

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 9

OCTOBER 29TH TO NOVEMBER 3RD

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 October 29th to November 3rd, 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 activities on Spread 9.

October 29, 2018 - Safety included: Slips, trips, falls: watch your footing. Wild-life, scan the ditches and practice defensive driving. Proper disposal of cigarettes butts. Vehicle: Wash and keep vehicle clean inside and out. Tie boots and watch step. Be wary of equipment in high congestion area. Slow down meeting traffic. Drive to condition of road.

Weather forecast/Environment: 30% chance of snow with a high of 2 degrees.

Help to keep clean R.O.W. clean of garbage and recycling. Keep land owner wishes honoured. Use access roads, stay off farmer fields. While driving R.O.W. try not to create deep ruts for land owners.

General: Today was given direction by our senior monitor after we had the tailgate meeting and discussed weather conditions. Travelled to RD #10 (1013+234) as they were straw crimping heading east. Monitored there for part of the morning before heading to sskp1026.00 as we did check on the east side facing the escarpment nothing happening and on the west side when they were getting set up for the test support testing for the morning. Moved over to Dead Horse Creek to check things there, they had taken up all the rig matts and getting ready to haul an excavator out to another site. Travelled from there to sskp 1085.25 as we monitored the HDB pull at queen's channel 1085.248 it was getting to congested so we travelled to sskp 1057.180 and did some monitoring there as they install tie-ins at Hespler Drain (1057+180).

SSKP 157.180 Installing tie-ins. SSKP 1071 No activities. Returned to Morden field office to compile daily report.

Work Forecast: Continue to monitor Spread 9 and possibly go to sskp Dead Horse Creek.

October 30, 2018 - Safety included: Slips, trips, falls: watch your footing. Dangers today, wet conditions. Wild-life, scan the ditches and practice defensive driving. Proper disposal of cigarettes butts. Vehicle: Wash and keep vehicle clean inside and out. Tie boots and watch step. Be wary of equipment in high congestion area. Slow down meeting traffic. Drive to condition of road.

Help to keep clean R.O.W. clean of garbage and recycling. Keep land owner wishes honoured. Use access roads, stay off farmer fields. While driving R.O.W. try not to create deep ruts for land owners.

Weather forecast/Environment: Wet and high of 2 degrees.

General:

Weather to damp to enter ROW. We were given instructions to do more reading of the pipeline environmental protection plan book and go over some of the procedures of the back filling, topsoil salvage and grading-company measures, watercourse crossings, wetland crossings, interim clean-up and final reclamation to help with our reports and gain a better understanding of the controls, measures and processes involved.

Work Forecast: Possibly go to sskp 1057+000

October 31, 2018 - Safety included: Slips, trips, falls: watch your footing. Wild-life, scan the ditches and practice defensive driving. Proper disposal of cigarettes butts. Vehicle: Wash and keep vehicle clean inside and out. Tie boots and watch step. Be wary of equipment in high congestion area. Slow down meeting traffic. Drive to condition of road.

Weather forecast/Environment: High of 2 degrees.

Help to keep clean R.O.W. clean of garbage and recycling. Keep land owner wishes honoured. Use access roads, stay off farmer fields. While driving R.O.W. try not to create deep ruts for land owners.

Weather forecast/Environment: High of 2 degrees.

General:

Given direction by our senior monitor to travel to, SSKP 1071.49-1071.71 (HER-176) Excavating crew present. SSKP 1057.77 Installing tie ins here at Hesper drainage Dead Horse Creek 1041.03-1041.44 (HER-175) Monitored area DE compaction continuing. SSKP 1026-1027 quiet here as far as activities go.

SSKP 1037.85 Continuing final clean up. SSKP 1016 Reclamation site energy. Straw crimping Heading east. 1071+788 and sskp excavating GRASS DANCERS as we monitored all afternoon. Returned to Morden field office to compile daily report.

Work Forecast: Monitor spread #9 and possibly go to sskp 1071+000

November 1, 2018 - Safety included: Slips, trips, falls: watch your footing. Dangers today, wet conditions. Wild-life, scan the ditches and practice defensive driving. Proper disposal of cigarettes butts. Vehicle: Wash and keep vehicle clean inside and out. Tie boots and watch step. Be wary of equipment in high congestion area. Slow down meeting traffic. Drive to condition of road. Where PPE on site.

Help to keep clean R.O.W. clean of garbage and recycling. Keep land owner wishes honoured. Use access roads, stay off farmer fields. While driving R.O.W. try not to create deep ruts for land owners. Be aware of procedures on heritage sites.

Understand language of Enbridge procedures.

Weather forecast/Environment: Wet and high of 2 degrees.

General:

Given direction by our senior monitor sskp 1018+750 heading east as they were straw crimping and spreading it around, we did a sweep to check on it if they had meet the target depth of 5cm and stand vertically a minimum of 5-20cm out of the ground as a environment monitor thing were done properly and in good shape as the picture is shown. SSKP 1070 Commencing bore and welding and at SSKP 1071.49-1071.71 (HER-176) excavating. SSKP 1057.77 Allot of activities. Equipment and men working. Installing tie ins here at Hesper drainage. Dead Horse Creek 1041.03-1041.44 (HER-175) Monitored area all quiet. SSKP 1026-1027 quiet. SSKP 1025 Support Testco. prepping test heads at road #17. SSKP 1037.85 Rework and prepping for trucking new water source for mainline test. SSKP 1018.75 Reclamation site energy. Straw crimping Heading east. installing warning signs and marker posts. Returned to Morden field office to compile daily report.

Work Forecast: Monitor spread #9 and possibly go to sskp 1057+000,1071+000

November 2, 2018 - Safety included: Slips, trips, falls: watch your footing. Dangers today, wet conditions. Wild-life, scan the ditches and practice defensive driving. Proper disposal of cigarettes butts. Vehicle: Wash and keep vehicle clean inside and out. Tie boots and watch step. Extreme weather. Drive to conditions, be aware. Congested worksites so be R.O.W. ready. Wear all P.P.E.

Help to keep clean R.O.W. clean of garbage and recycling. Keep land owner wishes honoured. Use access roads, stay off farmer fields. While driving R.O.W. try not to create deep ruts for land owners. Be aware of procedures on heritage sites.

Understand language of Enbridge procedures.

Weather forecast/Environment: Wet and high of 1 degree.

General:

Today was given direction by our senior monitor after the tailgate meeting and weather conditions. Travelled to SSKP 1071.49-1071.71 (HER-176) Quiet no personal no machines. SSKP 1057.77 Restoring MB-WC 1006 Then restoring MB-WC1005 (1057&180) Allot of activities. Equipment and men working. here at Hesper drainage

Dead Horse Creek 1041.03-1041.44 (HER-175) Monitored area, all quiet.

SSKP 1053 Road 33 Final clean up. SSKP 1049.95 Topsoil tactification and clean up.

SSKP 1043.32 road 43 burning and clean up. SSKP 1026-1027 quiet.

SSKP 1021.6 High pressure pipeline testing. Returned to Morden field office to compile daily report.

Work Forecast: Monitor Spread #9 and possibly go to sskp Dead Horse Creek.

November 3, 2018 - Safety included: Slips, trips, falls: watch your footing. Dangers today, wet conditions. Wild-life, scan the ditches and practice defensive driving. Proper disposal of cigarettes butts. Vehicle: Wash and keep vehicle clean inside and out. Tie boots and watch step. Be wary of equipment in high congestion area. Slow down meeting traffic. Drive to condition of road. Where PPE on site.

Help to keep clean R.O.W. clean of garbage and recycling. Keep land owner wishes honoured. Use access roads, stay off farmer fields. While driving R.O.W. try not to create deep ruts for land owners. Be aware of procedures on heritage sites.

Understand language of Enbridge procedures.

Weather forecast/Environment: 20% chance of snow with a high of 1 degree.

General:

Today was given direction by our senior monitor, travelled to SSKP 1057.77 Restoring MB-WC 1005 Then restoring MB-WC1005 (1057&180) Allot of activities. Equipment and men working at Hesper drainage. Dead Horse Creek 1041.03-1041.44 (HER-175) Monitored area, all quiet. SSKP 1051.61 Road 31 continuing DE compaction and machine clean up to SSKP 1049.95. SSKP 1047.95 Final clean up.

SSKP 1043.32 road 43 burning and clean up. SSKP 1026-1027 quiet.

SSKP 1022.48 Straw crimping. Travelled to Rd # 35 sskp 1056+282 and Rd #36 sskp (1058+038) as they were doing backfilling between the two sskp's finished the day and returned to Morden field office to compile daily report.

Work Forecast: Monitor Spread 9 and possibly go to sskp 1071-1073.600-her-176

Photos of Sites Visited & Topics Discussed This Week

October 29, 2018



Description & Location:

SSKP 1013.23 RD 10
picture was taken facing east



Description & Location:

SSKP 1057+180 picture was taken facing
south west



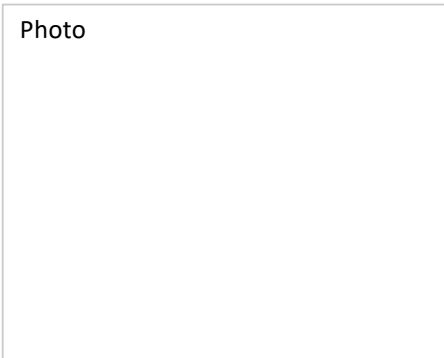
Description & Location:

Rd 23 looking east



Description & Location:

rd. 52 facing east



Description & Location:



Description & Location:

Rd #26#26-A

October 31, 2018

Photo



Description & Location:

Dead horse creek sskp 1072+550
picture was taken facing
southeast of the road

Photo



Description & Location:

Dead horse creek sskp 1041 picture was
taken off the road facing east

Photo



Description & Location:

SSKP 1041 looking east

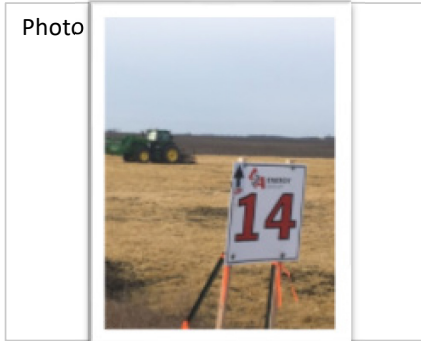
Photo



Description & Location:

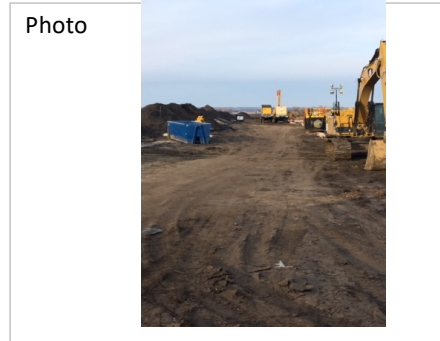
SSKP 1071 looking east

November 1, 2018



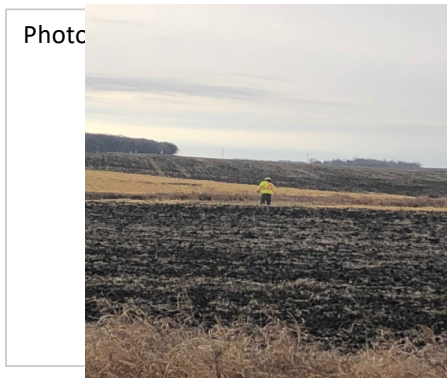
Description & Location:

SSKP 1018+750 STRAW
CRIMPING picture was taken
facing west off Rd 14



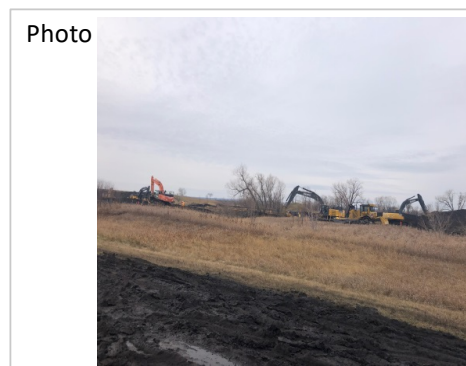
Description & Location:

SSKP1025+000 PREPPING TEST HEAD
picture was taken facing west



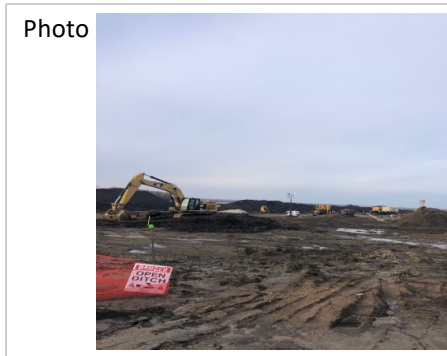
Description & Location:

SSKP 1037.85 south direction



Description & Location:

SSKP 1043.32 looking west



Description & Location:

road #23 looking west



Description & Location:

road #23 looking west

November 2, 2018

Photo



Description & Location:

SSkp1057+773Restoring mb-wc
1006
PICTURE WAS TAKEN FACING
SOUTH WEST

Photo



Description & Location:

SSKP 1057+180 MB-WC 1005
PICTURE FACING NORTH

Photo



Description & Location:

road 33 facing west

Photo



Description & Location:

road 15 east

Photo



Description & Location:

road 35 looking west

Photo

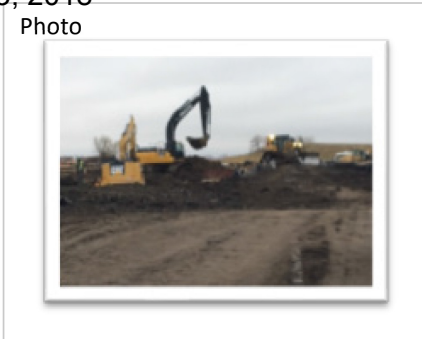


Description & Location:

road 27 looking east

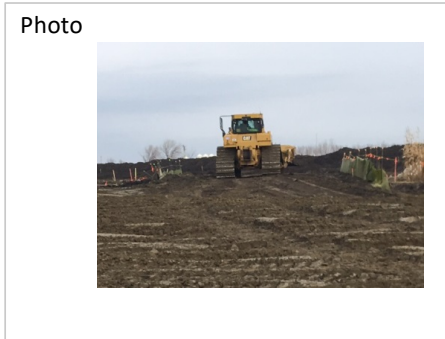
November 3, 2018

Photo



Description & Location:
RESTORING MB-WC 1005
(1057+180)
PICTURE WAS THAKEN FACING
SOUTH

Photo



Description & Location:
SSKP 1057+100 AS THE PICTURE WAS
TAKEN
FACING SOUTH

Photo



Description & Location:
road 35 facing south

Photo



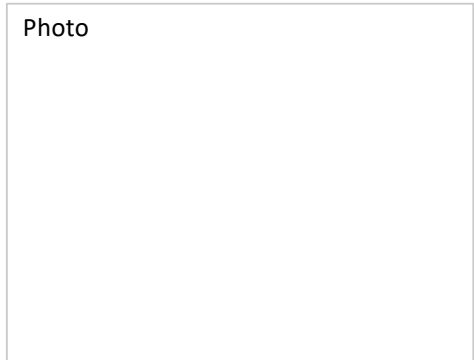
Description & Location:
road 15 facing north

Photo



Description & Location:
road 27 facing west

Photo



Description & Location:

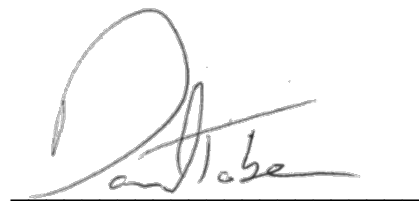
APPROVALS



Grant Manningway
Construction Monitor

December 18, 2018

Date



Daniel Tober
Senior Environmental Scientist

December 18, 2018

Date