

**SWAN LAKE FIRST NATION – MATRIX SOLUTIONS  
INC. PARTNERSHIP**

**INDIGENOUS CONSTRUCTION MONITORING**

**WEEKLY REPORT**

**SPREAD 8**

**AUGUST 13<sup>TH</sup> TO AUGUST 18<sup>TH</sup>**

## 1. PURPOSE OF THIS REPORT

The report is a weekly summary of the daily reports submitted by the Indigenous Construction Monitors that are working on spread eight. The social and cultural findings have been tabulated with locations and mitigation measures below. A summary of the construction activities has been summarized for the weeks of August 13<sup>th</sup> to August 18<sup>th</sup>, 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)	N/A			
Rock Formations (rocks of significance, tipi rings, etc.)	N/A			
Artifacts	N/A			
Bones	N/A			
Potential Gravesites	N/A			

### Environmental Features

Field Observation	# of occurrences	Description and Mitigation Measures	Mitigation Status	Further Action Required (Yes/No)
Medicinal or Cultural Plants	N/A			
Aquatic Life	N/A			
Animal Observations or Burrows	N/A			
Bird Nests	N/A			
Trees (Red Willow)	N/A			
Wetlands	N/A			
Watercourse Crossing	N/A			

## Additional Observations and Summary of Activities or Concerns

Weekly activity included continue to become familiar with the access points on the ROW and checking SF 7, 18, 18A, 19,21,22, 22A, 22B, 23, 24A, 26, 31

August 13, 2018 - Safety included: look out for wide loads on Hwy #2 wildlife and watch for slips, trips and falls. Weather forecast, Cloudy with a 30% chance of showers and a high of 23. Inspect wetland habitat SSKP 908+870, wetland ID MB-132, Class 1-2. Inspect wetland habitat SSKP 909+520, wetland ID MB-133, Class 3. Monitor setup of Boring crew at Kick Off. Bone was found while checking top soil boundary adjacent to wetland habitat in a Traditional Land use area (Unique ID TLU-76). Monitor Oak Creek Crossing (Heritage Sensitive area - HER -168). Excavators and bull dozers were used to strip top soil, rock trucks were used to haul soil to temporary location. No signs of any traditional objects during construction. Approach installation at SF 18 and 18A, culvert and geo tech cloth were laid out, dump trucks brought soil to site. Skid steer levelled and packed approach. Crew had appropriate signage and flaggers for construction. Work forecast, continue to monitor Oak Creek crossing, other traditionaland wetland habitat areas.

August 14, 2018 Safety included: watch for wide loads on highways and wildlife. Watch out for slips, trips and falls. Weather forecast, sunny. Line tour with Junior monitors from end of Spread 8 (Manitou) to Glenboro using government road allowances. A badger hole was noted at the access to SF 26 by portable washrooms. Hydro vac foreign utilities taking place at SF 24. Crew had appropriate signage for construction. All trucks were parked on the same side of the road allowance to allow more room for traffic. East side of Oak Creek crossing (SSKP 921 +260) Top soil stripping was taking place. ROW was checked for any signs of Traditional and Heritage objects, none were found. Soil pile boundary line was checked, no soil exceeded the boundary line. Westside of Oak Creek crossing Silt fencing installation was taking place. Excavator had spotter while placing soil near silt fence and crew installed silt fence properly. Work forecast, to discuss plans for the day in the morning.

August 15, 2018 – Safety features included to watch for wide loads on HWY 2. Watch for PME's when onsite. Drive slow on dirt roads to prevent dust up. Weather forecast, sunny, with a high temperature of 30. Arrived at SF7, Oak Creek crossing and monitored bridge placement over Oak Creek crossing. SF19 approach being installed. Culvert and geo-tech laid out. Soil packed by dozers. SF22 wash station and silt fencing was installed. SF20 topsoil stripping, prepping for approach to be built, laying rig mats on matting. SF21 crews hydrovacating in ditch. Work forecast Continue to monitor wetland crossing/habitat and traditional land use areas.

August 16, 2018 - Safety features included to watch for slips, trips, falls, congested sites, wildlife, distracted driving and fatigue. Weather forecast, Weather advisory due to smoky conditions from fires out West. Monitored SF20 top soil stripping and grading. Monitored SF21 East side, machines crossing highway. SF22A crews hydrovacating. SF23 soil stripped on West side. SF24A hydrovacating on the East side. SF26 hydro vac on South side. Work forecast, to monitor wetland habitat and water courses.

August 17, 2018 – Safety feature was watch for wildlife, traffic, extreme heat and slips trips and falls. Weather forecast, smoky and hazy with a high of 32 C Oak creek crossing (KP 921-250) Excavator and dozer worked to build ramp leading up to the bridge. No signs of any traditional or heritage objects within work area. SF21 East of Hwy 5 access, silt fencing being installed. Geotech cloth was placed on top of built approach, gravel was brought in by dump trucks and laid out. all proper signage was in place, goal posts were installed for crossing under powerlines. Excavator stripped edges of boundary line, while dozer piled top soil on westside of ROW. SF 19 access, Excavator piled top soil on the south side of the ROW. Excavator had a spotter. Work forecast, continue to monitor wetlands, traditional land use. If hand slashers are on site at SF 31.

August 18, 2018 – Safety discussion, to stay 2x the length of tree being cut for safe distance. Watch for farm equipment on roads and dust up on dirt roads. Weather forecast, sunny with a high 30. Fine clean with soap and water, tires were bleached at Glenboro Esso. SF 22A Wetland Habitat (KP 942+240) signs need to be moved to be visible. Top soil exceeds boundary line (see photo). Grading ROW taking place. No signs of any traditional or heritage objects on ROW. SF22B Top soil stripping taking place. Excavator had a spotter while stripping the edge of the boundary line. Dozer worked to clear the ROW of topsoil, top soil piles were placed on the south side of the ROW. No signs of traditional or heritage were found. SF31 Hand slashers cutting shrubs and trees (KP 952+400). Observed all PPE required for use of chain was being worn. Crew moved down the line to cut shrubs and fall trees at a wind row. Work forecast, day off.

### Photos of Sites Visited & Topics Discussed This Week



Aug 13/18  
Photo facing East  
Bone was found at 909+520  
Wetland ID MB-133



Aug 13/18  
Photo facing East  
Construction crew top soil stripping at  
Oak creek crossing



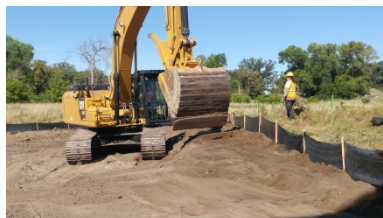
Aug 13/18  
Photo facing North  
Excavator stripping top soil at SF 22



Aug 14/18  
Excavator and dozers top soil stripping  
the east side of Oak Creek crossing



Aug 14/18  
Photo taken facing South West  
Hydro vac crew locating foreign utilities



Aug 14/18  
Excavator placing soil adjacent to silt  
fencing



Aug 15/18  
Bridge being installed at Oak Creek.



Aug 15/18  
Smooth green snake found on RoW



Aug 15/18  
Dozers soil stripping ROW.



Aug 15/18  
Sprangled Top Community plant with water course



Aug 16/18  
Photo facing South East  
SF 7 Oak Creek crossing (921+250)  
Excavator building ramp for bridge crossing



Aug 16/18  
SF 21 access  
Excavator placing soil on to prepped approach





Aug 16/18  
Wash station at SF 22  
Dozer being fine cleaned and bleached



Aug 17/18  
SF 19 access  
Excavator placing moving soil ontop of soil pile



Aug 17/18  
Photo facing South East  
SF 7 Oak Creek crossing (921+250)  
Excavator and dozer building ramp for bridge crossing



Aug 18/18  
SF 30 (KP959+400)  
Hand slashers cutting shrubs and small trees



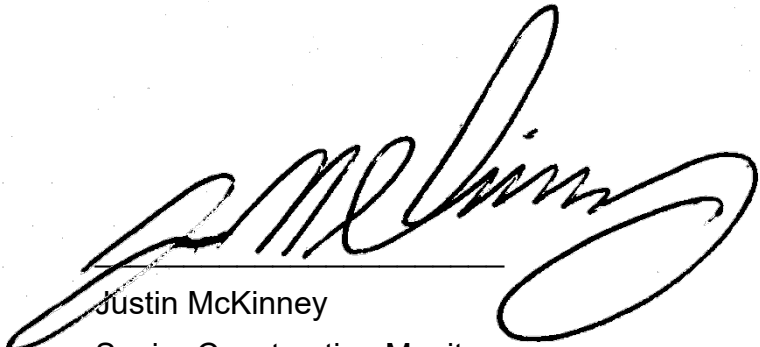
Aug 18/18  
Photo facing East  
SF 22A (KP 942+240)  
Grader grading the ROW



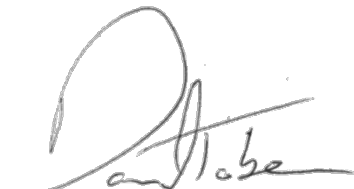
Aug 18/18  
Photo facing West  
SF 22A (KP 942+240)  
Top soil pile exceeding boundary line.



**APPROVALS**

  
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Justin McKinney  
Senior Construction Monitor

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August 23, 2018  
Date

  
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Daniel Tober  
Senior Environmental Scientist

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August 23, 2018  
Date