



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 6

OCTOBER 28TH TO NOVEMBER 4TH, 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)	0			
Rock Formations (rocks of significance, tipi rings, etc.)	0			
Artifacts	0			
Bones	0			
Potential Gravesites	0			

Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	0			
Aquatic Life	0			
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	3	SK 846 class III 740.19 – 740.24 SK 847 class III Shrubby swamp wetland complex 740.45 – 741.25 SK 849 Class III 741.55 – 741.61	Proper ramping for construction phase mitigation completed for each wetland crossing textile and clay ramp with wing walls	No
Watercourse Crossing	0			

Additional Observations and Summary of Activities or Concerns

With the wet weather environment focussed on keeping mud off the main roads. Vehicles must not track mud of the right of way on to the municipality gravel roads or highway. Crews were cleaning up the main road ways as areas got muddy, and mud tracked off the right of way onto the entry or Shoo flies were shovelled/cleaned up throughout the day, using a skid steer the wash stations were kept busy cleaning equipment before moving to next locations. All new equipment entering our spread arrived pre-cleaned. Oilers cleaned tracks from heavy equipment at various times of the day and shift end. A couple of days during the week access and grade crews in certain areas were shut down due to the rain and snow, {all the areas that involve soil/dirt work} continual inspections are in place to ensure the soils are not mixed.

Environmental signage and heritage signage was put up at various locations throughout the week.

Driving to sites and walking through the areas was our team's safety focus this week. Roads were slippery/muddy extra caution was taken travelling and driving, our team parked our vehicles at locations and walked the right of way to observe the areas crews were working.

Our team continued to monitor at 803 + 494 West side of the Pipestone Creek Track hoe continued to dig track bore pit and loaded rock truck with soil/rocks, ICM's and Archaeologist were on site throughout the week. A wash station was constructed at entry, the slurry pit that was excavated had been roped off. The fencing and signage for the track bore pit were at the site. Drill sections, skids and additional equipment was brought to the area in preparation for the boring under the tracks

This week stripping of the right of way was near completion, our team observed various areas of the pipeline route being stripped and graded with soils separated and piled in windrows along the south side of the right a way. Areas of the soil had also been stabilized (Tackifier) At 707 + 015 observed dozers pushing soil into piles, 800 + 902 power dozer had stripped the top soil and worked east to 800 + 902 and the second power dozer stripped topsoil through 802 + 562 working forward to 803 + 494. 787 + 842 track hoes and dozers were pushing and stripping the topsoil, seconds and the clay soils were all separated marked with stakes for identification and piled in windrows and extra work space.

Our team walked the right of way at 740 + 101 to observe the wetland ramps and stripping around the rare plants. Fencing was put up between the ROW between wetland area and rare plants. SK 847 and SK 849 ramps were completed with Geo textile and clay and completed with wing walls. Dozer continued to push soil into windrow piles along the south side. The topsoil that was stripped from the wetlands were moved into separate piles and marked with stakes.

Stony Creek 785 + 051 our team monitored the area, right of way was being cleared with three dozers. A ramp was constructed over line crossing. Fence along the tree line south side had been replaced. The fence into the right of way was removed. The area of interest was clearly marked and roped off. All the soil piles that were in front of the area were relocated to piles South/east of the area. Geo textile was being placed at the creek crossing for the ramp. Entry access ramps on both east and west entries were completed, observed the dozers piling topsoil a meter from the boundaries in the extra work space and placing the seconds a meter in front of the topsoil.

Trucks hauled the 36" pipe from the pipe yards to the right of way. Pipe was unloaded onto skids and strung along the right of ways.

Observed bore pits excavated at entry crossings on both sides of the shoo fly road entries (bar ditch) and exit (tail ditch) for 36" heavy wall pipe to be bored under. Each excavation has a bell hole for the welders to do tie ins. All excavations completed had a snow fence put up around it with Warning Open Ditch signage. The side boom lowers the pipe with cradles in the bar ditch and the bore machine hooks up to the pull head, joining to the pipe and pulls the pipe through the bore hole under the road. Half section of the pipe is left exposed on either side ready for tie ins. Pipe bending was completed for areas that required side bends, sags, sag bends and over bends to maintain contour of the land and curves of the right of way.

Additional observations included building an aqua dam and access through wetland 760 + 530 SK 895.

Photos of Sites Visited & Topics Discussed This Week



800 +902 Power dozers stripping topsoil



805 + 612 Digging track bore pit west side of the tracks at Pipestone Creek



805 + 612 Track bore pit west side of the Pipestone Creek



805 + 612 Wash station at Pipestone Creek 146a west side



785 + 051 Stony Creek Area of interest roped off and equipment moving top stripped topsoil



691 + 580 Pipe strung along the right of way



748 + 737 Bore pit excavation for road crossing



691 + 580 Bore bay and tail ditch excavation



740 + 101 Ramp built over wetland crossings SK 847 an SK 849



741 + 779 Dozers travelling on right of way to work location



784 + 842 Dozers tandem pushing Stripping to windrow

Approvals

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