

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 7

NOVEMBER 5TH TO NOVEMBER 10TH

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 seven. 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 November 5th to November 10th, 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	This wetland area is a MB-054 (semi-permanent marsh (class 4) wetland complex).		

		November 6, 2018; MB-054 wetland area semi-permanent marsh (class 4) wetland complex; November 7, 2018: MB-054 wetland area semi-permanent marsh (class 4) wetland complex (SSKP 841+300); November 9, 2018: MB-054 semi-permanent marsh (class 4) wetland complex		
Watercourse Crossing	N/A			

Additional Observations and Summary of Activities or Concerns

On November 5th, Medic's camp 1-780-329-9183, Virden Hospital (204) 748-1230
Emergency 911, Reduce your speed while approaching intersections covered with ice and snow; Make sure your back up alarm is working on your vehicle when you're in a congested site and also use your horn when backing up; Follow speed limit at all times on the ROW; Temp 3, snow mixed with rain. 2 cm of snow; Wind becoming north 20 km overnight; Low minus 4. Wind chill 6 in the evening and minus 13 overnight. Follow all bio security. Clean and disinfected your vehicle before entering any restricted area; RD#2 (SSKP 809+899) Monitor the main welding crew. The crew was moving very slow today because of the rain and snow; RD#4 (SSKP 813. +200) Banister has started to put back the topsoil on the ROW. They are doing a great job of putting it back from (SSKP 813 +200) to (SSKP 814 +400) as you will see in the photo; RD#14 (SSKP 821+100) Banister is trying to do a tie-in. The weather is playing a big factor today. The site is nice and clean; RD#28 (SSKP 841+300) Banister is in the process of installing the aqua dam through the wetland between sf 27 to sf 28. This wetland area is a MB-054 (semi-permanent marsh (class 4) wetland complex).They had two generators on site which the crew had them in drip trays. Site was very well organized by this wetland.

On November 6th, Medic's camp 1-780-329-9183; Virden Hospital (204) 748-1230
Emergency 911; Drive with low-beam headlights on; Distance yourself from the vehicle ahead of you when you're driving on icy roads; Follow the company policy at all times when you're on ROW don't speed; MB-054 wetland area semi-permanent marsh (class 4) wetland complex; Temperature falling to minus 5 in the afternoon. Wind chill minus 6 in the morning and minus 13 in the afternoon; Wind chill minus 12 in the evening and minus 20 overnight; RD#2 (SSKP 810 +800) Monitor banister prep crew. They are dealing with poor weather conditions today. The site is very clean; after the beveling crew is moving forward. All shavings are picked up of the ground before they move forward; RD#14 (SSKP 821 +100) Banister has complete the tie-in west of Rd 14.The tie-in crew is moving east of Rd 14. The site is very clean and organized; RD#27 (SSKP 838 +100) Banister poor boy welding crew is dealing with poor weather conditions also at Rd 27; RD#28 (SSKP 841 +300) Re-assess the aqua dam. This is a wetland area MB-054 (semi-permanent marsh) class 4 wetland complex. The progress is also slow because of poor weather conditions.

November 7th, Medic's camp 1-780-329-9183, Emergency 911, Hospital (204) 748-1230
Be careful when meeting wide loads on the highway; Make sure you clean your head lights before heading out on the highway after driving in bad conditions. This is the time of year you got to beware of black ice; Brush all the snow from your windshield before taking of out on the highway if not your windshield will frost up and you will see nothing as your driving; High minus 7, wind chill near minus 16.UV index 1 or low; MB-054 wetland area semi-permanent marsh (class 4) wetland complex (SSKP 841+300); RD#2 (SSKP 810+100) Monitor the big dirty truck wash. All equipment got to get fine clean before leaving the restricted access this area is a high risk quarter; RD#27 (SSKP 838 +300) Monitor the poor boy welding crew. The crew is moving east towards sf 28.The

prep crew is just ahead of the welding crew. The prep crew is doing a fine job of cleaning up as they move forward; RD#28 (SSKP 841+300) Monitor banister working on the aqua dam. The crew is just about done the south side of the aqua dam, they have to do the north side also. This area is a MB-054 wetland area semi-permanent marsh (class 4) wetland complex; RD#28 (SSKP 842 +700) Observed banister using a excavator pulling back the sand on the 5 meter buffer. Banister operator was doing a great job on this 5 meter buffer. Once the excavator was done they were using a sweeper attached to a skid steer to do a fine job of cleaning up the buffer;

On November 8th, Medic's camp 1-780-329-9183; Emergency 911; Hospital (204) 748-1230; Slips, trips, falls, weather; Be in contact with your supervisor let him know where you are going to be for the day; Make sure you have cell service in the area or radio contact in case of an emergency; High 7, wind chill minus 25 in the morning and minus 13 in the afternoon. Risk of frostbite; UV index 1 or low; RD#1 (SSKP 808+568) Banister is prepping sf 1 they have cut the road open to install the bore pipe. They have closed the road from north to south. This site was very clean and organized; RD#2 (SSKP 810 +200) Monitor banister main welding crew. The welding crew is back welding today after they got there equipment wash and fine clean before leaving the high risk quarter. The area where they did the fine cleaning is clean up and organized; RD#5 (SSKP 816 +100) Banister is in the process of setting up a wash station at sf 5; RD#28(SSKP 841 +300) Banister prep crew is at sf 28.They have the crew picking up the shaving right after the beveling complete.

On November 9th, Medic's camp 1-780-329-9183, Emergency 911, Virden Hospital (204) 748-1230; Dress for the weather, be in cell service just in case of an emergency. Check roads conditions before driving on the highway; MB-054 semi-permanent marsh (class 4) wetland complex; Temp 10, Follow all bio security; Wind chill 20 in the evening and minus 25 overnight. Risk of frostbite; RD#23 (SSKP 830 +900) Banister has removed the pre-existing contaminated soil from sf 28.The site is very clean and organized; RD#4 (SSKP 813 +200) Monitor banister main welding crew demobilizing the equipment at sf 4.The crew is done welding; RD#28 (SSKP 841 +300) Observed banister poor boy welding crew at sf 28. This area where the welding is being done is a wetland area MB-054 semi-permanent marsh (class 4) wetland complex. The site is very clean and organized; RD#51 (SSKP 884 + 300) Monitor banister coating crew at sf 51.The coating crew is moving east. They are doing a good job of cleaning up the site after they apply the epoxy coating;

November 10th, Medic's camp 1-780-329-9183, Emergency 911, Virden Hospital (204) 748-1230; Dress for the weather, be in cell service just in case of an emergency. Check roads conditions before driving on the highway; Minus 8, Wind chill minus 22, amount 2 to 4 cm of snow, follow all bio security; RD#21 (SSKP 827+700) RE-Assess the dewatering station at Rd 21.Banister is done dewatering at this site. The site is very clean and organized; RD#60 (SSKP 899+800) Observed Rd 60 where banister remove all rig mats. The grader was also at the site leveling the (ROW) it did a very good job levelling; RD#63 (SSKP 904 +400) Banister has equipment park at Rd 63.Did a walk around the equipment for oil leaks all was good no leaks.

Photos of Sites Visited & Topics Discussed This Week

November 5, 2018



RD#2 (SSKP 809 +899)

The main welding crew
weather is slowing the crew down
Photo taken facing south



RD#4(SSKP 813 +200) to (SSKP 814 +400)

This is the area where banister is
working
Putting back the topsoil on the ROW
Photo taken facing east



RD#4 (SSKP 813+200)

Banister had to stop moving the topsoil
because of the bad weather today
Photo taken facing west



RD#14 (SSKP 821 +100)

Banister doing a tie-in as you see in the
photo weather is not great today
Photo taken facing west

November 6, 2018



RD#28 (SSKP 841 +300)

This is where Banister building an aqua dam
MB-054 wetland area
semi permanent marsh (class 4)
Photo taken facing west



RD#27 (SSKP 838 +100)

Banister poor boy welding crew
very poor weather conditions
Photo taken facing west



RD#2 (SSKP 810 +800)

Banister beveling crew
this site is very clean and organized
Photo taken facing east



RD#2 (SSKP 810 +800)

Banister crew cleaning up the shaving
after
the beveling is complete
Photo taken facing east

November 7, 2018



RD#2 (SSKP 810 +100)

The big dirty truck wash
this area is a high risk quarter
all equipment got to get fine clean
Photo taken facing south



RD#28 (SSKP 842+700)

Banister doing a fine job of pulling back
the
sand of the 5 meter buffer
Photo taken facing east



RD#28 (SSKP 842 +700)

Buffer crumb crew
they have a piece of rubber attached to
the bucket so they do no damage to topsoil
Photo taken facing east



RD#28 (SSKP 842 +700)

Buffer crumb crew
This is what they use to do a fine cleaning
on the buffer after the excavator is done
Photo taken facing west

November 8, 2018



RD#1 (SSKP 808 +568)

Banister have cut the road open
prepping for the bore pipe
Photo taken facing west



RD#5 (SSKP 816 +100)

Banister in the process of setting up a
wash
station. Photo taken facing west



RD#28 (SSKP 841+300)

Banister prepp crew at sf 28
Photo taken facing west



RD#28 (SSKP 841 +300)

Banister crew doing a fine job of cleaning
the shaving after the beveling is
complete
Photo taken facing south

November 9, 2018



RD#51 (884 +300)

Banister coating crew
The crew is doing a good job of cleaning up
after the epoxy is apply
Photo taken facing east



RD#28 (SSKP 841 +300)

This is banister poor boy welding crew
There welding by the wetland area MB -
054
semi permanent marsh (class 4)



RD#23 (SSKP 830 +900)

Pre-existing contaminated soil
The area is nice and clean
Photo taken facing south



RD#4 (SSKP 813 +200)

Banister main welding crew
The crew is demobilizing the
equipment
Photo taken facing south

November 10, 2018



RD# 63 (SSKP 904 +400)

Banister has equipment sitting at rd 63
Did a walk around for oil leaks all is good
Site is nice and clean
Photo taken facing south



RD# 60 (SSKP 899+800)

This is the site at rd 60 where they
remove
all rig mats. As you see in the photo
how



RD#21 (SSKP 827 +700)

RE-assess the dewatering station
Banister is done dewatering at this site
Photo taken facing west



RD#4 (SSKP 813 +200)

Stars Emergency Link Centre
The site is only for emergency
Photo taken facing north

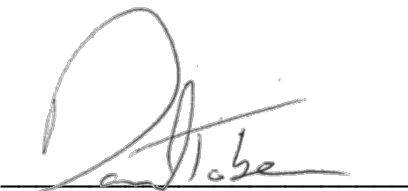
APPROVALS



Arnold Breland
Construction Monitor

November 14, 2018

Date



Daniel Tober
Senior Environmental Scientist

November 14, 2018

Date