



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 4

JANUARY 22ND TO JANUARY 28TH, 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)	6	Native prairie zone		No
Rock Formations (rocks of significance, tipi rings, etc.)	0			
Artifacts	4	Search for artifacts	None found	No
Bones	0			
Potential Gravesites	1	Cow bones		No

Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	2	Rare plant area		No
Aquatic Life	0			
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	1	Qu'appelle wetlands		No
Watercourse Crossing	5	Qu'appelle water crossing	Bridge	No

Additional Observations and Summary of Activities or Concerns

Another week down on Spread 4. Most of this week was spent in the Qu'Appelle valley. Tie-ins were done throughout the whole valley and up along the valley face. The crews started by trenching along different sections along the valley. Pasqua monitors and Golder associates archeologists were present for these activities as they monitor for artifacts that could be unearthed during the excavation. None were discovered during this excavation. Hydrovac's were also used for the trenching activities as they were used to find any hotlines and expose existing lines in the ground. Next step was to bring in the side booms to lower pipe into the open trenches. Some of the trenches needed to be sand padded as the earth was a little too rough for the pipe. After that the welders came in and connect the sections with the existing mainline already in the ground, including the bores done under the roadways and the underground drill beneath the Qu'Appelle water crossing. The jeep and coating crew come through next. They made sure all the welds and jeeps are taken care of. Following them up behind was the backfilling crew. They took a couple of days to finish up backfilling as they must take their time so they do not damage the pipe in any way.

Most of next week will be spent at High hill creek as the plan is to trench through the creek bed and do an open cut on the road. Should be quite a busy upcoming week. The pipe is almost all put into the ground and we are closer to the completion date. Have a good week everyone.

Photos of Sites Visited & Topics Discussed This Week



EXCAVATOR TRENCHING DITCH IN THE QU'APPELLE VALLEY



Hydrovacs exposing existing lines before trench is dug.



Side booms connecting tie-ins and welding to existing pipe in trench.



Excavator backfilling trench with pipe in the ground.

Approvals

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January 28, 2018

January 28, 2018

Reviewed by



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January 28, 2018

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January 30, 2018