



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 5

FEBRUARY 11TH TO FEBRUARY 17TH, 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)	2	HER133	Spring clean up	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	0	SSKP622.28, VG57 SSKP624.02	Ongoing	
Aquatic Life	0			
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	6	SK629, SK642 & SK646	Ongoing	Y
Watercourse Crossing	2	SK WC68	Ongoing	Y

Additional Observations and Summary of Activities or Concerns

Beginning of the week monitored the area SSKP622+200 east side of SF51, going into native prairie zone SSKP622.28-SSKP625.75 down to west side of water course crossing Chapleau Lake SK WC68 SSKP624.04 & TLU129/TLU130 also Heritage Resource Area HER133 SSKP623.87-SSKP624.12. Banister crew continued to remove the access ramp at the Rare Plant Area VG57 SSKP624.02. A hoe operator used the bucket to scrape up the geo-tech membrane (Geotech) and remove it - a dump truck was used to transport the clay on top of Geotech out of the area, once completed the crews cleaned up the area and completed installation of the diversion berms for erosion control.

Throughout the week monitored at SSKP676+300 West side of SF80 at MLBV17 valve station site, hydro vac truck was east of the valve site - clearing snow and water from under the mainline due to the amount of snow fall during the week. Two tracks hoes one stationed at the valve site and another west of the valve site. At west of the valve site the hoe operator is breaking down sub soil. GEEBEE semi-truck offloaded sand for shading and compaction of the both mainline and valve site. A spotter was used to assist during the shade & backfill process. The working crew averaged about 4 lifts per day, by using hand shovels breaking down the hard clay and with the use of compaction plates. Once each lift was completed, Pinter & Associates LTD performed nuclear density testing. They were present on site throughout the week for the compaction testing.

By the end of the week, the working crew at MLBV17 station finished the final lift on Friday and clean-up of the area is ongoing along with two wet land crossing areas access ramps SK642 & SK646 are still in the process of being removed and machine clean-up of spread 5.

Photos of Sites Visited & Topics Discussed This Week



Ramp removal at a rare plant area VG57



Compaction started at MLBV17 – sand fill worker breaking down hard clay with hand shovel before use of compaction plates.



Sand fill being shaded in by bucket – spotter inside trench area used whistle to alert other workers during the backfill process. (Safety feature)



Workers applied rock shield - rock shield is a plastic mesh used as pipe guard to protect pipeline from rocks when backfilled. Rocks can easily damage the pipes protective coatings and the rock shield mesh helps to cushion any impact during the backfilling.



Pinter & Associates LTD employee conducting compaction test testing 5 areas in the pad area after each lift



Sand compaction completed, backfilling MLBV 17 valve station with subsoil from trench area - Final lift reached!

Approvals

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