

May 1, 2019

Jesse Hopkins-Hoel
National Renewable Solutions, LLC
1907 Wayzata Blvd, Suite 220
Wayzata, MN 55391

**Re: Preliminary Cultural Resources Desktop Review for the Expedition Wind Project,
Marion County, Kansas
File R0020630.00**

National Renewable Solutions (Client) contracted Westwood Professional Services, Inc., (Westwood) to conduct a cultural resources desktop review for the proposed Expedition Wind Project (Project) for Westar Energy. Westwood understands that the Expedition Wind Project is proposed to have a nameplate capacity of 200 MW and is to be located in Marion County, Kansas (Exhibit 1). The review provides an inventory of restricted information on previously recorded cultural resources within and one mile around the Project area (Table 1). The one-mile “buffer” was included to ascertain whether any recorded resources adjacent to the project area might be physically or visually impacted by the proposed work, and to better indicate possible site types that may be located within the project area. The complete one-mile buffer is covered entirely by Marion County.

Table 1: Sections with Portions in Project Area or One-Mile Buffer			
Township	Range	Section(s) in Project	Section(s) in Buffer
20S	2E		24-25, 35-36
20S	3E	21-36	13-17, 19-20
20S	4E	26-35	18-25, 36
21S	2E	1, 11-14, 24	2-3, 10, 15, 22-23, 25-26, 36
21S	3E	1-30	31-36
21S	4E	1-22, 29-30	23-24, 27-28, 31-32
21S	5E		6-7, 18

To conduct the desktop review, Westwood Principal Investigator Rigden Glaab accessed the Geographic Information System (GIS) portal for the Kansas Historical Society (KHS), which is hosted by the Data Access and Support Center (DASC) on April 9, 2019. This was done to gather restricted information on previously recorded cultural resources within and one-mile around the Project area (Exhibit 1). Restricted access to this information was granted after Mr. Glaab became permitted through the KHS for GIS access. Rigden Glaab, M.A., RPA, meets the Secretary of Interior’s Professional Qualification Standards for archaeology as stipulated in 36 CFR Part 61 and will serve as Principal Investigator for the project.

A total of 84 sites were identified in the KHS database within the project area and one-mile buffer (see Table 2 attached to this letter). Historic sites consist of three farmsteads, two artifact scatters, and one segment of a road or trail. Prehistoric sites consist of 49 camps, five earth mounds, two isolated finds, five villages, one kill site, three lithic scatters, three lithic workshops, and one rockshelter. Four multiple component sites are also present that contain a mixed assemblage of historic and prehistoric artifacts. In addition, five historic buildings are within the one-mile search buffer that include the Doyle House, Florence Opera House, Florence Water Tower, Harvey House, and the Marion County Poor Farm. These structures are listed on state registries and the National Register of Historic Places (NRHP), however, none of these resources are directly inside the project boundary.

Of the 84 sites identified in the KHS GIS database, 30 are present directly in the project boundary and include three historic sites (e.g., farmsteads and trails/roads), 25 prehistoric sites (e.g., camps, villages, and lithic scatters), and two multiple component sites. The historic road listed in the KHS GIS database was identified on General Land Office (GLO) maps and potentially dates to 1857. This road is labeled "Road from Pike's Peak to Cottonwood Valley," which may have serviced Cottonwood Station, or the Hollenburg Ranch, that was located in Washington County, Kansas. This route may have connected with the Central Overland California and Pike's Peak Route at Cottonwood Station. This road crosses the southeastern portion of the project area.

Approximately, 12 separate previous cultural resource inventories have occurred in the project area. Previous cultural resource inventories were small or limited in scope and did not sufficiently survey the project area for cultural resources. If the current project is deemed a federal undertaking (requires a federal permit, license, or approval; is located on federally owned or managed land; or receives federal financial assistance), the scope of required cultural resource investigations will be determined by the functioning lead federal agency in cooperation with SHPO and pertinent Tribal Historic Preservation Offices (THPO) as defined in Section 106 of the National Historic Preservation Act (NHPA) of 1966 (as amended), and additional investigation would be required. In reference to the preliminary layout provided by Expedition, it is not anticipated that any identified cultural resource sites will be affected by the construction activity of project infrastructure.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES



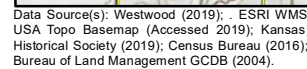
Rigden A. Glaab, M.A., RPA
PRINCIPAL INVESTIGATOR
WESTWOOD PROFESSIONAL SERVICES, INC.

Table 2: Cultural Resources in Project Area and One-Mile Buffer in the Kansas Database					
Site Number	Original Author	Original Date	NRHP Status	Site Type	Project or Buffer
14MN00001	None	1956	None Reported	Prehistoric (Village)	Buffer
14MN00004	Schock, J.	1965	None Reported	Prehistoric (Earth Mound)	Buffer
14MN00007	Fries, H.	1968	None Reported	Prehistoric (Camp)	Buffer
14MN00008	Fries, H.	1968	None Reported	Prehistoric (Camp/Village)	Buffer
14MN00009	Fries, H.	1968	None Reported	Prehistoric (Camp)	Project
14MN00010	Fries, H.	1968	None Reported	Prehistoric (Camp/Village)	Project
14MN00011	Bastian, T.	1968	None Reported	Prehistoric (Earth Mound)	Buffer
14MN00012	Rogers, R.	1984	None Reported	Prehistoric (Camp)	Buffer
14MN00032	Rogers, R.	1984	None Reported	Prehistoric (Camp)	Project
14MN00033	Rogers, R.	1984	None Reported	Prehistoric (Camp)	Buffer
14MN00034	Rogers, R.	1984	None Reported	Prehistoric (Kill Site)	Buffer
14MN00102	Sadler, B.	2007	Not Eligible	Historic (Farmstead)	Project
14MN00103	Sadler, B.	2007	Not Eligible	Historic (Farmstead)	Project
14MN00107	Sadler, B.	2007	Not Eligible	Historic (Artifact Scatter)	Buffer
14MN00108	Sadler, B.	2007	Not Eligible	Multiple Component (Artifact Scatter)	Buffer
14MN00109	Sadler, B.	2007	Phase III Recommended	Historic (Fort/Farmstead)	Buffer
14MN00111	Sadler, B.	2007	Not Eligible	Prehistoric (Isolated Find)	Buffer
14MN00112	Sadler, B.	2007	Potentially Eligible	Historic (Trail/Road)	Project
14MN00114	Lence, C.	2009	Not Eligible	Historic (Artifact Scatter)	Buffer
14MN00116	Lence, C.	2009	Not Eligible	Prehistoric (Isolated Find)	Buffer
14MN00117	Mayo, K.	2010	Not Eligible	Prehistoric (Lithic-Faunal Scatter)	Buffer
14MN00307	Witty, T.	1962	None Reported	Prehistoric (Camp)	Buffer
14MN00308	Witty, T.	1962	None Reported	Prehistoric (Camp)	Project
14MN00309	Witty, T.	1962	None Reported	Prehistoric (Camp)	Buffer

Table 2: Cultural Resources in Project Area and One-Mile Buffer in the Kansas Database					
Site Number	Original Author	Original Date	NRHP Status	Site Type	Project or Buffer
14MN00311	Witty, T.	1965	None Reported	Prehistoric (Earth Mound)	Buffer
14MN00312	Witty, T.	1965	None Reported	Prehistoric (Camp)	Buffer
14MN00313	Witty, T.	1965	None Reported	Prehistoric (Earth Mound)	Buffer
14MN00314	Witty, T.	1965	None Reported	Prehistoric (Earth Mound)	Project
14MN00315	Reynolds, J.	1971	None Reported	Multiple Component (Artifact Scatter)	Buffer
14MN00366	O'brien, P.	1977	None Reported	Prehistoric (Camp)	Buffer
14MN00367	O'brien, P.	1977	None Reported	Prehistoric (Camp)	Buffer
14MN00368	O'brien, P.	1977	None Reported	Prehistoric (Camp)	Buffer
14MN00382	Brogan, W.	1980	None Reported	Prehistoric (Camp)	Buffer
14MN00395	Brogan, W.	1982	None Reported	Prehistoric (Camp)	Project
14MN00396	Brogan, W.	1982	None Reported	Prehistoric (Lithic Scatter)	Project
14MN00402	Stubbs, M.	1983	None Reported	Prehistoric (Camp)	Buffer
14MN00424	Taylor, D.	2002	None Reported	Prehistoric (Camp)	Buffer
14MN00440	Allison, B.	2004	None Reported	Prehistoric (Camp)	Buffer
14MN00443	Thies, R.	2005	Testing Recommended	Prehistoric (Camp)	Buffer
14MN00444	Thies, R.	2005	None Reported	Prehistoric (Camp)	Buffer
14MN00445	Thies, R.	2005	None Reported	Prehistoric (Lithic Scatter)	Buffer
14MN00446	Thies, R.	2005	None Reported	Prehistoric (Camp)	Buffer
14MN00450	Taylor, D.	2006	None Reported	Prehistoric (Camp)	Project
14MN00455	Taylor, D.	2006	None Reported	Prehistoric (Camp)	Project
14MN00456	Taylor, D.	2006	None Reported	Multiple Component (Farmstead, Lithic Scatter, and Kill Site)	Project
14MN00457	Taylor, D.	2006	None Reported	Prehistoric (Lithic Workshop)	Project
14MN00458	Taylor, D.	2006	None Reported	Prehistoric (Camp)	Project

Table 2: Cultural Resources in Project Area and One-Mile Buffer in the Kansas Database					
Site Number	Original Author	Original Date	NRHP Status	Site Type	Project or Buffer
14MN00460	Taylor, D.	2006	None Reported	Multiple Component (Farmstead and Lithic Scatter)	Project
14MN00461	Taylor, D.	2005	None Reported	Prehistoric (Camp and Lithic Workshop)	Buffer
14MN00462	Taylor, D.	2005	None Reported	Prehistoric (Lithic Workshop)	Buffer
14MN00463	Taylor, D.	2006	None Reported	Prehistoric (Camp)	Buffer
14MN00470	Taylor, D.	2007	None Reported	Prehistoric (Camp and Rockshelter)	Project
14MN00471	Taylor, D.	2007	None Reported	Prehistoric (Village)	Buffer
14MN00472	Taylor, D.	2007	None Reported	Prehistoric (Rockshelter)	Project
14MN00473	Taylor, D.	2007	None Reported	Prehistoric (Camp)	Project
14MN00483	Taylor, D.	2008	None Reported	Prehistoric (Camp)	Project
14MN00484	Taylor, D.	2008	None Reported	Prehistoric (Village)	Buffer
14MN00485	Taylor, D.	2008	None Reported	Prehistoric (Camp and Lithic Workshop)	Project
14MN00486	Taylor, D.	2008	None Reported	Prehistoric (Camp)	Project
14MN00487	Taylor, D.	2008	None Reported	Prehistoric (Camp)	Buffer
14MN00488	Taylor, D.	2008	None Reported	Prehistoric (Village)	Project
14MN00489	Taylor, D.	2008	None Reported	Prehistoric (Lithic Workshop)	Project
14MN00491	Taylor, D.	2008	None Reported	Prehistoric (Camp)	Buffer
14MN00492	Taylor, D.	2008	None Reported	Prehistoric (Camp)	Project
14MN00494	Taylor, D.	2009	None Reported	Prehistoric (Camp)	Buffer
14MN00495	Taylor, D.	2009	None Reported	Prehistoric (Camp)	Buffer
14MN01306	Williams, B.	1991	None Reported	Prehistoric (Camp)	Project
14MN01307	Witty, T.	1991	None Reported	Prehistoric (Camp)	Buffer
14MN01314	Thies, R.	1999	None Reported	Prehistoric (Camp)	Buffer
14MN01315	Weston, T.	2001	None Reported	Prehistoric (Camp)	Buffer
14MN01316	Thies, R.	2002	None Reported	Prehistoric (Village)	Project
14MN01317	Thies, R.	2002	None Reported	Prehistoric (Camp)	Project
14MN01340	Hoard, B.	2018	Revisit the site.	Prehistoric (Camp)	Buffer

Table 2: Cultural Resources in Project Area and One-Mile Buffer in the Kansas Database					
Site Number	Original Author	Original Date	NRHP Status	Site Type	Project or Buffer
14MN01401	Taylor, D.	2009	None Reported	Prehistoric (Camp and Lithic Workshop)	Buffer
14MN01404	Taylor, D.	2009	None Reported	Prehistoric (Camp and Lithic Workshop)	Buffer
14MN01405	Taylor, D.	2009	None Reported	Prehistoric (Camp and Lithic Workshop)	Buffer
14MN01406	Taylor, D.	2009	None Reported	Prehistoric (Camp and Lithic Workshop)	Buffer
14MN01410	Taylor, D.	2011	None Reported	Prehistoric (Camp)	Project
14MN01411	Taylor, D.	2013	None Reported	Prehistoric (Camp)	Project
115-0000-0799			Listed	Doyle Place	Buffer
115-1790-008			Listed	Harvey House	Buffer
115-0000-0826			State Listed	Marion County Poor Farm (SR)	Buffer
115179000006			Listed	Florence Opera House	Buffer
115-845			Listed	Florence Water Tower	Buffer



- ## Expedition Wind Project

Marion County, Kansas

Literature Review

Exhibit 1



A horizontal number line with tick marks at 0 and 7,000. The word "Feet" is at the right end. The segment between 0 and 3,500 is shaded black. The segment between 3,500 and 7,000 is white.