



October 7, 2015

**Lindah Wind Project, LLC  
Class III Cultural Resource Inventory Technical Memorandum  
Case No. PU-15-482  
Exhibit 14**

KLJ conducted Class I, II and III Cultural Resource Inventories for the Lindahl Wind Farm for Lindahl Wind Project, LLC (Lindah Wind) in Williams County, North Dakota. This Technical Memorandum - Cultural Resource Investigation provides a discussion of the Class III cultural resource inventory. A formal report documenting the Class I and Class III Cultural Resource Inventories will be completed and submitted to the State Historical Society of North Dakota (SHSND) once complete. A separate Class II Architectural History Report has been completed, which documents the results of the Class II survey work.

As discussed in the Technical Memorandum, seven isolated finds, one historic site lead, six historic-era sites, and seven prehistoric sites were documented during the Class III inventory. The isolated finds and historic-era sites are recommended *Not Eligible* for the National Register of Historic Places (NRHP). The site lead and prehistoric sites are *unevaluated* for the NRHP. These recommendations are based upon the data collected and reviewed by KLJ. However, the North Dakota Cultural Resource Survey (NDCRS) forms were submitted on October 4, 2015, and due to the short timeframe, the SHSND has not yet responded with comments or determinations of eligibility.

Lindah Wind relocated portions of collector lines, access routes, and turbine locations to avoid the unevaluated cultural resources. These relocations were also inventoried at the Class III level. As a result of the adjustments, *No Significant Cultural Resources* will be impacted by the Project.



### **Area of Potential Effect**

For discussion purposes, area of potential effect (APE) indicates the area inventoried at the Class III level. Project Area indicates the APE and immediate surrounding area. The Project Area consists of a block primarily aligned along legal sections within Williams County, North Dakota, with the APE being fully within the block.

### **Literature Review (Class I)**

The Literature Review was conducted by KLJ on October 30, 2014, with an update of the data in April, 2015. The review consisted of a search of the site records and manuscript files at the SHSND for a one-mile radius surrounding the proposed APE. The locations of previously mapped sites, site leads, and isolated finds, as well as previous cultural resource inventories, were plotted on a USGS 1:24,000 scale quadrangle map.

The literature search revealed that 96 previously recorded cultural resources are located within a one-mile radius of the Project Area. This includes 24 archaeological sites, five archaeological isolated finds, 46 archaeological site leads, six historical sites, four historical isolated finds, two historical site leads, six architectural sites, two architectural/historical sites, and one archaeological/historical site.

Of the 96 cultural resources, 62 are within the Project Area. They include 14 archaeological sites, four archaeological isolated finds, 34 archaeological site leads, two historical sites, two historical isolated finds, one historical site lead, three architectural sites, and two architectural/historical sites. Fourteen of the site leads are listed as possibly extending into the APE; however, no evidence of these were encountered during the Class III fieldwork.

No sites are *listed* on the NRHP, although two have been recommended as *Eligible* for the NRHP (32MN2 and 32WI926).

32MN2 is a prehistoric location situated outside the inventoried area (APE). The site will not be impacted by the Project. 32WI926 is a historic bridge located to the south and west of the Project Area. The site will not be impacted by the Project.

The literature search also indicated that 18 cultural resource inventories have been conducted within the same one-mile radius, with the work having been completed between 1980 and 2013. Of these inventories, 15 cross into the APE.



### **SHSND Consultation**

A meeting was held on December 10, 2014, at the SHSND to discuss procedures for the Class II and III inventories. The meeting was attended by Brice D. Barton, Development Manager for Lindahl Wind, Chief Archaeologist Paul Picha and Review and Compliance Coordinator Susan Quinnell of the SHSND, and Duane Klinner, Ashley Ross and Aaron Barth of KLJ.

For the Class III, it was recommended by SHSND that all of project area needed to be inventoried except areas inventoried within the last 20 years. During fieldwork, however, these areas appeared to be only a few small locations which would have to be crossed during the Class III inventory. As a result, all areas of the APE were inventoried at the Class III level.

Other discussions and agreements were for the development of an Unanticipated Discoveries Plan and Monitoring Plan, and notifying local tribes for input.

### **Tribal Contacts**

Prior to the Class III Inventory, Lindahl Wind contacted the two nearest tribes for input. Letters were mailed on February 2, 2015, to the Tribal Historic Preservation Officers at Three Affiliated Tribes and Turtle Mountain Band of Chippewa. No response was received from either tribe.

### **Class III Inventory**

The Class III inventory was conducted in April, September, and October, 2015. A total of 21 cultural resources were documented during the fieldwork. These resources included seven isolated finds, one historic site lead, six historic-era sites, and seven prehistoric sites (Table 1). The inventoried APE encompassed 2,360 acres. The Class I review also indicated that 14 site leads could possibly be within, or extend into, the APE. No evidence of these locations was encountered. It is likely the site leads lie outside the inventoried APE.

The isolated finds and historic-era sites are recommended *Not Eligible* for the NRHP. The site lead and prehistoric sites are *unevaluated* for the NRHP. These recommendations are based upon the data collected and reviewed by KLJ. However, the NDCRS forms were submitted on October 4, 2015, and due to the short timeframe, the SHSND has not yet responded with comments or determinations of eligibility.



Table 1: Cultural Resources Documented within the APE

Field #	Cultural Resource Type	Recommendation
AJR1	Isolated Find – Historic-Era	No Avoidance Recommended
AJR2	Site – Historic-Era Dump	No Avoidance Recommended
AJR3	<b>Site – Prehistoric Stone Feature</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
AJR4	<b>Site – Prehistoric Cultural Material Scatter</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
AJR5	Site – Historic-Era Cultural Material Scatter	No Avoidance Recommended
AJR6	Isolated Find – Historic-Era	No Avoidance Recommended
AJR7	<b>Site – Prehistoric Stone Features</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
AJR9	Site – Historic-Era Cultural Material Scatter	No Avoidance Recommended
JKA1	Isolated Find – Historic-Era	No Avoidance Recommended
JKA2	Site – Historic-Era Cultural Material Scatter	No Avoidance Recommended
MHH1	Isolated Find – Prehistoric	No Avoidance Recommended
MHH2	<b>Site – Prehistoric Stone Features</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
MHH3	<b>Site – Prehistoric Stone Feature</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
MHH4	Site – Historic-Era Farmstead	No Avoidance Recommended
MHH5	Isolated Find – Prehistoric	No Avoidance Recommended
MW1	<b>Site – Prehistoric Stone Feature</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
SL1	Site Lead – Historic Farmstead	No Avoidance Recommended
SMG1	<b>Site – Prehistoric Stone Feature</b>	<b>Unevaluated, Avoidance and 50 Feet Buffer</b>
SMG2	Site – Historic-Era Dump	No Avoidance Recommended
SMG3	Isolated Find – Prehistoric	No Avoidance Recommended
TSD1	Isolated Find – Prehistoric	No Avoidance Recommended

Tradewind has committed to avoiding the unevaluated sites by use of a 50 feet buffer. No ground disturbance shall occur within the buffer zones. The Class III report shall be submitted to the SHSND for approval upon completion of the report.

Sincerely,

KLJ

Grady Wolf  
Environmental Scientist