



SGS MUSCOWPETUNG

ABORIGINAL CONSTRUCTION MONITORING

WEEKLY REPORT

SPREAD 6

AUGUST 20TH TO AUGUST 26TH, 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)				
Rock Formations (rocks of significance, tipi rings, etc.)				
Artifacts				
Bones				
Potential Gravesites				

Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	Many	625+691,805+567,740+300 625+681,622+223 Various types of Medicinal and cultural plants were observed throughout these areas	On going	Continue to monitor
Aquatic Life	1	622+223 dug out/ (NBF) aquatic life was observed by Environment	Biologist and her team relocated the tiger salamanders to a near by pond on the North side	No
Animal Observations or Burrows				
Bird Nests	3	Spread 5 three previously observed nests still active <ul style="list-style-type: none"> American goldfinch near sskp 645.6 Morning dove nest near sskp 680.2 Barn swallow nest near sskp 684.84 	On going environment is checking daily	No
Trees (Red Willow)	1	Valley west of the old rail bed site / Willow trees were on the ROW (Right of way)	willow trees were relocated for future transplant	No

Wetlands	7	SK 540 Class III Seasonal marsh SK 542 Class III seasonal marsh SK 543 Class III Seasonal wetland complex SK 562 Class III Seasonal Marsh SK 552 Class III Seasonal marsh SK 504 /temporary marsh SK 505 temporary marsh	Buffer area's and clearly marked /signage/ non-fueling zones	No
Watercourse Crossing	1	Sk WC 71 kp 643.43 Classification - drainage – Vehicle and equipment crossing method Ramp and culvert matt if dry. (NFB) The drainage was dry at time of assessment.	Prep work was completed minor grade to both sides of the crossing, buffer zone was swath by the farmer, Geo textile wing walls were placed on the approaches and underneath the flume. A continuous layer across the vehicle crossing was completed.	No

Additional Observations and Summary of Activities or Concern

Monitors of spread 6 ensured they complied with the Bio security system with washing of trucks and spraying boots and tires before leaving to sites and repeating procedure before entering new locations. Rough cleans were completed this week as well. The system was created to eliminate cross contamination from field to field. The Bio Security system also protects the medicinal and cultural plants within the First Nation Heritage sites, wetlands and water crossings.

Daily Construction meetings were attended, our team held a toolbox meeting each morning, this week we focussed on driving to sites and the hydro vac safety procedure. A field level risk assessment before leaving every day was completed to recognize and eliminate hazards before heading out to sites and kept in our trucks should task or conditions change.

This week Spread 6 monitors Travelled to three sites the First Nations requested monitoring at various stages of construction.

One area we Travel to on several occasions this week was Chapleau Lake 625+691 to monitor and do observations. On Aug 22nd we travelled to the East side of Chapleau Lake where equipment stripped top layer to extend HDD pad to 624+700 additional 30m within Areological site. We returned to the area to further look over the site and walk the area where the completed stripping had taken place and observe the soil piles for possible artefacts. (no archaeological or sacred site surface features were observed). At the East side of Chapleau lake 622+223 we continued to monitor the none fish bearing dugout, that was being pumped out until the environment noticed possible fish in the dugout. It was discovered that tiger salamander's is what was observed. This week we observed the mitigation process/procedure to relocate the salamander's. The Biologist and her team used long nets to catch the tiger salamander's separate them into pails and relocated them to a nearby pond. The dug out has been emptied and will be filled with tested soil from an area to the south. Further observations of wetland Crossing SK 504 and SK 505

Vipond Creek Archaeological Sacred site is another area within the right of way that PRNFN has requested Monitoring during soil exposed by hydro vac catchment and pit excavations, Areas of interest included the adjacent cultivated uplands, the valley crest and the flood plain. This week we monitored all the hydro vacs within the cultivated uplands, the valley crest and the flood plains. These areas are located between station 661+132, station 661+137 Several Hydro vacs were done to expose pipe, Sask tel and hydro lines on both the west and East sides of the Valley. Forty-five hydro vac excavations were monitored Fine cleans were done before we left to site, mist spray before entering sites and rough cleans were completed between fields. We walked the area where the 2 slurry pits were on the west side, Stn 661-600 and the one on the East side stn .663-200 Clearly marked and roped off. We did observations/ visual assessments off all three slurry pits and repeated visual assessments as material was unloaded. Once the hydro vac procedure was done visual assessments were completed which concluded no signs of artefacts or cultural buried deposits. Any assessments of interest were forwarded to the Archaeologist. On one occasion archaeologist confirmed a rock within one of the excavated holes was natural not cultural. Our team will continue to monitor this area through various stages of construction.

Valley west of the old rail bed 643+400 is another location our team continued to monitor this week. We monitored excavating and building of ramp over wetland. FN (First Nation) have requested monitoring in this area as there is potential for deeply buried cultural deposits. The water course crossing Wc71 SSkip 643.43 area was dry, Geo textile was installed on the walls and under the flume and the vehicle/equipment crossing was complete. (Wetlands SK 540 .class iii was properly marked with a no fuelling buffer. The willow trees that were removed were placed to the south of the ROW (right of way). Grading and piling of soil was completed.

Observed additional wetland areas with the no fuelling buffers properly marked with signage.

Photos of Sites Visited & Topics Discussed This Week



Valley west of the old rail bed 643+400 crossing over wetland



Valley west of the old rail bed 643+400 Removal of willows



Vipond Creek Archaeological Sacred site Picture taken looking East



Vipond Creek upper adjacent cultivated uplands - Hydrovacs



Vipond Creek upper adjacent cultivated uplands – Hydrovacs



Vipond Creek upper adjacent cultivated uplands – slurry pit excavation

Approvals

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