

KATE SAMUELSON

Senior Environmental Scientist



Kate is a senior environmental scientist who has experience performing siting/routing studies, preparing NEPA/CEQA documents, and providing Geographic Information System services. She also assists with public involvement activities, wildlife studies, and wetland surveys. While at Burns & McDonnell, Kate has had the opportunity to work on projects in California, Illinois, Indiana, Iowa, Kansas, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, North Carolina, North Dakota, Oklahoma, South Carolina, Virginia, and Wisconsin.

During graduate school, Kate assisted with water quality research focusing on acid mine drainage in southeast Ohio. She studied pipe corrosion rates and tank chlorination issues for her master's practicum research at the Marin Municipal Water District in Corte Madera, California. During her undergraduate studies, Kate participated in a National Science Foundation Research Experience for Undergraduates program at Florida State University that focused on plant physiology.

SPECIALTIES

- ▶ Routing studies
- ▶ NEPA/CEQA
- ▶ GIS
- ▶ Public Involvement

EDUCATION

- ▶ MS, Environmental Science
- ▶ BA, Biology, Environmental Studies

9 YEARS WITH BURNS & MCDONNELL

9 YEARS OF EXPERIENCE

Rosecrans Slowspeed Routes EA | National Guard Bureau

Northeastern Kansas | 2021–Present

NEPA specialist assisting with the Rosecrans Slowspeed Routes environmental assessment in northeastern Kansas. The Project involves the modification/relocation of two military training routes originating at the Rosecrans Air National Guard Base in St. Joseph, Missouri, in order to avoid obstacles created by wind development in the region. Kate is assisting in the preparation of the Environmental Assessment for the Project.

USDA-ARS Research and Development Center EA | USDA-ARS

Davis, California | 2021–2022

NEPA specialist assisting with the USDA-ARS Research and Development Center Project in Davis, California. Kate assisted in the preparation the draft Environmental Assessment and Finding of No Significant Impact (FONSI) for the construction of the Agricultural Research and Development Center Facility. Kate will assist in responding to public comments received on the draft NEPA documents in early 2022.

Heartland Divide II | NextEra Energy

Audubon, Iowa | 2019–2021

Routing specialist who assisted with the routing study for the Heartland Divide II 345-kV Transmission Line Project. Kate identified route alternatives, managed route analysis data, and assisted at the IUB public meeting in early 2020. Kate also assisted with landowner notification letters and the application to the IUB for the transmission line franchise. The Project received IUB approval in Fall 2021. Kate provided landowner easement agreement mapping services as well.



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Nemadji Trail Energy Center Project | South Shore Energy

Superior, Wisconsin | 2017–Present

NEPA and environmental specialist assisting with the Nemadji Trail Energy Center (NTEC) Project in Superior, Wisconsin. Kate assisted in the preparation the NTEC siting study, Engineering Plan, Certificate of Public Convenience and Necessity for the Public Service Commission of Wisconsin (PSCW), and the Certificate of Authority for the PSCW. Kate assisted in the preparation of the Environmental Assessment for the Project in 2020 and is assisting with the preparation of a Supplemental Environmental Assessment in 2022.

Dodge County Wind Project | NextEra Energy

Dodge County, Minnesota | 2017–Present

Routing specialist who assisted with the routing study for the Dodge County Wind Transmission Line Project. Kate assisted with identifying route alternatives and managing route analysis data. Kate also assisted with the application to the Minnesota Public Utilities Board for the transmission line.

Electric Vehicle Charging Stations Categorical Exclusion | NDOT

Omaha, Nebraska | 2019–2020

NEPA specialist and document author for the Categorical Exclusion for the Electric Vehicle Charging Stations Project in Omaha, Nebraska. Kate prepared the Categorical Exclusion under the direction of NDOT staff. The CE was finalized in May 2020.

Morris Solar Array Environmental Assessment | U.S. Department of Agriculture

Morris, Minnesota | 2019–2020

NEPA specialist for the Environmental Assessment for the USDA – ARS Solar Array Project. Kate prepared the EA under the direction of USDA-ARS staff. The EA and FONSI were published in February 2020.

Western Wisconsin Gas Expansion Project

Tomah, Wisconsin | 2019–2020

Environmental specialist for the Western Wisconsin Gas Expansion Project near Tomah, Wisconsin. Kate assisted in the preparation the natural gas pipeline siting study and the Certificate of Authority for the Public Service Commission of Wisconsin.

Le Conte Battery Energy Storage System Draft SEIR | Imperial County

Imperial County, California | 2019

CEQA specialist who assisted with the Le Conte Battery Energy Storage System Project. Kate assisted in the preparation of the draft SEIR.

Morrow Repower Environmental Assessment | Cooperative Energy

Purvis, Mississippi | 2018– 2019

NEPA specialist assisting with the Morrow Repower Project Environmental Assessment. Kate prepared the Environmental Assessment and assisted with the environmental finding documentation.

