

**SWAN LAKE FIRST NATION – MATRIX SOLUTIONS  
INC. PARTNERSHIP**

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 9**

**NOVEMBER 13<sup>TH</sup> TO NOVEMBER 17<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 nine. 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 13<sup>th</sup> to November 17<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**

Weekly activity included attending daily tailgate meetings and continue to check access points on the ROW and monitor Spread 9.

November 14, 2018 - Safety included: Vehicle: check vehicle tires, fluids, keep clean. Weather: Drive to the conditions. Slips, trips, falls: Make sure shoe lace are tied, hatch footing ice, wet conditions. Confined space: stay out of congested areas. Weather: Dress for the weather Dry dusty road conditions. Show caution remain wary on right of way dangers or potential problems. A lot of heavy trucks hauling water for pipe test. Being attentive when on land, watching for wildlife. Communication is important to touch base to ensure all personal are safe. Being aware of muster points at field office but out in the field with other crews. Ensure P.P.E. is worn at all time in the field.

**Weather forecast/Environment:** Patches of clouds, -9.5 degrees C

Monitored to make sure the soils were not mixed. The areas were clean from any garbage and on the ROW. Ensured all spill kits were on machines and in the trucks that were on the ROW. Continue to keep waste out of pipeline area. Being careful as to ignitions sources. Being aware of weather conditions.

#### **General:**

Attended safety meeting with our senior monitor and was given direction to travel to sskp 1071.71-1071.71. arrived and monitored an excavator back filling the clay back on to the pipe and spreading it at the same time. The clean-up crew on site picking up ties and any garbage that was laying around and put it in the back of truck. The crew were piling the ties on a trailer that was pulled in on the ROW for the morning and part of the afternoon. We travelled to sskp 1095+173 and monitored tie-ins as we travelled to sskp 1095+780 monitoring tie-ins there as well and moving east to Rd# 60 1096+100 where they were demobilizing bore. SSKP 1064.800 Crew in the area are removing bridge and cleaning up ROW. It is here where there is interim clean up and final reclamation. Remove mats, matting, geotextiles and ramps from locations indicated on the Line List if necessary. Further on down the R.O.W. SSKP 1096.200 MB-WC82. Three excavators digging and demobilizing. Excavating tie in ditch Rd 59a heading east. Monitored here close to END-OF-THE-LINE activities here where other tie in crews are close by with side booms digging trench for tie ins and installing tie ins. SSKP 1071 once again here tie in crew are back filling pipe. MB-WC-80. Returned to Morden field office to complete daily report.

**Work Forecast:** To continue monitoring spread 9.

November 15, 2018 - Safety included: Vehicle: Check vehicle tires, fluids, keep clean. Weather: Drive to the conditions. Slips, trips, falls: make sure shoe lace are tied, hatch footing ice and wet conditions. Confined space: stay out of congested areas. Dry dusty road conditions. Show caution remain wary on right of way dangers or potential problems. Being attentive when on land, watching for wildlife. Communication is important to touch base to ensure all personal are safe. Incorporate buddy system. Being aware of muster points at field office but out in the field with other crews. Ensure P.P.E. is worn at all time in the field.

**Weather forecast/Environment:** Patches of clouds, -2.5 degrees C.

Being careful as to ignition sources. Being aware of weather conditions. Continue to keep waste out of pipeline area. Be aware of extreme windy conditions

**General:**

attended safety meeting with our senior monitor and discussed the weather as it was cold and windy dress warm. We travelled to sskp 1074+300, met and observed Elden Pagee and Morris Scott (cleaning crew) as they were cleaning the ROW as we were doing our sweeps from 1071+100 leading up to 1074+300. We had kept travelling along the ROW as we came up to sskp 1074+400 Rd 46 heading east and monitored the back filling with the clay. We had moved along to Rd 47 sskp 1075+100 as they were back filling there with clay as well as they were doing a good job and keeping the soils separated as they just used the clay at both sites. Travelled to sskp 1058+100 as they were getting ready for pressure testing so we had to leave the area. SSKP 1093.130 Restoring MB-WC80 Seven earth moving machines. 5 excavators and 2 rock trucks SSKP 1064.800 SSKP 1058.04 Crews in the area are removing bridges road approaches and cleaning up ROW. It is here where there is interim clean up and final reclamation. installing mats, matting, geotextiles in order for farmers to have access to cultivated areas. Crew is headed eastward working on deficiencies. SSKP 1071 back filling removing trench boxes in area. Removing rubbish. Returned to Morden field office to complete daily report.

**Work Forecast:** To continue monitoring spread 9

**November 16, 2018 - Safety included:** Slips, trips, falls: watch your footing

Wild-life: scan the ditches practice defensive driving. Proper disposal of cigarettes butts.

Vehicle: Keep clean at all time inside and out. Show caution remain wary on right of way dangers or potential problems. Being attentive when on land, watching for wildlife.

Communication is important to touch base to ensure all personal are safe. Incorporate buddy system. Being aware of muster points at field office and to sign on with other crews when available. Ensure P.P.E. and worn at all times Ensure cold weather safety kits are available.

**Weather forecast/Environment:** Patches of clouds, -9degrees.

Continue to keep waste out of pipeline area. Being careful as to ignitions sources.

Being aware of weather conditions. Be aware of extreme windy conditions.

**General:**

Today was given direction by our senior monitor tailgate meeting and weather conditions dress for it as we head out to Rd58+Rd59

kkps 1093.426-1095.173. Monitored the crew that was doing tie-in ditch and back filling with clay as they were using an excavator to fill in the ditch and the dozer spread it out.

We also met a grader levelling off the ROW going west from 1095.173 to 1093.426.

Travelled to sskp 1071.49-1071.71(Her-176) Grass Dancers going north west to Rd 43-1070.639 as they were taken out the bridge/approach removal as we monitored and finished up for the day. SSKP 1093.130 Restoring MB-WC80 Tie in ditch and back fill.

SSKP 1070.639 SSKP removing bridges road approaches and cleaning up ROW. It is here where there is interim clean up and final reclamation. installing mats, matting, geotextiles for farmers to have access to cultivated areas. Crew is headed eastward

working on deficiencies. SSKP 1058.078 Installing hoarding for hydro test and disassemble bridges at PJ trailers. Returned to Morden field office to complete daily report.

**Work Forecast:** To continue monitoring spread 9.

November 17, 2018 - Safety included: Slips, trips, falls: watch your footing. Dangers: Today wet conditions and raining. Wild-life: Scan the ditches practice defensive driving. Proper disposal of cigarettes butts. Show caution remain wary on right of way dangers or potential problems. Being attentive when on land, watching for wildlife. Communication is important to touch base to ensure all personal are safe. Incorporate buddy system. Being aware of muster points at field office and to sign on with other crews when available. Ensure P.P.E. is worn at all times. Ensure cold weather safety kits are available.

**Weather forecast/Environment:** Patches of clouds, -12 degrees.

Continue to keep waste out of pipeline area. Being careful as to ignitions sources.

Being aware of weather conditions. Be aware of extreme windy conditions

**General:**

Given direction by our senior monitor this morning the tailgate meeting. Travelled to sskp 1070.639 Rd 43 to monitor the removing of the bridges and the ramps and road approaches heading east. We monitored the removal of the ramps with an excavator and began to pile the mats. As they had finished doing the mats they began to move the bridge, there was three excavators working as that site and three ground spotters. Spent all morning there and most of the afternoon before going to sskp 1096.816 where it was too congested with equipment. SSKP 1096 Hydro acing Enbridge crossing in preparation for back filling. SSKP 1095.024 Restoring MB-WC81 Tie in ditch and back fill restoration. SSKP 1071 (HER-176) here crews are removing bridge and preparing and crushing frozen soil with dozer and rock truck. SSKP 1070.639 SSKP Quiet here Crew is headed eastward working on deficiencies. Returned to Morden field office to complete daily report.

**Work Forecast:** To continue monitoring spread 9.

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

November 14, 2018

Photo



Description & Location:

SSKP1074+100 PICTURE WAS TAKEN  
FACING EAST

Photo



Description & Location:

1073+400 CLEAN UP GUYS PICTURE WAS  
TAKEN FACING EAST

Photo



Description & Location:

Road 39 facing east

Photo



Description & Location:

excavators SSKP 1096.200 facing west

Photo



Description & Location:

SSKP 1096.33 facing west

Photo



Description & Location:

SSKP 1071 facing west

November 15, 2018

Photo



Description & Location:

SSKP 1074+400 RD46  
PICTURE WAS TAKEN  
FACING WEST

Photo



Description & Location:

SSKP 1093.13 PICTURE WAS TAKEN  
FACING  
EAST

Photo



Description & Location:

SSKP 1073-74-75 men and equipment  
working facing East

Photo



Description & Location:

excavators SSKP 1093.130 facing north

Photo



Description & Location:

SSKP 1074 facing west

Photo



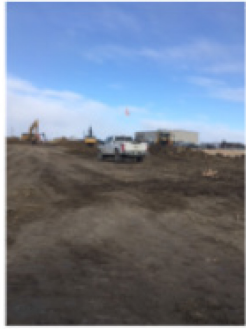
Description & Location:

SSKP 1058 facing south



November 16, 2018

Photo



Description & Location:

SSKP 1093+100 AS PICTURE WAS  
TAKEN FACING EAST

Photo



Description & Location:

SSKP 1095.173 Rd picture was taken facing  
east

Photo



Description & Location:

SSKP 1085 facing north

Photo



Description & Location:

excavators SSKP 1058.078 facing east

Photo



Description & Location:

SSKP 1093 facing east

Photo

Description & Location:

November 17, 2018

Photo



Description & Location:

sskp1070.639 Rd 43 picture  
was taken facing east

Photo



Description & Location:

sskp 1096.816 picture was taken facing  
east

Photo



Description & Location:

Road 16 excavator digging

Photo



Description & Location:

EAST SIDE ROAD 16 LOWERING PIPE

Photo



Description & Location:

SSKP 1091.782 facing south

Photo



Description & Location:

excavators SSKP 1071 facing east

Photo



Description & Location:

SSKP 1096 facing west

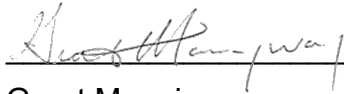
Photo



Description & Location:

SSKP 1096 facing south

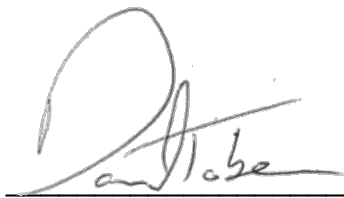
**APPROVALS**

  
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Grant Manningway  
Construction Monitor

December 18, 2018  
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Date

  
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Daniel Tober  
Senior Environmental Scientist

December 18, 2018  
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Date