

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

INDIGENOUS CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 9

OCTOBER 1ST TO OCTOBER 6TH

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 1st to October 6th, 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 October 1, un-controlled intersections , line of fire, slips trips falls, 3 Point contact, tie your boots, and watch your step, equipment, driving conditions, congested areas, wild life, working alone, awkward body position, stretch, spotter when backing up, wear all PPE required; Follow Bio-Security protocols where required; ensure vehicle, tires, and boots are cleaned and disinfected; properly dispose of garbage, food scraps, and recycling; proper separation of garbage, food scraps, and recycling; smoke in designated areas; proper disposal of cigarette butts; discussed the ERP, muster points, hazards and controls for the work day; Road 35 I had found the pipe gang and had watched them work safely and productively, as well I had continued on down the line and examined the progress happening; Spent sometime this afternoon at Michel's horizontal directional drill site at Dead Horse Creek, while I was at the site I had talked to a few of the crew members as it was their break time and got a little more educated on how the drilling works, I had watched them work safely and environmentally friendly. Enbridge's environment team had been cooperating well with us Indigenous Monitors and letting us know current events pertaining to the environment; Work forecast: Continue to monitor high potential sites in spread 9.

On October 2, un-controlled intersections , line of fire, slips trips falls, 3 Point contact, tie your boots, and watch your step, equipment, driving conditions, congested areas, wild life, working alone, awkward body position, stretch, spotter when backing up, wear all PPE required; Weather conditions may cause some problems - Avoid the ROW if possible; proper disposal of garbage, recycling, and food scraps, smoke in designated areas, proper disposal of cigarette butts, vehicle is cleaned and disinfected, tires are cleaned and disinfected, ensure bio-security steps are followed for high risk sites; The National Energy Board members had shown up in our trailer, had a meeting with them discussing topics relating the job and updating them on our progress as a team and giving them insight on what we are looking for and how we are doing it; spent time at Michel's horizontal directional drill site at Dead Horse Creek, watched the drillers operate safely and cautiously as they have always done, the environmental precautions and protocols are good as well from what I have seen while I was there; Checked on the creek and frack out (fracture in the ground due to the drilling), everything seemed to be in order there I had talked to one of the environmentalist working and she had informed me that things were going great and the creek is pretty much back to its original state; Work forecast: Monitor Spread nine, continue checking up on dead horse creek and other SSKPS of interest.

October 3, slips trips falls, communication, dusty roads, un-controlled intersections, congested areas, rain and snow is in the forecast, awkward body position, wildlife, theft; proper disposal of garbage, recycling, and food scraps, smoke in designated areas, proper disposal of cigarette butts, vehicle is cleaned and disinfected, tires are cleaned and disinfected, ensure bio-security steps are followed for high risk sites; I had spent the morning studying the proposed mitigation measures table for TLU's and as well referring it to the Environmental Alignment sheet package. The NEB and Environmental

team had made a point of ensuring I am knowledgeable in that area and use it to my benefit; most site activities were limited due to the hazardous weather conditions, majority of the crews working were road bore crews; spent most of my time at Michel's horizontal direction drill site at Dead Horse Creek, there was not much action happening there as they were setting up an attachment for the drill to run another pass through. From what I had seen while I was on site the safety measures and environmental precautions were pristine; Work forecast: Monitor Spread 9 according to the weather conditions.

October 4, slips trips falls, communication, dusty roads, un-controlled intersections, congested areas, rain and snow is in the forecast, awkward body position, wildlife, theft; proper disposal of garbage, recycling, and food scraps, smoke in designated areas, proper disposal of cigarette butts, vehicle is cleaned and disinfected, tires are cleaned and disinfected, ensure bio-security steps are followed for high risk sites; conducted the safety meeting discussing the ERP, muster points, hazards and controls for the work day, this morning poses a risk of black ice making slippery conditions due to the snow and freezing temperatures that had happened over night, the juniors were instructed to be wary and cautious; spent time compiling the mitigations and measures into a user friendly check list pertaining to the environmental measures dealing with non-fish bearing, fish bearing drainages/creeks, riparian buffer zones, wetlands, marshes, migratory birds/animals, endangered species, silt fencing, revegetation and bio-security measures. As well a safety mitigation measures list specifying special precautions to be made; spent time at the track bore on the south end of highway 3, noticed they had a spill kit with them beside the bore machine to be ready and utilized in a moment's notice if a leak were to happen or a blown hydraulic hose; spent the rest of my time at Michel's horizontal directional drill at Dead Horse Creek; Finished off the day having a meeting with the National Energy Board, from my point of view the meeting was educational and beneficial; Work forecast: Monitor Dead Horse Creek, as well other SSKPS of interest.

October 5, slips trips falls, communication, dusty roads, un-controlled intersections, congested areas, rain and snow is in the forecast, awkward body position, wildlife, theft; proper disposal of garbage, recycling, and food scraps, smoke in designated areas, proper disposal of cigarette butts, vehicle is cleaned and disinfected, tires are cleaned and disinfected, ensure bio-security steps are followed for high risk sites; met with environmental lead, Jamie Maxwell and we had discussed ways in which I as an Indigenous Construction Monitor will be more involved with the environment team which included: being involved in daily environment meetings, notified of environment incidents, knowing the whereabouts of the environment team so I can take part and monitor their activities and be educated in the measures and controls put in place for certain environment precautions and responses; I believe that from here on out the monitoring and the reports will be more environment specific and as well beneficial to the program and the people(s) interested; The afternoon was spent on a Skype conference call directing us in the right direction of how the reports will be done from now on and a lesson in using the alignment sheets to the full use they offer; Work forecast: Monitor Spread 9 according to weather conditions.

October 6th, slips trips falls, communication, dusty roads, un-controlled intersections, congested areas, rain and snow is in the forecast, awkward body position, wildlife, theft;

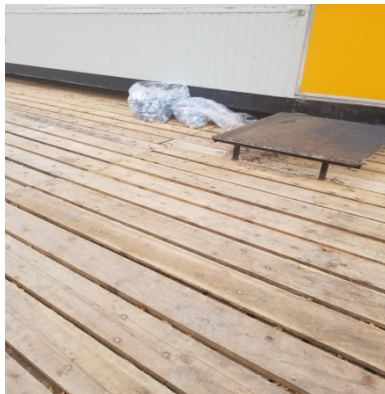
proper disposal of garbage, recycling, and food scraps, smoke in designated areas, proper disposal of cigarette butts, vehicle is cleaned and disinfected, tires are cleaned and disinfected, ensure bio-security steps are followed for high risk sites; Attended the 6:15AM Environment meeting with the environment team lead by Jamie Maxwell, I will be in attendance from here on out as it is crucial to the position and beneficial as well. Attended the 7:00AM progress meeting, a few safety concerns were raised which were also mentioned in the 6:00Am inspectors meetings; not much will be happening due to the weather conditions and to be safe and mindful when headed out home for the long weekend; the rest of the day was spent in the office I had continued to develop the environment checklist for the junior monitors, as well educating myself with the environment note package, protection plans, mitigations, measures and alignment sheet. From now until the end of the job these tools will begin to be used with monitoring as well as reporting and be beneficial to the readers as well as us Indigenous Construction Monitors.

Photos of Sites Visited & Topics Discussed This Week

October 1, 20108



Michel's HDD at Dead Horse Creek
Photo taking facing North East



Noticed excellent housekeeping at
Michel's HDD site at Dead Horse Creek

October 2, 2018



Michel's HDD site at Dead Horse Creek
Picture taken South East

October 3, 2018



Michel's HDD at Dead Horse Creek
Photo taken facing East



Cleaning station south end of the Michel's HDD
site at Dead Horse Creek
Photo taken facing South West

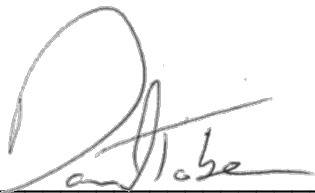
APPROVALS



Corey Monkman
Senior Construction Monitor

October 26, 2018

Date



Daniel Tober
Senior Environmental Scientist

October 26, 2018

Date