

Executive Summary:

Keitu staff visited the Brady Wind II Energy project for a construction inspection. Inspection of construction sites to focused on (1) confirming surface disturbance/work occurring within ND PSC approved work corridor and/or route; (2) topsoil segregation occurring; and (3) vegetation removal consistent with Tree and Shrub Mitigation Specifications.

Site/Project Location: Brady Wind II Wind Energy - Stark County **Date of Inspection:** 22 November 2016

Observed Work / Weather Conditions

Visit occurred 9:00 am to 12:00 pm. Partly cloudy, west wind at 10 mph. No precipitation. Temperature 45°F. Nicholas Bullock escorted Keitu's staff during the inspection and answered questions as well as outlined current and future work occurring on the project. Sites east of the transmission line are charged and operating or are waiting for final reclamation to occur. String roads in this area are mostly complete some are awaiting blades to pull topsoil back to the road edge. The crew's plan was to work clockwise on the sites west of the transmission line starting from the turbines around 49 and ending at the turbines around 23. Towers have been constructed but crew was waiting for favorable weather conditions to install blades.

Topsoil Management / Condition / Erosion Control / Storm Water Management

All pads have been cleared and have, at a minimum, the towers constructed on the site. Crews finished topsoil removal for string roads and pads, although minimal topsoil will be cleared for wire splicing work. Blade operators have been working to pull topsoil back to cement treated string roads and completed turbine pads. No deficiencies were noted in these activities. (See report photo #1) On the string road south of turbine 69, operators reshaped the hillside to create a flat string road for safe travel of equipment. Crews constructed low water crossings in areas where the string road crosses a natural drainage pathway. Crews used crushed rock under the string road to allow water to travel freely under the road. (See report photo #3)

Vegetation Condition

No evidence of tree or shrub removal noted.

Depth of Cover / Road Crossings / River Crossings / Riparian Condition at HDD Bore Sites

Electrical crews had been working on splicing wire into the gathering lines. Many of these open trenches had damaged fences or were not fenced off. Crews were informed to fix fences around open trenches and to construct fences where there were none.

Deficiencies

Turbine 24 was built on a steep slope where reshaping was needed. BMPs were not implemented on the open hillsides. Crews were informed to add erosion control BMPs (see report photo #2). Subsoil piled on topsoil from bore location. (See report photo #4) Subsoil piled on topsoil at splices. Missing or damaged orange fencing at open trenches from splicing. (See report photo #5).

Actions Taken/To Be Taken

At splicing locations crew will be careful to pull only subsoil back into open trench and to ensure topsoil and subsoil mixing does not occur. Erosion control to be implemented on the hillside at turbine 24.

Keitu Inspector: RJM, MJF

Reviewed by Project Lead:

Report Submitted: 9 December 2016

Jamie Antognazzi

Report Photo #1 "Pulling Topsoil Back To String Road"



Report Photo #2 "Turbine 24 Future BMP"



Report Photo #3 "Low Water Crossing"



Report Photo #4 "Subsoil on Topsoil at Bore"



Report Photo #5 "Subsoil on Topsoil, Fence Down at Splicing Trench"



Project Map Site Location:

Epping, ND

