

## **SGS MUSCOWPETUNG**

# **ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT** 

**SPREAD 6** 

NOVEMBER 26<sup>TH</sup> TO DECEMBER 2<sup>ND</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	<ul> <li>Pipestone Creek Area of interest will be bored under to preserve the location.</li> <li>Heritage Resource 143 – prepping for the bore adjacent to the area</li> <li>Heritage 149 site – stripping wetland adjacent to the area</li> </ul>	<ul> <li>Bored through, product pipe set in.</li> <li>Bore continuing</li> <li>Stripping of wetland area completed.</li> </ul>	Yes, continue to monitor at both track bore locations.  No further action required for the wetland, completed as per EPP
Rock Formations (rocks of significance, tipi rings, etc.)	1	Pipestone Creek Area of interest will be bored under to preserve the location	Bored through, product pipe set in.	Yes, continue to monitor
Artifacts				
Bones	Many	HER 151 SSKP 805.63 – 805.93	Archeologist tagged the bones for further assessment	NO
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	3	1 moose and 2 deer spotted at job site in area of interest. Coyote spotted at the creek bank.	Wild life walks through the area, there are many noticeable trails/paths and footprints through the area.	NO
Bird Nests				
Trees (Red Willow)				
Wetlands	1	Heritage 149 site – stripping wetland adjacent to the area	Completed	NO
Watercourse Crossing	1	An ice bridge is being constructed across the Pipestone Creek MB1010 for vehicle equipment crossing.	Ice Bridge is being constructed as per EPP	Monitoring



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

Throughout the week snow continued to fall, ice fog and freezing rain made driving conditions extremely hazardous during early morning hours. Our team took extra caution driving from site to site.

Environment topic this week was spills on the ground. Proper containment is required for all leaks or spills from vehicles or equipment. Catchment/spill trays are placed under light plants and generators. All vehicles are to carry a spill kit shovel and pail. All wetland and water crossing have no fuelling buffer of 100m and spill kit barrels are located at every site. Spills or leaks are easier to spot with the snow on the ground. Spills must be reported immediately, contained cleaned up and disposed of properly.

Our team continued monitoring 803 + 494 – Heritage resource TLU area 805.43-805.93 West side of Pipestone Creek – Welders welded Casing and augers to bore spider. The tail ditch was completed and later in the week the bell hole was excavated to make it wider, the additional clay was piled to the east. Boring the casing continued and the crew set in and welded another section of casing with augers and continued to push the bore under the tracks and area of interest. The augers had to be pulled out of the casing and cutting head on the bore machine had to be changed, the tailings were moved with the excavator along the ditch. The product pipe was prepped in the laydown area, one joint at a time was walked with three spotters and tag lines to be set in bore ditch. Crew set in and welded the final section of casing and augers Boring continued with casing through to tail ditch, the spider was cut off. Augers were removed, and product pipe was welded to the casing, sections of the casing were bevelled (cut off) as the product pipe was pushed through. Crew continued to build the ice bridge across MB1010 Pipestone Creek. Again, the weather warmed up and the ice bridge is still in the process. On the East side of the creek the area was graded, the archaeologist walked the area and found additional bison bones. Throughout the week The Archaeologist ICM's and ACM's have been on site monitoring the area. Observations and sightings of Deer elk and Moose have been spotted close to our work area. There are footprints and paths made by the deer through the area of interest.

Monitored Montgomery Creek 714 + 600 - 717 + 200 two ditch wheels excavated ditch/trench and worked east through 716 + 700. The excavators followed through and completed excavating the ditch. Piping was strung on skids along the right of way welded and prepped for lowering in the ditch. By the end of the week sections pf product pipe were set in the ditch and excavators backfilled the ditches.

Our team monitored at 801 + 500 MB 1027 wetland being stripped adjacent to HER Resource148 and 149 sites. A clay bridge was built over part of the wetland, and to the northwest an area along the work side was stripped 20feet wide. Crew laid Geo cloth on edge of stripped wetland over topsoil, to separate the soils when ditch is excavated. At Heritage resource HER 140 Stoney Creek 786 + 600 A section of the roped area was down. Our team put the t post and rope back up. additional monitoring of the cradle bore under the CN tracks at 794 +301adjacent to Her Resource 143 DkMi-9 Casing was prepped by the welders and set in the ditch with side booms. The casing bored through the 45m and product pipe was welded attached to the casing and pulled through.

Additional observation this week continued with right of way maintenance grading and levelling. A crew started the nightshift to work on the general clean-up and maintenance. Cattle Chutes being installed and maintained by utility crews. Water was pumped from bell holes and ditches. Observed tires placed on the ground for equipment crossing roadways and over railway tracks. Trucks continued hauling pipe out of the pipe yards and strung along right of ways on skids. Hydro vacs were completed at 794 + 051 and 807 + 205, hot line excavations between 788 + 352 and 794 + 051. Mainline and poor boy welding, coating, bending and tie ins continue to move east on spread six. Our team continues to monitor at the Pipestone Creek and additional areas at various stages of construction.

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### **Photos of Sites Visited & Topics Discussed This Week**





801 + 500 MB 1027 wetland stripped adjacent to HER Resource148 and 149



Montgomery Creek 714 + 600 - product Pipe strung along right of way







795 + 877 Cradle bore under the tracks









803 + 494 Pipestone Creek track bore under the Tracks and area of interest









Bending Pipe

Ditch wheel Montgomery







Ditch wheel



# **Approvals Prepared by** <u>D. Masney</u> Darlene Masney Senior Construction Monitor Dec 2, 2018 **Reviewed by** Joseph Roach December 4, 2018 **Project Manager Approved by**

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Technical Manager, Geotechnical

December 5, 2018



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