

LINDSEY M. HAWKSWORTH

Education

B.S., Geology, Illinois State University - Normal, 2015



Specialty Certifications

40-Hour OSHA HAZWOPER Training

10-Hour OSHA Construction Industry Outreach

Certified Groundwater Sampler – The Nielson Environmental Field School

40-Hour Wetland Delineations Training – Wetland Training Institute

Professional Experience

Ms. Hawksworth is an experienced geologist. She has diverse experience in management of field services staff performing environmental sampling, groundwater program management, and permitting for Illinois solid waste landfills (closed and active). Various field sampling activities include groundwater, wastewater, and drinking water at solid waste landfills, coal combustion residue (CCR) sites, and industries. Additional field work includes slug testing, well development, well installation, and abandonments. Lindsey has extensive experience with client connections and consults in regard to their field services needs and sample quality.

Solid Waste – Groundwater

Illinois, Peoria Disposal Company. Performed routine groundwater monitoring and field documentation at the Clinton Landfill 3, Indian Creek Landfill 2, Hickory Ridge Landfill active sites, Clinton Landfill 1 and 2 (closed landfills), PDC1 (closed RCRA site), and Peoria City County Landfill 3 (still in development). Performed groundwater sampling with the use of various field equipment such as a multimeter used for the collection of field parameters (InSitu SmarTroll, AquaTroll 600, YSI, Horiba), bladder and electric pumps (both dedicated and portable), QED MP50 and MP10 compressors, water level indicator tapes, bailers, watterra, and peristaltic pump. Performed low flow sampling under the USEPA guidance and in conjunction with Facility permits.

Acted as project manager for the Indian Creek Landfill 2 site handling the groundwater and leachate sampling, monitoring, data analysis, and statistics via the Sanitas program. Submitted routine reports on sampling results and flow reports, in addition to permit applications and alternate source demonstrations, all of which were submitted to Illinois EPA Bureau of Land.

Performed slug testing on groundwater wells to determine the hydraulic conductivity of the aquifer utilizing InSitu LevelTroll field equipment and Aqtesolve program.

Assisted with groundwater well installations, abandonments, and documentation working with licensed well drillers, project geologists, and local health officials at the Clinton Landfill 3, Indian Creek Landfill 2, Hickory Ridge Landfill, Peoria City County Landfill 3, and PDC1. Logged core samples of 5 to 10-foot samples following the Unified Soil Classification System (USCS) and USD Soil Textures.

Performed well maintenance such as interior groundwater well inspection by camera, groundwater well development with a development pump, and groundwater well repairs at the various sites.

Illinois, Multiple Sites. Performed routine groundwater monitoring, data analysis, and statistics via the Sanitas program at the LeRoy and Monmouth Municipal Landfills.

Ft. Madison, Iowa, City of Ft. Madison and Rodeo Park. Performed routine semiannual groundwater monitoring, and review of data analysis and statistics for semiannual groundwater reporting periods.

Landfill Management

Illinois, Iowa, Multiple Sites. Performed routine quarterly landfill inspections observing outer-well conditions, ensuring good integrity of final cover such as no signs of deep-rooted vegetation, dead or stressed vegetations caused by ponding and/or release of landfill gas and leachate pop-outs at the Monmouth and LeRoy Municipal Landfills (Illinois), and monthly to semiannual inspections at the City of Ft. Madison and Rodeo Park site (Iowa).

Air Monitoring

Illinois, Iowa, Multiple Sites. Performed routine ambient air and gas (methane) field monitoring and documentation with a GEM 5000 per Facility permits for semiannual and annual reporting for the City of Ft. Madison and Rodeo Park Landfill. Weekly routine monitoring of O₂, H₂S and LEL-CH₄ with a Ventis MX4 multi gas monitor.

Wastewater

Illinois, Multiple Sites. Performed wastewater sampling at various types of industries within Illinois and the St. Louis Metropolitan area. Utilized a 24-hour compositor (ISCO, Cigma) to collect a composite sample at permitted sample points. Worked with wastewater permits.

Storm Water

Illinois, Multiple Sites. Completed NPDES permits and submitted NetDMR reports for Peoria Disposal Company-owned landfills monthly. Reviewed routine monthly, quarterly, and semiannual storm water sample results to ensure they are within Facility background standards and the Clean Water Act (CWA) standards.

General Environmental Services

Illinois, Multiple Sites. Performed Phase 1 Environmental Site Assessments for the approval of sales or loans. Handled the field services reconnaissance, gathering background information of the study area and compiling the final report for submittal under the supervision of a Professional Engineer (PE).