



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 5

JANUARY 14TH TO JANUARY 20TH, 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)	3	TLU Heritage Resource HER134, HER135, HER132, HER133.	Ongoing	Y
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	3	Native Prairie Zone SSKP622.28-SSKP625.75	Ongoing	Y
Aquatic Life	0			
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	1		Ongoing	Y
Watercourse Crossing	2	SK WC68 & SK WC62	Ongoing	Y

Additional Observations and Summary of Activities or Concerns

Throughout the week, the spread 5 team followed up on the progress of MLBV15 site located east side of Water Course Crossing unnamed tributary SK WC62 SSKP570.07, Wet Land Crossing SK427 and Heritage Resources HER121 SSKP/122 SSKP569.8-SSKP570.2. Banister crews continued to backfill the site using compaction plates, Pinter Associates LTD was on site to conduct compaction testing utilizing a Nuclear Densometer tool - which is a field instrument used in geotechnical engineering to determine the density of a compacted area. This continued throughout the entire week, environment requires the area to be a 6-inch lift to grade, slow process as you can see in pictures below.

Site clean-up with machine continued from SSKP622+200 going through native prairie zone which stretched from SSKP622.28-SSKP625.75, also clearing through wet land crossing SK504, wet land crossing SK505 and through Heritage Resource HER132 & HER133 to the west side of Water Course Crossing Chapleau Lake SK WC68 SSKP624.04. Clean up crews levelled the sub soil piles and all debris along the right of way was cleaned up including roach areas which were built up for sediment control. Equipment moved over to the east once crews were completed on the west side of the Water Course Crossing, located on the east side lake area is Heritage Resource TLU HER134 & HER135, the area is fenced off to avoid disturbances in this area. Banister crews continue to level the right of way and the test point area is currently being cleared of ice from around the pipeline from SSKP624+700 - SSKP624+900 by hydro vac crews. Shading and backfill process in this area is ongoing. Native prairie zones area and watercourses are extremely important in the native prairie landscape, regardless of size. Wetlands are important as they provide habitat for wildlife, especially for species of concern. Rare plants are often found in these environments the one located in this area is known as blue-eyed grass VG57 SSKP624.02 the area has been protected by being fenced off and signs were placed around the area so it can be avoided.

Watercourses are the lifeblood and circulatory system of native prairie system.

Photos of Sites Visited & Topics Discussed This Week



MLBV15 Compaction lift process- worker remove clay/ rocks from the excavation



MLBV15 compaction in progress utilizing compaction plates



MLBV15 compaction in progress



Compaction at MLBV15 continues



Site clean-up with machine begins on east side of Chapleau Lake



Hydro vac clearing ice from around the pipeline before shading in



East side Chapleau Lake clean up in progress



Shading in and backfill ongoing at east side of Chapleau Lake

Approvals

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January 19th, 2019

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January 22nd, 2019

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January 22nd, 2019

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