

DANIEL WIENS

Education

B.S. Civil Engineering, Kansas State University – 2018

Professional Experience

Mr. Wiens is a project engineer with experience in the civil and environmental engineering fields. His project experience includes landfill design and permitting, environmental monitoring, landfill construction, agriculture biogas capture design and many other facets of environmental compliance.



General Civil Engineering

Kansas Department of Health and Environment Surface Mine Reclamation: Mr. Wiens collaborated with the Project Manager to design remedial systems to abate current hazards associated with abandoned surface mines. He created design drawing sets, technical specifications, and aided in estimating costs associated with the project.

Environmental

Sampling Analysis Plans - Kansas Department of Health and Environment: Mr. Wiens compiled groundwater sampling and analysis plans for various KDHE Bureau of Environmental Remediation identified sites.

Potentiometric Surface Maps – Various Clients in Missouri, Kansas, and Iowa: Mr. Wiens used groundwater elevation measurements to create a potentiometric surface map showing the groundwater elevations throughout the various facilities and surroundings. Facility types have included landfills, transfer stations, hauling facilities, and recycling facilities.

Electricity Generating Power Plants - Evergy Various Facilities, Kansas and Missouri: Mr. Wiens is a project engineer for the on-going activities for various Evergy electricity generating power plants located in Kansas and Missouri. His project experience has included potentiometric surface maps, coal combustion residuals (CCR) drawings and reporting, and additional project support for the facilities.

CCR Impoundment Closure - City of Ames Municipal Electric System: Mr. Wiens collaborated with the Project Manager to help design a closure system for existing CCR impoundments. Mr. Wiens assisted in the creation of design drawings, technical specifications, and helped to estimate costs associated with the project.

SWPPP and SPCC Plans - Salina Municipal Solid Waste Landfill, Salina, Kansas: Mr. Wiens collaborated with the Project Manager to put together both a Storm Water Pollution Prevention Plan (SWPPP) and a Spill Prevention, Control, and Countermeasure Plan (SPCC) for the landfill.

Solid Waste

Barton County Sanitary Landfill, Great Bend, Kansas: Mr. Wiens collaborated with the Project Manager to prepare cell construction design documents for the Barton County Sanitary Landfill. Mr. Wiens also worked with the CQA Field Technician to verify that the cell was constructed per the design.

Springfield Sanitary Landfill, City of Springfield, Missouri: Mr. Wiens is a project engineer for the on-going activities at the Springfield Sanitary Landfill. Mr. Wiens works closely with the Project Manager to complete the work and provide support for the facility. Projects he has been involved in include:

- Annual and quarterly volume calculations and life estimates
- Leachate forcemain cleaning
- Borrow area grading and soil quantities
- Improvement of leachate control systems

Salina Municipal Solid Waste Landfill, Salina, Kansas: Mr. Wiens served as a field engineer for the construction of a new landfill cell at the Salina Municipal Solid Waste Landfill. This included overseeing the construction of an alternative bottom liner system that included several types of geosynthetics, a compacted clay layer, and various leachate control components.

Southeast Landfill, Kansas City, Missouri – Republic Services, Inc.: Mr. Wiens served as a field engineer for the sampling of leachate for the Southeast Landfill. In addition, Mr. Wiens provided assistance on the reporting of analytical laboratory data to the City of Kansas City, Missouri.

Sedalia Landfill, Denver, Colorado – Waste Connections: Mr. Wiens collaborated with the Project Manager to create a 10 year Phasing Plan for the Sedalia Landfill. This included design drawings that illustrated the grading of future cells and calculation of their capacities.

CCR

Jeffery Energy Center, St. Marys, Kansas: Mr. Wiens has collaborated on a variety of projects at the Jeffery Energy Center. Including the partial closure of the CCR landfill and the construction of contact and leachate water holding ponds. Mr. Wiens provided construction quality assurance and design assistance.

Agriculture Renewable Gas Capture

Seaboard Energy and Seaboard Foods: Mr. Wiens has assisted with the design and construction of multiple anaerobic digester lagoons for swine facilities, including floating covers and biogas dehydration and compression with eventual RNG pipeline injection.