

KOKIL BANSAL, EI

Education

MS – Environmental Engineering, University of Florida, 2016

BE – Chemical Engineering, RV College of Engineering, 2014

Professional Licenses

Engineer-In-Training – Florida



Professional Affiliations

American Water Works Association

Air and Waste Management Association

Professional Experience

Kokil Bansal has experience working on a wide variety of environmental engineering, gas monitoring, remediation, and mercury compliance projects. Her experience includes construction oversight, groundwater and landfill gas monitoring, stack testing and client relations.

Ms. Bansal has closely worked with client groups in site development, utility sector and cement plants.

Countyline Corporate Park, Miami, Florida. Staff Professional.

The project scope includes redevelopment of a 500-acre former Construction and Demolition (C&D) landfill into an industrial and commercial park. The project requires remediation of ammonia-impacted groundwater, and management of methane gas generated at the site. Ms. Bansal works as an assistant project manager for multiple projects at Countyline.

Key Roles:

- Prepared No Further Action with Conditions (NFAC) closure documents including certification of gas barrier installation, methane gas management plan and engineering control plan for individual buildings at the site
- Prepared technical reports including injection system monthly operating reports, storm water Class V Monitoring reports, and Remedial action plan
- Post-implementation of Phase I remediation, managed the routine water quality reporting (annual, semi-annual, quarterly), and landfill gas monitoring and reporting
- Involved in proposal preparation, client and regulatory interaction, project coordination, and scheduling using MS Project
- Oversaw operation and maintenance activities of the remediation system
- Conducted soil and groundwater sampling, and well installation oversight
- Conducted CQA for the methane gas management system

SoleMia, North Miami, Florida. Project Engineer.

The project scope includes redevelopment of a 200-acre former Class I landfill. Ms. Bansal assisted in landfill gas monitoring and redevelopment oversight.

Key Roles:

- Managed routine operating reports (monthly, quarterly, annual and bi-annual) for the remediation system
- Conducted Landfill gas monitoring and documented results
- Validated laboratory data, reviewed field logs and analyzed extensive analytical data using MS excel

Active Electrical Substations, Florida Power & Light, Miami-Dade County, Florida. Project Engineer.

Conducted groundwater monitoring at multiple FPL active substations throughout Miami-Dade County with arsenic contamination due to historical herbicide applications

Carbonxt, Inc., Gainesville, Florida. Applications Engineer.

Key Roles:

- Prepared and presented technical reports summarizing the impact of activated carbon on mercury in the flue gas to the client
- Procured and analyzed raw materials from vendors in Georgia, Florida and South Carolina, and presented results to the internal team for approval

Carbonxt, Inc., Gainesville, Florida. Solutions Developer.

Key Roles:

- Conducted laboratory tests per ASTM procedures for analysis of mercury in sorbent traps, fly ash, bottom ash, and industrial wastewater
- Conducted research on selenium and mercury removal from scrubber water using activated carbons

Academic Experience**University of Florida, Gainesville, Florida.** Graduate Research and Teaching Assistant.

Key Roles:

- Conducted research devoted to trace level aqueous mercury removal using activated carbon
- Mentored six undergraduate students and one international intern for projects, scholarships and conferences
- As a teaching assistant for the water and wastewater treatment class, collaborated with the professor on curriculum and exams for effective learning of 115 students