



**SGS MUSCOWPETUNG**  
**ABORIGINAL CONSTRUCTION MONITORING**  
**WEEKLY REPORT**

**SPREAD 6**

**NOVEMBER 12<sup>TH</sup> TO NOVEMBER 18<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) | 1                | Pipestone Creek Area of interest will be bored under to preserve the location | Entry and exit bore pits are complete test bore in process. | Yes, continue to monitor         |
| Rock Formations (rocks of significance, tipi rings, etc.)    | 1                | Pipestone Creek Area of interest will be bored under to preserve the location | Entry and exit bore pits are complete test bore in process. | Yes, 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                   |                  |                                     |                   |                                  |
| Animal Observations or Burrows |                  |                                     |                   |                                  |
| Bird Nests                     |                  |                                     |                   |                                  |
| Trees (Red Willow)             |                  |                                     |                   |                                  |
| Wetlands                       |                  |                                     |                   |                                  |
| Watercourse Crossing           |                  |                                     |                   |                                  |

## Additional Observations and Summary of Activities or Concerns

This week safety focussed on situation awareness (Bulletin) know the area you are working in, recognize potential hazards and understand that within seconds situations can change. Fatigue and Complacency – with the project days and work schedules long, workers tend to become complacent and may have lapse in judgement. Without consciously realizing it workers may be fatigued. Although the work may be routine it is not a good idea to take short cuts and compromise safety.

Our team continued to monitor at 803 + 494 West side of Pipestone Creek the bore machine was set on the track, the fitter bevelled the ends of both pipes and clamped it together then the pipe was tacked ready for welding x-ray and coating. the track hoe completed the steps at the south end of the pit. – The test bore reached 15m and had mechanical problems. The following day the crew was in process of fixing the equipment and continuing the test. The bore will go under the tracks and area of interest, Augers were place inside the casing in preparation for the bore after the test. Additional pipe was brought to the site laydown area. Tacking and coating was completed with the track hoe removed areas of the rocks and dirt, loaded into the rock truck and hauled to an area not piled as high. Two strings of pipe were moved to the west side of the bore pit. Equipment was picked up (tractor with disc) and hauled off site. The bar ditch was completed with fencing and signage put up across the tracks adjacent to the area of interest. The archaeologists, ICM's and ACM's were on site for most of the week monitoring the pilot/test. The wash station at the right of way entrance was dismantled. The junior monitors from spread five travelled to spread six this week and toured the Pipestone Creek with our team.

East side of Pipestone Creek dozers and a track hoe continued to strip topsoil, the area was walked and observed by the Archaeologist when equipment stopped- the ramp across the hotlines had geotek, wing walls and clay fill on top, Inside the fence of the Cromer plant dozers and a track hoe continued to strip topsoil. By the end of the week all the stripping of top soil on spread six was completed. Soil stabilization Tackifying continued this week Crews sprayed the biodegradable, nontoxic substance onto exposed topsoil windrows and along the right of way to prevent the loss of the topsoil or subsoil material. Tackifier was applied where soil was susceptible to wind and water erosion potential, high traffic, and low moisture areas. General clean up and grading of right of ways continues.

At 807 + 400 and 797 + 015 Crew was building access ramps, geo textile was laid out with culverts and the track hoe was piling clay for the ramps. 807 + 400 Equipment was stripping topsoil and pushing soil into wind rows along the right of way. Crews continued to build access ramps at various right of way entry locations. Complete with geo teck laid, culverts, clay fill and wing walls.

Additional observations included crews placing skids/cribbing, trucks were busy hauling pipe from the pipe yards which was strung along the right of ways. Bending of pipe, welding and coating are ongoing bore pits at access roads were excavated and completed.

## Photos of Sites Visited & Topics Discussed This Week



806 + 400 East side of the Pipestone Creek Archaeologist looking through soil piles



806 + 140 East side of the Pipestone Creek Dozers tandem pushing topsoil



806 + 128 Ramp completed east side of the Pipestone Creek







805 + 420 Track bore East side of the Pipestone Creek



## Approvals

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