

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 9

DECEMBER 3RD TO DECEMBER 9TH

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 December 3rd to December 9th, 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 December 3rd, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight. Shoe-fly signs down, know your backroad locations. Ensure ladder rungs are cleared of ice and snow. Focus on task at hand; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; 6:00 AM Inspectors meeting, this morning we were reminded to make sure we know the backroad junction locations in case we need to call the medics now that the shoe-fly signs are down, as well we were told to ensure ladder rungs are clear of ice and snow. Environment had mentioned that the team will monitor rig matt clean up; 6:15 AM Environment meeting; 7:00 AM Construction meeting, focus on the task at hand was the safety topic for this morning and we were told to make sure to be cautious while driving, environment had again told us they will be monitoring the clean up until the job is done this year; This morning Lorne Parisian had conducted the safety meeting discussing the hazards and controls for the work day and I had assigned SSKP's and activities to be monitored throughout the work day as well letting the juniors the safety topics brought up in the morning meetings; today I had monitored approach removal at Rd. 17 West, the crews were diligent during the process ensuring all debris and garbage were removed and the bar ditch was not scraped by the excavator bucket, as well viewed construction down at Rd. 25 where they were working on deficiencies on the pipe.

On December 4th, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; 6:00 AM Inspectors meeting, this morning the safety moment was to check your vehicle plug in and ensure the wires are good and not frayed, as well safety lead went over the L3R incident that occurred on another spread. Environment lead had informed us that the team will be monitoring topsoil replacement at Gretna bone yard; 6:15 AM Environment meeting; 7:00 AM Construction meeting, the safety moment this morning was to be extra cautious of wildlife when driving in the dark, Safety and Environment had touched base on what was discussed in the 6:00 AM meeting; This morning Lorne Parisian had conducted the morning safety meeting discussing the hazards and controls for the work day ahead, I had assigned the juniors sskp's to be monitored throughout the work day as well instruction to study the E.P.P.

and spend time self-educating on the computer programs; Drove the back roads viewing and observing the MLBV 35 at Rd. 25 referring to section 6.0 in the E.P.P. as well as section 41/42 tie in at Rd. 25 referring to section 6.0 in the E.P.P.

On December 5th, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight; Keep wheel wells in vehicle clean, know your safe zones when working around equipment; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; 6:00 AM Inspectors meeting, safety moment this morning was to ensure wheel wells and linkages are cleaned to prevent vehicle shaking while driving. Environment asked to ensure good housekeeping is up kept; 6:15 AM Environment meeting; 7:00 AM Construction meeting, safety moment was to ensure you know your safe zone working with equipment and environment again asked to ensure housekeeping is up kept; This morning Lorne Parisian had conducted the morning safety meeting amongst our crew, I had assigned the juniors sskp's to be monitored and reminded them the end of work is near and to keep their minds focused on the task at hand; Monitored Rd. 25 Tie-ins referring to section 6.0 in the E.P.P.; Monitored Rd. 23 MBLV installation referring to section 6.0 in the E.P.P.; Spent the rest of the day self-studying the E.P.P. and helping the junior monitors with their computers and programs.

On December 6th, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight; Keep wheel wells in vehicle clean, cautious when driving in and out of the yard it is icy, stay focused on tasks at hand; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; 6:00 AM Inspectors meeting, safety moment this morning was to be cautious when entering and exiting the yard as it is icy and to not be complacent with work and routines, environment had mentioned that everything looks good and his happy with it; 6:15 AM Environment meeting; 7:00 AM Construction meeting; safety moment this morning was to stay focused on task at hand including: driving, working and being around equipment. Environment had again relayed they were happy with how the project looks environment wise; This morning I had conducted the safety meeting amongst the crew discussing the hazards and controls for the work day as well assigned sskp's to be monitored and stressed on the importance on spending time getting more familiar with the E.P.P. and their computer programs that are used daily; Today I had went and monitored MLBV 34

backfill referring to section 6.0 in the E.P.P. and as well MLBV 35 Installation at Rd.25 referring to section 6.0 in the E.P.P. all work is being done in an environmentally friendly manner; Spent time in the office reading the E.P.P. familiarizing myself more with the mitigations and controls and place as well spent time with the juniors helping in the E.P.P. and with their computer skills as well.

On December 7th, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight; Keep wheel wells in vehicle clean, cautious when driving in and out of the yard it is icy, stay focused on tasks at hand; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; 6:00 AM Inspectors meeting, today was our weekly safety meeting in this meeting the topics discussed were to utilize safe driving, stay focused and to wear tractions when needed. After the safety meeting we had our regular inspector meeting environment had informed us that they will continue to monitor clean up, ensure all debris from rig mats is cleaned and that Appendix B in the E.P.P. will be referred to; 6:15 AM Environment meeting; 7:00 AM Construction meeting, the safety moment for today was to watch out on the East access of the yard for snow-plows, environment lead told us that this will be the last yard inspection for the year and mentioned that the garbage bins should be emptied before the project closes for the year and S/A Energy confirmed that they will; 9:00 AM Weekly Progress meeting, safety had mentioned that this is our 3rd week without an incident and to stay focused on the task at hand to keep it going, environment had discussed that the water samples from the dewatering of the hydro tests came back good, the final tasks for spring preparedness will be almost done and they will continue to monitor matting and general clean up until the job is done; After the morning meetings I had met with supply chain management, Darryl Holloway and public affairs Tim Catcheway along with the Indigenous engagement team from the American side of Line 3 replacement with our Enbridge team consisting of Construction manager Doug Hislop, Indigenous Liaison Mick Morrison and myself. The meetings consisted of me describing the Indigenous Monitor program discussing the daily activities and duties involved in the job, Mick Morrison had spoken of his involvement with the program as well elaborated on his role as an Indigenous Liaison; today I had observed the final product of MLBV 34 at Rd. 21, everything looks clean and good, as well observed Tie-in backfill at Rd.23 referring to section 14.0 in the E.P.P.; finished off day compiling days information into daily report.

On December 8th, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight;

Keep wheel wells in vehicle clean, cautious when driving in and out of the yard it is icy, stay focused on tasks at hand; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; 6:00 AM Inspectors meeting, safety moment this morning was to plan your trip when headed on the long drive home and to continue to be aware and safe, as well focus on the task at hand. Environment said that the housekeeping looks good and informed us they will be monitoring Rd. 52 clean up; 6:15 AM Environment meeting; 7:00 AM Construction meeting, this morning the safety topic was to maintain good communication with management as well as workers and to stay focused on the task at hand and finish strong. Environment mentioned that there were no deficiencies during the yard inspection and that they will continue to monitor matt clean up at Rd.52; This morning I conducted the morning safety meeting discussing the hazards and controls for the work day and elaborating on staying focused on the task at hand, I had assigned the juniors sskp's to be monitored and myself included; I had observed the construction at MLBV 35-Rd.25 and noted a pig pen was set up for containing sediments while de watering and monitored backfill at section 41/42 tie in at Rd.23 referring to section 14.0 in the E.P.P.

On December 9th, slips trips falls, 3 Point contact, tie your boots, watch your footing; communication, maintain communication amongst the crew; un-controlled intersections, treat them as four way stops, be courteous. Congested areas, be ROW ready, avoid if possible. Awkward body positions, take micros to stretch. Wildlife, scan the ditches, be aware, defensive driving. Theft, lock up your vehicle, keep belongings out of eye sight; Keep wheel wells in vehicle clean, cautious when driving in and out of the yard it is icy, stay focused on tasks at hand; Ensure proper disposal and separation of garbage and recycling, smoke in designated area's only, proper disposal of cigarette butts, ensure vehicle/equipment is cleaned and inspected, ensure tires are cleaned and inspected, vehicle is equipped with bleach and spill kits. Follow Bio-Security protocols; I had conducted the safety meeting amongst the crew and had assigned sskp's to be monitored throughout the work day as well discussed as a team how we are going to finish our week seeing as it is our last here; Monitored MLBV 35 at Rd.25 referring to section 14.0 in the E.P.P.; Monitored section 42/43 tie in section at Rd. 36

Photos of Sites Visited & Topics Discussed This Week

December 3, 2018



Rd.17 ramp removal facing
North West



Rd. 25 facing East

December 4, 2018

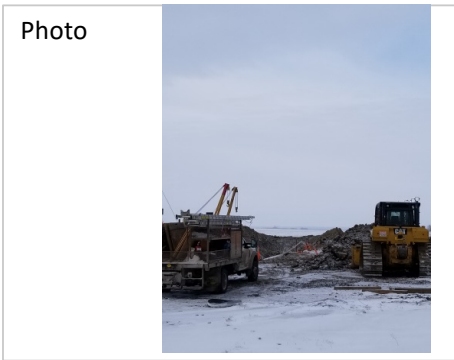


Rd. 23 East

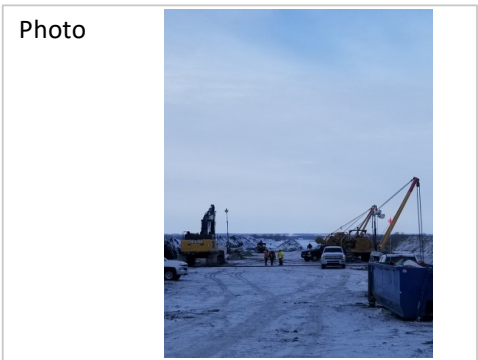


Rd. 25 East

December 5, 2018

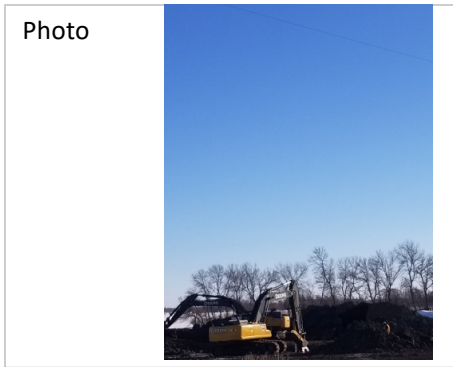


Description & Location:
Rd.25 Tie in crew facing West



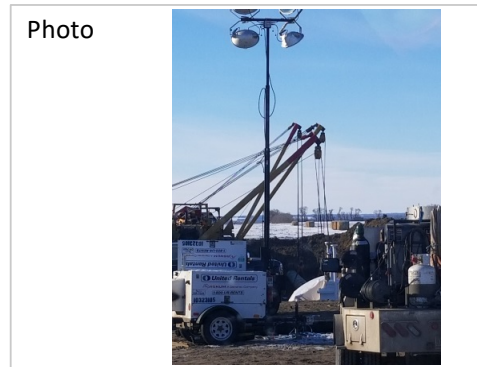
Description & Location:
Rd.23 MLBV crew facing West

December 6, 2018



Description & Location:

Rd. 21 MLBV 34
Backfill
Photo taken East



Description & Location:

Rd. 25 MLBV 35
Installation
Photo taken West

December 7, 2018



Description & Location:

Rd.21 MLBV 34
Backfilled and fenced off
Photo taken East



Description & Location:

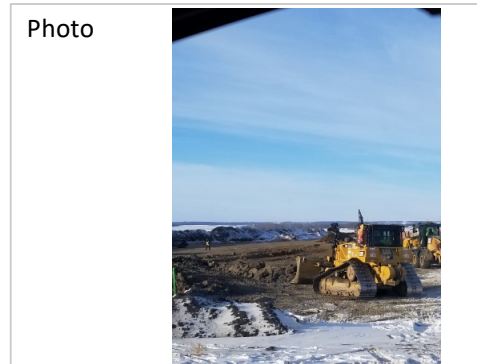
Rd.23 Tie-in
Section 41/42
Photo taken West

December 8, 2018



Description & Location:

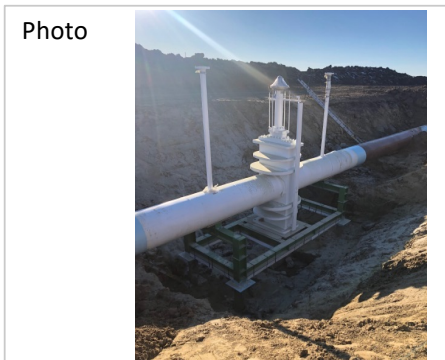
Pig Pen Rd.25
Photo facing West



Description & Location:

Backfill Rd.23
Photo facing West

DECEMBER 9, 2018



Description & Location:

MLBV 35 Rd. 25
Photo taken facing West.



Description & Location:

Rd. 36
Photo taken facing West.

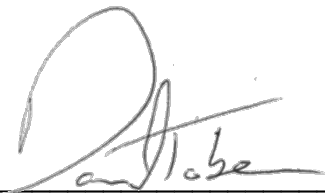
APPROVALS



Corey Monkman
Senior Construction Monitor

December 18, 2018

Date



Daniel Tober
Senior Environmental Scientist

December 18, 2018

Date