



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD # 3

JANUARY 29TH TO FEBURARY 4TH, 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)	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	0			
Animal Observations or Burrows	0			
Bird Nests	0			
Trees (Red Willow)	0			
Wetlands	0			
Watercourse Crossing	1	South Saskatchewan River Crossing. Horizontal directional drilling	South Saskatchewan Crossing ongoing.	Ongoing

Additional Observations and Summary of Activities or Concerns

The horizontal directional drilling at the South Saskatchewan River was completed early in the week. Mears group spent majority of this week demobilizing the rig and all their equipment.

They have installed test head with the pigs in them at exit point of the bore. They have installed another test head at entry point. They will be de-watering the bore section early next week. They have also started tying in pipe sections at exit point.

Compacting of sand has been ongoing all week at valve eight of the pipeline.

There have been no environmental issues up to date. Completion of spread three is near the end.

North West Elevation

☼ 117°SE (T) ● 51°21'7"N, 106°59'16"W ±16.4ft ▲ 1661ft



MOVING RIG MATS FROM RIG SITE

East Elevation

☉ 281°W (T) ● 51°21'6"N, 106°59'9"W ±16.4ft ▲ 1655ft



DIGGING OUT ENTRY POINT

South East Elevation

☉ 336°NW (T) ● 51°20'55"N, 106°57'57"W ±32.8ft ▲ 1744ft



INSTALLATION OF TEST AT EXIT POINT

East Elevation

📍 293°W (T) 📍 51°20'58"N, 106°57'53"W ±16.4ft 📍 1777ft



DIGGING DITCHLINE AT EXIT POINT

East Elevation

☼ 273°W (T) ● 51°21'6"N, 106°59'13"W ±16.4ft ▲ 1647ft



CLEANING PIPE SECTION



HAULING AWAY SOIL FROM ENTRY POINT

South East Elevation

📍 293°NW (T) 📍 51°21'7"N, 106°59'9"W ±32.8ft ▲ 1653ft



EXCAVATING PIPE AT ENTRY POINT

South Elevation

☉ 341°N (T) ● 51°21'6"N, 106°59'12"W ±16.4ft ▲ 1651ft



MEARS GROUP DEMOBILIZING

South Elevation

⊗ 347°N (T) ● 51°21'6"N, 106°59'11"W ±16.4ft ▲ 1640ft



ENTRY POINT BEFORE EXCAVATION

Approvals

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February 4, 2018

Reviewed by



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February 6, 2018

Approved by



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February 6, 2018