



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 6

DECEMBER 10TH TO DECEMBER 16TH, 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	805.70 TLU 132 133, 134, 135 760.00 TLU 47,48,49 785.00 TLU 50	Completed	No
Rock Formations (rocks of significance, tipi rings, etc.)				
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				
Animal Observations or Burrows				
Bird Nests				
Trees (Red Willow)				
Wetlands	3	SK 854 Class IV SK 752 and SK 753 class III	Mitigated as per EPP	No
Watercourse Crossing	3	Ice bridge - Pipestone Creek MB1010 Little Pipestone Creek SK WC 87 Montgomery Creek SK WC 78 (FB)	MB 1010 ice bridge complete / isolated crossing for pipe installation. SK WC 87 Open cut/frozen SK WC 78 -Open cut method/frozen/ completed	MB 1010 continue to monitor SK WC 87 continue to monitor SK WC 78 Re contour and re vegetate

Additional Observations and Summary of Activities or Concerns

This week safety focussed on compressed gas cylinders. With the poor boy crew, mainline welders and additional welding taking place at various locations throughout the spread. When welding, cutting equipment or torches are used a flashback device must be installed and a back-flow prevention device installed at the torch end. Welding is completed inside tents moved along the right of way with the side booms.

With the Christmas break around the corner (Complacency) is a daily safety topic for all crews.

The NEB conducted an environmental audit this week on spread six. Results were the audit went well.

Our team continued to monitor the wetland tie in excavations for the pipe installation and wetland restorations. 747 + 600 our team walked the right of way and monitored side booms lowering pipe into ditch up to drainage SK WC 86 HER Resource 137 DiMi-1 748 + 800. Our team observed crews cleaning snow off the pipes, pumping water out of the ditches and digging snow and ice out of the bell holes, at many locations Pipe was prepped for tie ins. All brush burning was completed a distance from wetlands. Our team observed compliance with the no fuelling within 100m of wetlands, equipment walked to fuel trucks a safe distance away to be fuelled.

Our team followed up monitoring 803 + 494 – Heritage resource TLU area 805.63 – 805 .93 East side of Pipestone Creek the ice bridge is completed across MB1010, Complete with geo wing walls installed on both sides of the bridge. Geo teck and access mats will be placed at the equipment laydown area, this area will not be stripped. At 805 + 550 Excavation for the tie in ditch was completed, track hoe loaded rock trucks with ditch material and equipment completed ripping ditch line from the bore bay and worked west. First joints were lowered in and welded followed by the third joint the hot bended pipe was set in and welded. The pipe was ultrasonic tested and towards the end of the week 1 m of sand padding was placed on top of the pipe before backfilling. Archaeologists and ICM's were on site throughout the week.

Little Pipestone Creek SK WC 87 749 + 602 HER 138 and HER 139 – our team monitored the ditch wheel excavated/cutting ditch line, track hoes followed excavating ditch line and bell holes. Water was pumped out of the ditches in certain areas. The product pipe was prepped and lowered in for tie ins. Sand and gravel was hauled in. Shading the product pipe with a strainer bucket on the track hoe was completed. All ditch excavations were completed with a spotter. Inspectors conducted ditch walks looking for rock mitigation in ditch walls and bottom. This procedure is standard to the pipeline installation process for all pipe placed in the ditch line. Our team monitored Montgomery Creek. At the beginning of the week 714 + 300 wetlands were excavated through SK 752 and SK 753 class III geo teck was placed along the wetland on the right of way stripped side, to catch any wetland soil that may fall from the bucket of the excavator, the wetland soil was placed on the work side in separate piles. Product pipe was strung and prepped along the right of way through the drainage, Montgomery Creek and the tributary areas of SF 99. At 715 + 107 ditch line excavating through Montgomery Creek SK WC 78 was completed. Tie in ditch at 716 + 200 was also completed. The crew prepped pipe for tie in at 714 + 450 and the track hoe excavated ditch line through wetland SK 854 Class IV adjacent to TLU 48. At the end of the week product pipe was lowered in, jeeped and sand shaded before backfilling.

Stringing is completed on spread six, the pipe yards including hauling matting out is in process of demobbing/cleaning the areas used for pipe laydown. The night shift crew continues right of way clean up (grading) and pumping water from ditches. The ditch wheel continues excavating moving east followed by the excavators. Welding, coating and testing continues all pipe before lowering in to the ditch.

Photos of Sites Visited & Topics Discussed This Week



785 + 051 welding crew crossing access



785 + 200 Area of interest roped off pipe strung along right of way





749 + 600 Little pipestone SK WC 87 Creek HER 138 and 139 – Side boom crossing bridge with spotter – pipe strung along right of way and HER sign





MB 1010 Pipestone Creek Ice bridge





747+300 sidebooms cradle pipe and lowering in ditch with spotters
- middle picture below trackhoe shading pipe with spotter



Approvals

Prepared by

D. Masney

Darlene Masney
Senior Construction Monitor

December 16, 2018

Reviewed by

J Roach

Joseph Roach
Project Manager

December 19, 2018

Approved by

E Olotu

Emmanuel Olotu, P.Eng.
Technical Manager, Geotechnical

December 19, 2018



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