

Site/Project Location: Oliver Wind III Farm/Morton Oliver Counties **Date of Inspection:** 18 August 2016

Keitu staff visited multiple locations at the Oliver Wind III Farm site to complete construction inspections. Inspection of construction sites to focus on (1) confirming surface disturbance/work occurring within ND PSC-approved work corridor and/or route; (2) topsoil segregation occurring; (3) vegetation removal consistent with tree & scrub mitigation plan.

Observed Work / Weather Conditions

Visit occurred between 10:00 am to 11:30 am. The weather was overcast with a temperature of 70°F, winds at 10-15 mph from the southwest, and no precipitation.

Construction on the Oliver Wind III project is now fully underway. All access roads to turbines have been stripped of topsoil and covered with gravel. Most turbine sites have been stripped of topsoil and are in various stages of being leveled and/or excavated for turbine base construction. Graders are working on grading roads to prepare for cement treatment and grading pads. Gravel trucks are putting gravel on tight turns to increase turning radius for large equipment and water tankers have been deployed to minimize the dust kicked up by this equipment.

Top Soil Management / Construction Condition / Erosion Control / Stormwater Management

Topsoil from subsoil segregation appears adequate. Site operators stated they have been instructed to strip soil from sites until they see a change in the soil color. They state they have been removing around 6 inches of topsoil before seeing subsoil in most locations but have reached subsoil as shallow as 2 inches or as deep as 36 inches. Ground water has been encountered at some of these sites at depths greater than 2 feet. The effects of this water on excavation and construction are being mitigated appropriately. The construction crew is doing an adequate job of separating topsoil and keeping soil layers separate during construction. Erosion control has been implemented in disturbance areas and heavy slopes. Silt fences are installed correctly and being inspected and maintained.

Vegetation Condition

No evidence of tree or shrub removal noted.

Deficiencies

No deficiencies noted.

Actions Taken/To Be Taken

None expected.

Keitu Inspector: SLJ

Inspection Report Submitted: 29 August 2016

116 PU-16-123 Filed 08/29/2016 Pages: 3
Site inspection trip report - Construction Inspection Report August 16, 2016
Keitu Engineers & Consultants, Inc.

Report Photo #1 "Lighter Subsoil Visible After Scraper Pass"
(Coordinates: 46.945262, -101.18663)



Report Photo #2 "Ground Water Encountered While Excavating on Turbine Pad"
(Coordinates: 46.961692, -101.232544)



Report Photo #3 “Subsoil is Piled Separate (left center) from Top Soil (stored around perimeter of site)”
(Coordinates: 46.967605, -101.242654)



Site Location: “Oliver Wind III Farm”

