



SGS MUSCOWPETUNG
ABORIGINAL CONSTRUCTION MONITORING
WEEKLY REPORT
SPREAD 4
SEPTEMBER 25TH TO OCTOBER 1ST, 2017

SGS Canada Inc. #1450 – 407 2nd Street SW (14th Floor) , Calgary Alberta T2P2Y3 t: (403) 278-9730 www.sgs.com

ISO 9001: 2008 Registered OHSAS 18001:2007 Registered

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)	8	Native prairie zone		No
Rock Formations (rocks of significance, tipi rings, etc.)	2	Pottery and rock core		No
Artifacts	6	Hide scraper, heating rocks, core		No
Bones	1	Cow bones		No
Potential Gravesites	2	Potential burial sites		No

Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	1	Rare plants		No
Aquatic Life	2	Leopard frogs		No
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	1	Hawthorne Tree		
Wetlands	5	Creek, Dugout		No
Watercourse Crossing	5	Iskwao Creek, High pound hill	Aquadam	No

Additional Observations and Summary of Activities or Concerns

This week Enbridge started to use tackifier for the top soil and secondary piles. It was observed and reported. The piles are sprayed down to ensure that the wind does not blow any of the soil away while work is being done. Also this week, we were able to observe a Aquadam getting installed at the Iskwao creek. Once the dam is done the water is pumped out of the middle and a crossing is put in for equipment to move. Once again, we observed many slurry pits being installed along the Qu'Appelle valley. Near the end of the week we got to accompany the Archeologists as they did a dig a the top of the Qu'Appelle valley in the Native Prairie Zone. Many artifacts were discovered including pottery, hide scrapers, core rocks and heating stones. These samples were documented and bagged. Construction is going along nicely and the right of way should be stripped all the way through Spread 4 in no time. Also this past week there was an audit done through Spread 4, which they passed with flying colors.

Photos of Sites Visited & Topics Discussed This Week



Aquadam



Tackifier being sprayed on top soil





Aquadam being constructed.

Approvals

Prepared by

Chris Burke

Chris Burke
Senior Construction Monitor

October 2, 2017

Reviewed by

J Roach

Joseph Roach
Project Manager

October 2, 2017

Approved by



Edison Reis
Canada's IND Quality Manager

October 3, 2017