



**SGS MUSCOWPETUNG**

**ABORIGINAL CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 6**

**FEBRUARY 25<sup>th</sup> TO MARCH 3<sup>rd</sup>, 2019**

### 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	Sign at Little Pipestone Creek HER 138, 139 was missing.	Sign replaced	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	1	803 + 380 ramp removal adjacent to VG71 and VG 72	Ramp removed	No
Aquatic Life				
Animal Observations or Burrows				
Bird Nests				
Trees (Red Willow)				
Wetlands	Many	715 + 100 SK 753 Class III 716 + 600 SK 754 Class II 725 + 200 SK 771 Class V 717 = 600 SK 755 Class III 718 + 000 SK 756 Class III 730 + 100 SK 799 Class IV 742 + 859 SK 857 Class III 745 + 400 SK 863 open pond Class V 736 + 700 SK 828 Class IV 747 + 000 SK 869 Class IV 753 + 300 SK 876 -2 Class IV 756 + 000 SK 881 Class III 756 + 200 SK 881 – 1 Class III 759 + 350 SK 884 Class IV 701 + 800 SK 719 Class III 703 + 900 SK 723 Class III 704 + 100 SK 724 Class III 705 + 200 SK 727 + 2 Class III 760 + 250 SK 887 Class III 761 + 600 SK 893 Class III 765 + 700 SK 900 Class III 797 + 200 MBWC 1008 Class III Spread 5 544 + 574 – bridge removed	Ramps were removed through various wetlands. Restoration completed as per EPP.	No
Watercourse Crossing	4	SK WC 78 (FB) Montgomery Creek WC 79 (FB) unnamed tributary to Montgomery creek. SK WC 81 Drainage (NFB) SK WC 85 Drainage (NFB)	Ramps were removed though water crossings and spring mitigation completed as per EPP	No

## Additional Observations and Summary of Activities or Concerns

This week safety focussed on winter driving preparedness – Do everything more slowly. Snow changes the responsiveness and drivability of your vehicle. Drive more slowly, allow more room between you and the next vehicle, brake more slowly, use the gas sparingly and anticipate turns well in advance. If you go into a skid, don't panic. Don't stomp the brake or do anything drastic. Correct the skid by turning in the same direction as the skid, ease off the gas and get the car back under control again. Our team continues to travel with caution.

The hydrostatic test of the last section (32) 779 + 400 – 807 + 744 was completed. Three ovalities were determined from the test results. Excavation of the areas to relieve the ovalities are ongoing.

This week our team observed the installations of block valve 691 + 523 MLBV #18 was completed. 706 + 670 MLBV # 19 Tie in completed, trucks hauled in filcrete material, the bell hole was shaded/packed with select material and backfilled. 744 + 666 MLBV # 20 Valve installed and tie ins completed this week. Twenty loads of sub base material were hauled in and placed under the structural of the valve. Select material was used to backfill the area. 774 + 232 MLBV # 21 The area was prepped for installation, water in the bell hole was pumped and the ice was removed. Additional excavation of the ditch was completed for the tie in. 785 + 233 MLBV # 22. The valve was loaded at the stock yard and hauled to site. The area was prepped with temporary platforms. Valve was lowered, and welders started tie ins. 793 + 515 MLBV # 23 and 805 + 304 MLBV # 23A valves were hauled to sites, crews in process of prepping area for installation.

Our team continued to monitor the spring mitigation with removal of wetland ramps in low areas and restorations. Wetlands observed were 715 + 100 SK 753 Class III WC 78 (FB) Montgomery Creek wetland ramp removed, diversion berms and silt fencing installed. 716 + 600 SK 754 Class II WC 79 (FB) unnamed tributary to Montgomery creek ramp/ clear span bridge removed, berms and silt fencing installed. 725 + 200 SK 771 open water pond Class V and WC 81 Drainage (NFB), ramp removed. 741 + 500 SK WC 85 Drainage (NFB) ramp also removed. 717 + 600 SK 755 Class III ramp was removed, and crew cut in a catch basin. 718 + 000 SK 756 Class III ramp removed, and area restored. 730 + 100 SK 799 semi-permanent marsh Class IV ramp removed geo teck stripped and removed from spoil piles. 742 + 859 SK 857 seasonal marsh Class III restoration completed. 745 + 400 SK 863 open water pond Class V Completed. 736 + 700 SK 828 Semi permanent marsh Class IV Clay and geo teck was stripped from the wetland. 747 + 000 SK 869 semi-permanent marsh Class IV south half of ramp was removed. 753 + 300 SK 876 -2 semi-permanent marsh Class IV. Restoration completed 756 + 000 SK 881 Class III full ramp removed crowned ditch line and placed topsoil. 756 + 200 SK 881 – 1 Class III placed topsoil restoration completed. 759 + 350 SK 884 semi-permanent marsh Class IV – crowned ditch line, placed topsoil restoration completed. 701 + 800 SK 719 ramp removed installed swales catch basins on east and west side of wetland. 703 + 900 SK 723 and 704 + 100 SK 724 ramps removed. 705 + 200 SK 727 + 2 ramp removed catch basins completed on east and wet sides. 760 + 250 SK 887 Class III – crowned ditch line placed topsoil restoration completed. 761 + 600 SK 893 Class III – removed snow and placed topsoil restoration completed. 765 + 700 SK 900 Class III restoration completed. 797 + 200 MBWC 1008 Class III ramp was also removed. 803 + 380 ramp removal adjacent to VG71 and VG 72. Spread 5 544 + 574 – pulled the bridge clay ramp removed, diversion berms, catch basins and cleaning of stream bed completed.

Additional observations included: Observing machine clean up of the right of way through various areas. Crews excavating sediment catches completed with straw waddles and silt fencing. Cathodic cable trenches hydrovaced. Crews continued to burn brush piles and clean up of geo teck from spoil piles was ongoing all through the week. When the ramps are removed from the wetlands the clay is removed and the geo teck is

removed as well. At 719 + 960 ramps were removed on both east and west side of the highway. We observed the Heritage Resource 138 and 139 signs at the Little Pipestone Creek missing and had to be replaced. At Stony Creek 787 + 500 – 788 + 300 Machine clean up moved the spoil piles and built up the roach on both sides of the creek. The area of interest was not disturbed. Our team continues to monitor construction of the pipeline on spread six.

## Photos of Sites Visited & Topics Discussed This Week



753 + 200 Stripping ramp through SK 876



705 + 200 Stripping ramp through SK 727 + 2



730 + 100 Ramp removal – removing geo teck SK 799



744 + 650 Crew sand shading block valve MLBV #19



785 + 233 MLBV #22 site prepped for installation and sidebooms cradling valve at install



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