



**SGS MUSCOWPETUNG**

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD# 6**

**SEPTEMBER 24<sup>TH</sup> TO SEPTEMBER 30<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)				
Rock Formations (rocks of significance, tipi rings, etc.)	1	787 + 400 Rocks of interest	Area is roped off around the rocks	Continue to monitor
Artifacts				
Bones				
Potential Gravesites				

### Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants				
Aquatic Life	2	Leopard frogs were spotted at 751 + 200 Little Pipestone Creek Amphibian salvage for the Leopard frogs at 786 +500 Stony Creek	A frog fence has been set up at both locations	Frogs will be salvaged and relocated
Animal Observations or Burrows				
Bird Nests				
Trees (Red Willow)				
Wetlands	Many	SK 863 Class III, SK 864 Class III, SK 865 Class III SK 865 a,865b Treed swamp SK 944 -6 Class III, SK – 870 open water pond Class V, SK – 871 Class II, SK 872	Wetlands have been properly ramped/ roped off and marked	No

		– Class II, SK 873 – Temp marsh class I and class II, SK 874 – semi permanent marsh wetland complex Class IV associated with WC77SK 875 – shrubby swamps 876 – semi permanent marsh wetland complex class IV		
Watercourse Crossing		SK WC 87 (FB) 751+770 Isolate if water present/ open cut if dry or frozen to bottom	Vehicle/equipment crossing – clear span bridge	Will continue to monitor at various stages of construction

## Additional Observations and Summary of Activities or Concern

This week our team travelled to various locations within and adjacent to the ROW, to observe and monitor construction. Within various quarters of land that the pipeline goes through there was potential for Archaeological deposits cultural site surface feature and medicinal plant potential.

Daily planning meeting along with site safety compliance and field level risk assessments were completed. Additional training and site tours were done for the new Jr. monitor who joined our team on spread six.

With the many wetlands and water crossing our team was kept busy observing and monitoring construction throughout these areas. The Bio security system was completed daily, and construction was completed on three new wash stations.

A ramp was built over SK 719. 701 + 460 and a ramp was built through SK WC 81 725+223 minor mowing was completed on the sides of each buffer. Minor grade completed to the riparian area on both sides of the crossing. Geotextile wingwalls was installed on the approach and under the bridge, A continued layer was further put across the vehicle crossing. At 704 + 324 crews were also ramping wetlands. And a wash station was set up on the east side of the quarter. 719 + 077.

Jackson Creek 776 + 900 – 779 + 500 Monitored the hydro vac excavations, and the two slurry pits that were excavated. Crews stripped topsoil/transition soil for the bore access at the railway crossing and continued to build up approach on the west side of the tracks. There are various wetlands SK 916 SK 921, SK 922, and SK 923 also the drainage into Jackson Creek WC 88 this drainage is (NFB). To the south 779 + 495 trees had been cleared away to expand the ROW.

Monitored hydro vacs on the cultivated field of the East crossing from 739 + 100 - 741 + 800, There is a buffer around the rare plants (BIDEFRO VG 63) and the wetlands SK 647 and SK 849 Water Drainage SK WC 85. All were marked with signs and roped off.

747 + 900 - 748 + 800 on the West side observed the Drainage SK WC 86 Class V(NFB) and wetland SK 872. Monitored the hydro vacs on both the East and west sides. On the East side crews were roping off all the wetlands. One slurry pit excavated soil properly separated. Later in the week access crew was clearing the ROW from 747 + 980 – 748 + 156. Topsoil was stripped between the water crossing and SK 870 buffer.

The Little Pipestone Creek WC 87 751 + 400 - 752 + 400 observed the ROW and surrounding area Monitored the crews putting up the 840m fence for the frogs (NFLR), signage has been put up for SF and no pipeline traffic through the South road.

Entry to 743 + 547 the ramps were completed on both sides of the road, the wash station was busy, Access crews continued to strip topsoil grade and move soil into piles along the South side of the ROW. 744 + 768 observed the ramp at the road and crews stripping topsoil and building access down the ROW to the East. Walked the area of ROW from 787 + 400 – 787 + 700 Stony creeks, the fence for the frogs was still up and observed the markers and roped off location for the rocks of interest.

Our team noticed a lot of wildlife this week (Moose, deer, fox and a bear were spotted at road 108.

## Photos of Sites Visited & Topics Discussed This Week



Tree pasture with wetlands 745 + 300 – 746 + 100



743 + 600 Cleaning station at entry of ROW



Hydrovac Trucks at 759 + 100 and 776 + 900





Picture above wetland signage/markers



Three Moose spotted crossing the right of way at SF 113



Little Pipestone Creek Frog fences





Topsoil stripping at 744 + 768



Matt bridge over SK 864 wetland 745 + 700

## Approvals

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October 1<sup>st</sup>, 2018

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