

Memorandum



Date: September 19, 2018

To: Jennifer Dean, Tradewind Energy, Inc.

From: Justin Bailey, Burns & McDonnell

Subject: Aurora Wind Project Wetland Delineation Summary

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) was retained by Aurora Wind Project, LLC (Aurora Wind) to provide wetland delineation services for the proposed Aurora Wind Project (Project) in Mountrail and Williams Counties, North Dakota

Aurora plans to construct a new 300-megawatt wind farm and associated overhead transmission line in Mountrail and Williams Counties, North Dakota. The proposed Project would include construction of up to 121 wind turbines, associated access roads and underground collection lines, other appurtenant facilities, an approximately 20-mile-long overhead transmission line, and one substation. The Project is located approximately 2 miles north of Tioga, ND.

A wetland delineation was completed July 19 through 26, 2018, in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual (1987 Manual) and the 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region – Version 2.0 (Regional Supplement). Locations of identified features were surveyed using a sub-meter accurate global positioning system (GPS) unit. Natural color photographs taken onsite and wetland dataforms from the Regional Supplement were completed. The full wetland delineation report will be provided at a later date. The delineation was conducted based on the proposed Project layout plus a buffer area to allow for small Project design modifications (Survey Corridor). The Survey Corridor included in the wetland delineation totaled approximately 4,540 acres.

Within the Project Area for the wind facility, a total of 131 wetlands, comprised of 3 wetland types (PEM, PUB, and PAB) and encompassing a total of 51.64 acres, were identified. A total of 6 streams, consisting of two stream types (intermittent and ephemeral) and equaling 2,954 linear feet, were also identified.

Burns & McDonnell is working with Aurora to avoid and minimize impacts to wetlands and other waters of the U.S. to the greatest extent practicable. If all impacts cannot completely be avoided, Project construction will comply with the Section 404 permitting process regulated by the U.S. Army Corps of Engineers, Omaha District.

JEB