



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 3

OCTOBER 9th TO OCTOBER 15TH 2017



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	1	Potential of fish in Macdonal Creek, fish salvage	done	no
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	0			
Watercourse Crossing	2	WM1 Canal ROW, South Saskatchewan River	ongoing	No

Additional Observations and Summary of Activities or Concerns

Continued from the previous week majority of my time is still focused on the directional drilling at RD 34 SSKP-330+778 WM1 Canal and the site of directional drilling of the South Saskatchewan Crossing. Directional drilling at RD 34 is completed. The pipe has been pulled thru the bore and the turbidity in the water sampling of the canal by Golder Associates was good. The directional drilling at the South Saskatchewan River is 1370 metres long and they're at 855 metres with their pilot drill. They are approximately half way across and they're 57 metres underneath the river.

At McDonald Creek there was a potential of fish being in the creek so they did the mitigation process of the diverting the flow of the creek with pumps and hoses. They barricaded the right away of the creek with the steel plates. Then Golder associates used electro fish system throughout the inside of the barricade but there was no evidence of fish.

We again observed the ditching crew and the backfill crew to make sure that there has been no artifacts found during the process of ditching. Also observing the top soil stripping crew to also ensure that no artifacts were found in their process as well.

From the Environmental team's perspective there are currently no Issues that we are aware of.

Photos of Sites Visited & Topics Discussed This Week



Pipe that was pulled thru (RD 34)



Retrieving water samples at South Saskatchewan River



East end of South Saskatchewan River existing pipeline.



Using electro fish device at McDonald Creek with barricade in the picture.



Directional Drilling at South Saskatchewan River



Barricade at McDonald Creek

Approvals

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October 15, 2017

Reviewed by



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October 15, 2017

Approved by



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October 15, 2017