

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

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 8**

**AUGUST 7<sup>TH</sup> TO AUGUST 11<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 eight. 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 August 7<sup>th</sup> to August 11<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)	3	Km 909+340, TLU-76, SF7		
Rock Formations (rocks of significance, tipi rings, etc.)	N/A			
Artifacts	N/A			
Bones	2	<p>Bone found adjacent to wetland habit crossing: 909+520, Wetland ID MB-133. Inside Traditional land use area: 909+340, TLU -76. Second bone discovered approximately 50 feet west of original bone.</p> <p>Barrier was established with stakes and flagging tape around perimeter. Waiting arrival of archeologist.</p> <p>Archeologist on site. Documented bones and removed.</p>	Monitor area. Archeologist advised on completion of visit that barriers could be removed.	No
Potential Gravesites	N/A			

### Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required
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				(Yes/No)
Medicinal or Cultural Plants	N/A			
Aquatic Life	1	Small dead fish floating in sheen – spotted floating down stream(south) off oak creek bridge		
Animal Observations or Burrows	1	Beaver dam – north of oak creek bridge		
Bird Nests	N/A			
Trees (Red Willow)	N/A			
Wetlands	1	Sheen spotted on water (Oak Creek Bridge) Crossings have erosion control and spill kit on site.		
Watercourse Crossing	2	Assiniboine River; Oak Creek WC#36 @ km 912+130		

## **Additional Observations and Summary of Activities or Concerns**

Attended daily safety meetings and attended bus tour of Spreads 7, 8 and 9. Weekly activity included becoming familiar with the access points on the ROW and Touring Spreads 7, 8 and 9.

August 7, 2018 safety included: look out for wide loads on Hwy #2 wildlife and watch for slips, trips and falls. Weather forecast, extreme heat and sunny. Fine clean the monitor vehicles at Co-op. Tour the line with Community Liaison and Junior Monitors. Observed top soil stripping, approach installation. Returned to Spread 8 yard and reviewed Pipeline Environmental Protection Plan. Bus tour of Spreads 7, 8, 9 with a departure time of 10:00 a.m. from Portage La Prairie.

August 8, 2018 Safety included: watch for wide loads on highways and wildlife. Watch out for slips, trips and falls. Weather forecast, sunny with extreme heat and smoke from forest fires. Drove to Portage La Prairie to meet with bus tour of Spreads 7, 8 and 9 with First Nation members from Swan Lake, Long Plain, Peguis and Crane River, along with Matrix-Solutions and Enbridge Staff. Viewed Spread 7 yard and tour followed the road access along the ROW. Stopped at Souris River crossing to view and discuss the site and the kick off location at Spread 8. The tour moved on and stopped to view the stock pile yard located in Swan Lake First Nation. The tour bus returned to Portage La Prairie. Work forecast, to attend safety meeting and further discuss monitor roles and responsibilities. Monitor wetlands and natural draining areas.

August 9, 2018 – Safety features included to watch for wildlife, insects, PME, extreme heat, and slips, trips and falls. Weather forecast, sunny, with a high temperature of 34. Inspect wetland habitat crossing and traditional land use areas. A bone was found adjacent to wetland habit crossing: 909+520, Wetland ID MB-133. Inside Traditional land use area: 909+340, TLU -76. Inspect heritage area. Work forecast, to inspect Traditional Land Use areas, inspect wetland crossings in current construction areas as well as ahead of construction. Plan to be revised after morning meeting.

August 10, 2018 - Safety features included to watch for wildlife, bear near Oak Creek, extreme heat, wide loads on Hwy #2 and slips, trips and falls. Weather forecast, sunny, extreme heat with a high temperature of 36.

Revisited wetland and traditional use areas with Aboriginal Liaison. All signs are posted in proper locations. Wetland bridge crossings have silt fencing and proper spill kits in place. Inspected wetland bridge crossing 912+130 WC# 36. Sheen was spotted in the Oak Creek south of existing pipeline crossing, small dead fish floating in sheen. EI was informed and will investigate. Beaver damn north of bridge. Work taken place: Top soil stripping and approach installation. Work forecast, to monitor construction activities, wetland, traditional land use and heritage areas. Attend safety meeting.

August 11, 2018 – Safety feature was watch for wildlife, traffic, extreme heat and slips trips and falls. Monitored and assisted with frog sweep at Oak Creek crossing with no frogs found. the mowing of ROW continued. Monitored approach installation at SF7 access. A culvert was put in place, Geo tech cloth was placed overtop covering from the road allowance to the edge of the field. Monitored excavators and dozers for top soil stripping in a Traditional Land use area at Oak Creek crossing. Monitored soil stripping at SF5. Junior monitors monitoring other wetland and traditional land use locations throughout the day.

No further signs of any traditional objects were found.

## Photos of Sites Visited & Topics Discussed This Week



Aug 9/18

Wetland Habitat Crossing, facing East.



Aug 9/18

Bone found adjacent to wetland crossing in a traditional land use location

SSKP range 909+340, TLU-76



Aug 10/18

Workers installing silt fence around water course crossing



Aug 10/18

Sheen in Oak Creek, south of existing pipeline crossing



Aug 11/18

Photo facing south east

Top soil stripping at Oak Creek crossing

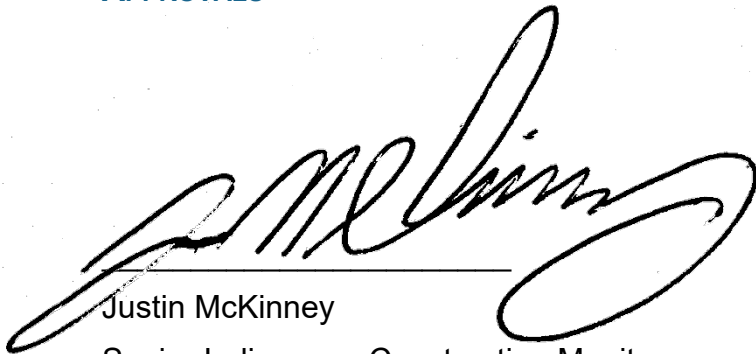


Aug 11/18

Photo taken facing east

Frog sweeping at Oak Creek crossing

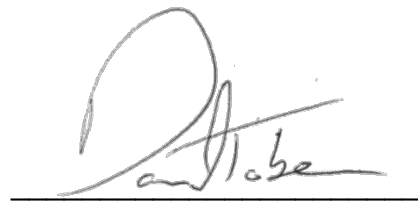
**APPROVALS**



Justin McKinney  
Senior Indigenous Construction Monitor

August 16, 2018

Date



Daniel Tober  
Senior Environmental Scientist

August 16, 2018

Date