



May 10, 2018

Jerry Lein  
North Dakota Public Service Commission  
600 East Boulevard Avenue, Dept. 408  
Bismarck, ND 58505-0480

Dear Mr. Lein:

Carlson McCain, Inc. (CMI) conducted a topsoil removal inspection at the Meadowlark Wind I LLC Project Case No. PU-11-69) on May 3, 2016, on behalf of the North Dakota Public Service Commission. CMI Inspector Todd Hartleben met with Chuck Dursma, Blatner (Blatner) Energy Superintendent, at the lay down yard to witness topsoil removal. May 3 was the first day of construction and topsoil removal. Mr. Dursma and Mr. Hartleben discussed the proposed layout of the yard and concrete batch plant. Topsoil thickness and removal procedures were also discussed. Inspection notes and photos taken at the lay down yard are attached to this letter.

#### Field Review

Weather conditions at the time of the field visit were sunny, 50 degrees, with 10 mph north-northwest winds. The lay down yard is located in a cultivated field in the SE ¼ of Section 28 T151N R80W. Blatner started stripping topsoil of the laydown yard using a bulldozer and scraper and placing soil in two locations. The topsoil stockpiles are located in the southeast corner of the laydown yard and along the northern side. Topsoil was approximately 10" – 12" thick in low lying and level areas. Topsoil was approximately 6" – 8" deep on the hilltops. There is a distinct color change between topsoil and subsoil, turning from black to a dark brown clay.

Silt fence was being placed along the perimeter of a wetland located on the northeast side of the lay down yard. Silt fence should also be place on the downhill side of the topsoil stock piles.

Please contact me at 701-595-7001 if you have any questions or comments.

Respectfully submitted,

  
Todd Hartleben  
Senior Engineer

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Topsoil removal inspection report  
Carlson McCain, Inc.  
Todd Hartleben, Senior Engineer



Figure 1. Photo taken facing northeast from the south end of the lay down yard prior to topsoil stripping.



Figure 2. Photo taken facing south from the middle of the lay down yard prior to topsoil stripping.



Figure 3. Topsoil stripping near southeast corner of laydown yard, looking northwest.



Figure 4. There is a distinct color change between topsoil and subsoil. Subsoil is easily distinguished by dark brown, clay soils.



Figure 5. Photo showing depth of topsoil stripping. Topsoil is approximately 10" – 12" in low lying and level areas.



Figure 6. Photo taken looking north along west side of lay down yard.



Figure 7. Installing silt fence along perimeter of wetland.

Project

Project No.



Signature

Date

Lino Lakes, MN  
763-489-7900

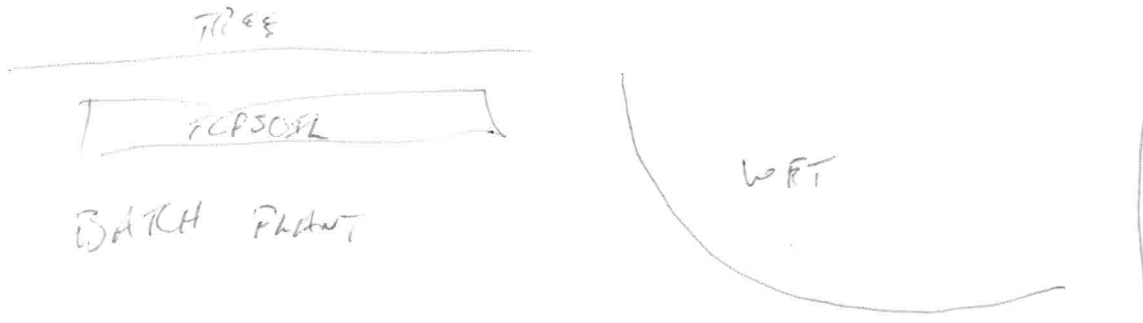
Maple Plain, MN  
952-346-3900

Bismarck, ND  
701-255-1475

Wafford City, ND  
701-202-5147

Project

Project No.



CHUDC  
TONY

APPROX 10 ACRES  
TOPSOIL 10-12 INCHES ON LEVEL + SWALES  
6-8 ON HILLSIDES

DISTINCT <sup>COLOR</sup> CHANGE FROM BLACK TO DARK BROWN CLAY

INSTALLING SILT FENCE

Signature

Date

Lino Lakes, MN  
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Maple Plain, MN  
952-346-3900

Bismarck, ND  
701-255-1475

Watford City, ND  
701-202-5147