



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 4

OCTOBER 23RD TO OCTOBER 29TH , 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)	6	Native prairie zone		No
Rock Formations (rocks of significance, tipi rings, etc.)	1	Buffalo stone	Transport to new location	Yes
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	5	Rare plant area		No
Aquatic Life	4	Leopard frogs	Transplant to new location	Yes
Animal Observations or Burrows	1	Herd of deer		No
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	3	Slough		No
Watercourse Crossing	4	High Hill creek	Bridge to be built	Yes

Additional Observations and Summary of Activities or Concerns

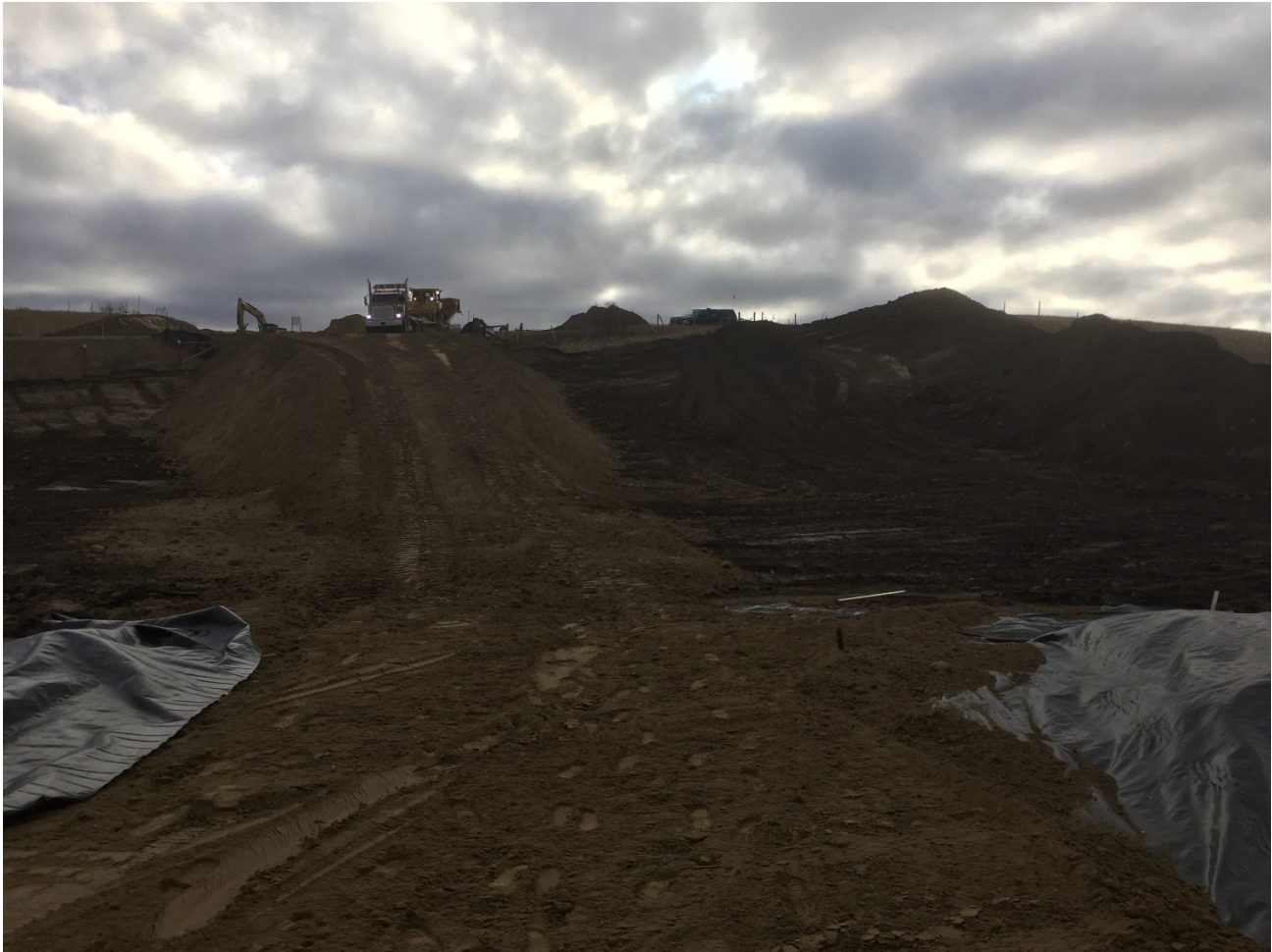
This week there has been a lot of movement around Spread 4. As more and more workers join the spread, the busier it is going to get here. The weather is also cooling off quite quickly. It is near freezing level every morning, but continues to warm up during the day. It is time to get the winter gear out of storage as its only going to be getting colder.

This week the stripping crew pretty much reached the end of Spread 4. The whole spread is now stripped. Meaning that trenching will be starting soon. Early this week, the crews start to string pipe out on the spread. They are moving along at a good rate. Tackifiers were observed spraying ditches with an environmentally safe solution. Also, this week, the bore crew reached Spread 4. They were observed boring under the roads at marker 413+983 and 429+712. It is a very strategic process to bore underneath roadways. They must be very careful that the road does not cave in on them. The bridge at Qu'Appelle was finished and work was started at high hill creek. The valley hills were stripped and a spring was found to be under the topsoil. Work was halted while mitigation procedures were put into place. So, we are hopeful they can get mitigated so the bridge can be installed at High hill creek. It was also decided that Biologists would not bother the Leopard frogs in the creek till next year when hibernation is over. Work is also going very strong for the directional drill underneath the Qu'Appelle water crossing. Welding crew already have the pipe all welded and coated, ready to install.

Photos of Sites Visited & Topics Discussed This Week



Environmentally safe tackifier



RAMP BUILT AT HIGH HILL CREEK



PIPELINE ENTERING BORE HOLE



BACKHOES STRIPPING TOP SOIL

Approvals

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October 29, 2017

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October 29, 2017

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October 29, 2017

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October 29, 2017