

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 8

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 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 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	N/A			

Additional Observations and Summary of Activities or Concerns

On August 27th, safety meeting identified: slips, trips, falls; extreme heat; wildlife; wide loads on highway #2; farm equipment on highway; tag lines; flaggers; congested work sites; fatigue; farm equipment on roads; semis with long loads on grid roads. Weather forecast +15 today, a bit of wind; SF 31, west side, green geotech is up for barricade around edges of approach; SF 34, west side, approach is built, slit fence and green geotech is built up around approach; SF35, north side, 3 dozers, 4 excavators all working closely stripping soil, crews layed geotech in the ditch for the approach; SF 35, south side, surveyors were surveying the ROW, mechanical logging taking place, 2 excavators clearing brush on the steep hill where the loggin took place, tractor pulling a diskor was disking the ROW; SF37, north side, one dozer and one excavator just starting to strip top soil, crews laying geotech; SF40A, east side, dozer piling dirt on approach, crews finished putting up goal posts, one excavator was stripping top soil; SF41, hydrovacng was taking place. Work forecast: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820; monitor mechanical logging in sensitive area.

On August 28th, safety theme was slips, trips, falls; extreme heat; wildlife; wide loads on highway #2; farm equipment on highway; tag lines; flaggers; fatigue; farm equipment on roads; semis with long loads on grid roads. Weather forecast, +15, rain; fine cleaning and bleach when entering new R.M., or land owner requested wash.; SF32 – crews just shut down due to rain and muddy conditions, community liaison Gerald Scott informed us to shut down early as well due to rain. Work forecast: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820, monitor mechanical logging in sensitive area.

On August 29th, safety theme was slips, trips, falls; extreme heat; wildlife; wide loads on highway #2; farm equipment on highway; tag lines; flaggers; congested work sites; fatigue; farm equipment on roads; semis with long loads on grid roads. Weather forecast, +22. Car wash in Brandon; Oil change at Metcalfe's Ford in Treherne; SF34, west side top soil stripping, east side the speed dozer pushing dirt straight down the ROW getting pulled by another dozer; SF35, south side top soil being stripped by 3 dozers and 3 excavators, north side is stripped at beginning of ROW; SF36, east side is disked, geotech is in the ditch, west side disked starting to strip topsoil, approach is built with geotech around it; SF 37, south side, approach installed with silt fence, ROW disked, north side disked; SF27A, west side tractor disking, east side has not been touched yet; SF38, KP975, west side, swept the area where logging took place, no artifacts or anything worth noting were found, will continue to monitor area, will also do another sweep when topsoil gets stripped. Work forecast: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820, monitor mechanical logging in sensitive area, continue to check boundary lines of top soil material.

On August 30th, safety theme was slips, trips, falls; extreme heat; wildlife; wide loads on highway #2; farm equipment on highway; tag lines; flaggers; congested work sites; fatigue; farm equipment on roads; semis with long loads on grid roads. Weather forecast, +34, temp rose in afternoon, fairly windy, fine clean and bleach when entering new R.M., or land owner requested wash; SF36, east side, hydrovacating taking place close to the approach, west side crews stripping the ROW all the way down, approach is installed; SF37, north side, approach built up and finished, dozer was pushing top soil close to approach, south side grader grading the ROW, approach also finished; SF38, south side, monitored mulching that took place KP975; SF41A, west side, hydrovacating taking place, crews installing metal rods in the ground then spray painting tops; SF42, one excavator stripping the top soil piling it close to entrance on west side, only first 200 feet of the ROW going west is stripped, the rest going west has only been cut by a mower; SF44, west side, hydrovacating, east side has only been mowed. Work forecast: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820, monitor mechanical logging in sensitive area.

On August 31st, safety theme was slips, trips, falls; extreme heat; wildlife; wide loads on highway #2; farm equipment on highway; tag lines; flaggers; congested work sites; fatigue; farm equipment on roads; semis with long loads on grid roads. Weather forecast, +23, cloudy, bit of wind. SF38, KP975, south side, monitor mulching that is taking place, did a sweep of the area this morning before the mulcher resumed, crews staking area for approach; green geotech and culvert delivered; SF38, north side, hydrovacating taking place, one excavator starting to strip the topsoil on the edge of the ROW, tractor disking ROW, green geotech delivered, rig mats delivered and unloaded, crews laying geotech and put in culvert for approach to be built on top. Work forecast: continue to monitor wetland habitats and traditional areas, monitor water course crossing at KP 941+820, monitor mechanical logging in sensitive area.

On September 1st, safety theme was slips, trips, falls; extreme heat; wildlife; wide loads on highway #2; farm equipment on highway; tag lines; flaggers; congested work sites; fatigue; farm equipment on roads; semis with long loads on grid roads. Weather forecast, +23, dry, dusty, cloudy fine cleaning and bleach when entering new R.M., or land owner requested wash. Continued to monitor SF38; SF38, south side, one dozer and one excavator stripping top soil, grader is starting to grade the ROW, green geotech and culvert have been laid; SF38, north side, one excavator and one dozer pushing dirt, green geotech and culvert have been laid in ditch, rig mats have been laid on top of green geotech, hydrovacating also taking place. Work 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

AUGUST 27, 2018



SF 35, photo facing north west, top soil being stripped.



SF 37, photo facing north, top soil being stripped.



SF 35, east side, ROW where logging took place, photo facing south east down the hill.

AUGUST 29, 2018



SF 38, photo facing south east, sweeping the land after the logging was done for any artifacts. Will return when topsoil starts getting stripped.



SF 36, photo facing west, the first little bit of the ROW is stripped but the rest going west is only disked.



SF 35, south side, photo facing west, ROW being stripped.



SF 34, photo facing west, topsoil being stripped and pushed by multiple dozers.

AUGUST 30, 2018



SF 41A, photo facing west, one hydrovac just doing what a hydrovac does.



SF 42, photo facing south, excavator pilling top soil.



SF 36, photo facing west, crews pushing dirt, you can also see one of the semis that collects the woodchips.



SF 36, photo facing east, badger hydro vac just hydrovacating.



SF 38, photo facing north east, mulching taking place.



SF 38, photo facing east, mulching taking place, photos of mulcher aren't the best because we can't go close to it.

AUGUST 31, 2018



SF 38, photo facing south east, mulching taking place.



SF 38, photo facing south east, mulching taking place.



SF 38, photo facing north, hydrovacating taking place and topsoil being stripped by excavator.

SEPTEMBER 1, 2018



SF 38, south side, photo facing south east, excavator and dozer pushing dirt.

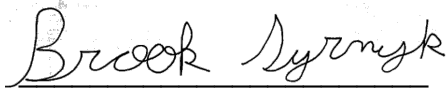


SF 38, south side, phot facing east, another photo of the equipment pushing dirt.



SF 38, north side, photo facing north excavator and dozer pushing topsoil.

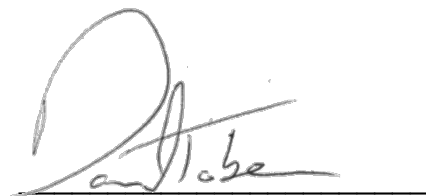
APPROVALS



Brook Syrnyk
Construction Monitor

October 2, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 2, 2018

Date