

PAUL MIGWI

Education

B.S. Civil Engineering, Kansas State University – 2017

A.A. Construction Technology – Community College of the Air Force - 2014

Professional Experience

Paul is a project engineer with experience in the civil and environmental engineering fields. His project experience includes landfill design, permitting and construction, landfill operations and compliance, storm water management, volume analysis, and construction quality assurance.

Project experience includes:

Compliance

Energy, Inc., Kansas and Missouri. Mr. Migwi conducted Coal Combustion Residuals (CCR) Rule annual inspections of three surface impoundments and four landfills and prepared corresponding reports.

Spill Prevention Control and Countermeasures (SPCC) plans. Mr. Migwi conducted facility inspections and prepared SPCC plans designed to bring the facilities into compliance with the Oil Pollution Prevention Act (40 CFR 112) and all amendments to the Act. Facilities include:

- Exam One, A Quest Diagnostics Company, Lenexa, Kansas.
- Fire Stations Fuel Distribution Stations, City of Kansas City, Missouri.
- Franklin County Construction & Demolition Landfill, Ottawa, Kansas.
- Seaboard Energy Missouri Biodiesel Plant, St. Joseph, Missouri.

Storm Water Pollution Prevention Plans (SWPPPs). Mr. Migwi conducted site inspections and prepared Storm Water Pollution Prevention Plans to help preserve and improve water quality of storm water discharges in accordance with applicable federal, state, and local regulations. Sites include:

- Bradken®, Atchison, Kansas.
- Franklin County Construction & Demolition Landfill, Ottawa, Kansas.
- Seaboard Energy Missouri Biodiesel Plant, St. Joseph, Missouri.

Solid Waste

City of Salina Municipal Solid Waste Landfill, Salina, Kansas. Mr. Migwi collaborated with the Project Manager on landfill cell design to include an alternative bottom liner design, permit modification, construction documents, and haul road realignment.

Closure of Inactive NABORS Landfill, Arkansas Department of Environmental Quality; Mountain Home, Arkansas. Mr. Migwi assisted in the design of a ClosureTurf® final cover system for the closure of the

inactive NABORS landfill in north central Arkansas. Mr. Migwi also served as a Construction Quality Assurance (CQA) consultant for the construction of the final cover system.

Noble Hill Sanitary Landfill, Springfield, Missouri. Mr. Migwi collaborated with the Project Manager, Client, and other firms, to provide engineering services and support to the facility. Projects and services involvement include:

- Served as part of a team selected for the design and permitting of a 42-acre horizontal and vertical expansion. Mr. Migwi's contributions included landfill bottom liner design, final cover design, pump system design, and storm water management design.
- Served as part of a team selected for the design, permitting and construction of a new landfill entrance facility. The project consisted of a new landfill entrance gate, new fencing, new entrance roadways, a new scale house building, new truck weigh scales, a new small load drop-off facility, repair and overlay of an existing asphalt road, storm water management, and operations planning.
- Landfill cell design, permitting, and construction.
- Landfill phasing.
- Landfill quarterly volume calculations and life estimates.

Resource Recovery Landfill, Cherryvale, Kansas. Mr. Migwi collaborated with the Project Manager in the design to address a soil slide that occurred in the final cover system. The design consisted of repairing the damaged sections of the final cover system and constructing a riprap berm at the toe of the slope to enhance storm water discharge from the geocomposite drainage layer. The design also involved a transmissivity analysis to confirm that the in-place geocomposite drainage layer was adequate.

Struckhoff Sanitary Landfill, Washington, Missouri: Mr. Migwi collaborated with the Project Manager on landfill cell design and a permit modification that included the design of a ClosureTurf® final cover system, and storm water management.