, 2 excavators and one grader working on the ROW; SF 43A, east side, 2 dozers pushing soil to the side, one excavator scraping the edges of the ROW, one grader grading the ROW
SF 44, east side, all stripped and graded; SF 44, west side, top soil stripping taking place all the way down the ROW, multiple dozers are pushing dirt; SF 47, east side, approach installed, first 100 feet of ROW is stripped and pushed to the side, the rest is only disked; SF 47, west side, only disked, rig mats are in the ditch as well as the culvert, approach still needs to be built; SF 48, west side, quad track disk the ROW, approach is fully installed with green geotech around it: Work forecast: Continue to monitor wetland habitats and traditional areas.

On September 11th, safety theme identified, slips, trips, falls, heat, dust, wide loads on the #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: +24, very cloudy, started to thunder in swan lake at 3:00; fine clean and bleach when entering new R.M, or land owner requested wash: SF 44A, west side, 4 dozers stripping topsoil all the way down the ROW; SF 44A, east side, 4 dozers stripping top soil all the way down the ROW; SF 45, west side, speed dozer pushing dirt, crews stopped traffic while the speed dozer crossed from the west side to the east side of the road; SF 45, east side, grader grading the ROW; SF 49, west side, approach installed, top soil in within boundary line; SF 49, east side, approach installed, top soil is also within boundary line: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820, monitor mechanical logging in sensitive area.

On September 12th, 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: +16, a little cloudy outside, overall a nice day to build a pipeline
Fine clean and bleach when entering new R.M, or land owner requested wash: SF 9, north side, dozers stripping top soil, one excavator also stripping topsoil; SF 9, south side, green geotech laid in the ditch for approach, dozer starting to strip topsoil; SF 10, west side, badger hydrovac, 2 dozers have started to strip soil; SF 10, east side, top soil stripped and graded at the entrance for the first 150 feet of the ROW; SF 45, west side, top soil stripping all the way down the ROW, four dozers pushing dirt and one grader grading the ROW; SF 45, east side, four dozers also stripping top soil and pushing it to the edge of the ROW; SF 47, west side, green and black geotech laid in

the ditch as well as rig mats and culverts, an excavator operator piled dirt onto the approach then a dozer came along and finished up pushing dirt onto the approach, one dozer stripping top soil pushing it to the side of the ROW, one excavator scraping top soil from the edges of the ROW, later on the speed dozer arrived and started pushing dirt at a much faster pace; SF 47, east side, one grader starting to grade the north side of the ROW all the way down, one dozer starting to strip the topsoil. Work forecast: continue to monitor wetland habitats and traditional areas, monitor construction.

September 13, 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: +10, very wet; fine clean and bleach when entering new R.M, or land owner requested wash: shut down for the day due to last nights' rain: Work forecast: continue to monitor wetland habitats and traditional areas, monitor construction.

September 14th, 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: +19, still wet from the rain we've had; fine clean and bleach when entering new R.M, or land owner requested wash: Shut down for the day due to rain: Work forecast: Continue to monitor wetland habitats and traditional areas, monitor construction.

September 15th, 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: +13, still muddy and wet out on the gravel roads and ROW; fine clean and bleach when entering new R.M, or land owner requested wash: drove to SF 43 this morning, we were then informed by our Liason Gerald Scott to head back to Brandon due to the weather: Weather Forecast: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820, monitor mechanical logging in sensitive area.

Photos of Sites Visited & Topics Discussed This Week

September 10, 2018



Description & Location:

SF 43, photo facing south, one excavator and one grader working on the ROW.



Description & Location:

SF 43, photo facing east, 2 dozers pushing dirt, 1 excavator scraping the edges of the ROW, and 1 grader grading the ROW.



Description & Location:

SF 47, photo facing west, ROW disked and rig mats set in the ditch as well as the culvert.



Description & Location:

SF 47, photo facing east, first little bit of the ROW is cleared but the rest is only disked.

September 11, 2018



Description & Location:

SF 44A, photo facing west, top soil stripping.



Description & Location:

SF 44A, photo facing east, top soil stripping.



Description & Location:

SF 49, photo facing west, checked the top soil to make sure its within the boundary and it is.



Description & Location:

SF 45, photo facing east, speed dozer just crossed the road and getting ready to push more dirt.

September 12, 2018



Description & Location:

SF 45, photo facing east, 4 dozers pushing dirt all the way down the ROW.



Description & Location:

SF 45, photo facing west, 4 dozers pushing dirt to the side of the ROW, also one grader grading the ROW.



Description & Location:

SF 47, photo facing west, geotech, culverts, and rig mats laid in the ditch, one dozer and one excavator moving dirt to the side on the ROW.



Description & Location:

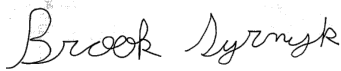
SF, 47, photo facing east, one grader grading the north side edge of the ROW, one dozer eventually came and started stripping topsoil.



Description & Location:

SF 47, photo facing west, excavator starting to pile dirt onto the approach, shortly after a dozer came and finished off making the approach.

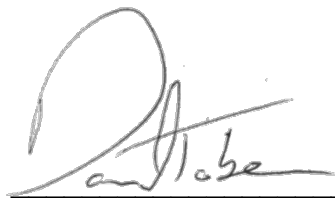
APPROVALS



Brook Syrnyk
Construction Monitor

October 2, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 2, 2018

Date