

---

## GARY L. SAYLOR, P.E., L.S.

### Education

B.S. - Civil Engineering University of Kentucky, 1978  
M.B.A. - Northern Kentucky University, 1993

### Professional Registrations

Professional Engineer -- Ohio  
Professional Engineer -- Kentucky  
Licensed Land Surveyor -- Kentucky

### Training and Certifications

OSHA 40-Hour Health and Safety and 8-Hour Supervisor's Training (Hazwoper)  
Texas A&M 40-Hour Hazardous Materials Control and Emergency Response Course  
ASCE Municipal Landfills and Groundwater Quality Course  
Land Surveyor Continuing Education (8 hours per year since 1992)  
IECA Erosion and Sediment Control Seminars

### Memberships

American Society of Civil Engineers (ASCE)

### Professional Experience

Mr. Saylor has been active in the field of environmental and construction engineering since 1978. His experience includes public sector, private sector, and consulting, resulting in a broad understanding of all facets of engineering issues. Since 1984 Mr. Saylor has been involved in the landfill engineering field. Recent project experience includes:

#### Landfill Gas and Clean Air Act

Project Manager for preparing reports required by a Title V operating permit for a landfill in southwest Ohio. Reports include quarterly, semi-annual and annual deviation reports, Annual Employee Certification, and NSPS Annual Reports. Also responsible for preparing a modification to the Title V permit and preparing an air Permit to Install (PTI) application for a landfill expansion.

Project Manager on a Clean Air Act (CAA) compliance evaluation for a landfill site in Kentucky. Work involved reviewing the site's files for required NSPS submittals, Title V permit submittals, and other CAA requirements. Also performed an audit of the site's air files in Frankfort at the Kentucky Division of Air Quality's office.

Project Manager for landfill gas investigations at various landfills in Kentucky and Ohio for the purpose of determining the feasibility of a landfill gas to energy project. Work included

landfill gas modeling, review of landfill gas collection system alternatives, and a cost analysis.

Managed and performed other landfill gas due diligence investigations and annual reports for landfill gas to energy projects in various states including Ohio, Michigan, Illinois, Minnesota, Pennsylvania, New York, New Jersey, Arizona, and Virginia. Investigations generally include landfill gas modeling, a review of the site's landfill gas collection system, a detailed review of the gas to energy facility, and a review of the project's future revenues and operating expenses.

Project Manager for a landfill gas due diligence investigation for a single client with 22 landfill gas utilization projects located throughout the U.S. Work included landfill gas modeling, review of site operations and permits, review of project financials, and preparation of a comprehensive report of the investigation.

Project Manager and designer for a landfill gas migration control project at a city-owned landfill in Michigan. Responsible for design, specification, and implementation of gas control measures.

### **Landfill Engineering**

Performed environmental compliance audits at landfills in Michigan, Missouri, Kentucky, West Virginia, and Mississippi. Work included a compliance review for all permit conditions and applicable solid waste regulations. Reviewed site-operating files for compliance with state and internal waste management requirements.

Project Manager for the groundwater, surface water, leachate and landfill gas monitoring and reporting project for nine privately owned landfills located in the State of Ohio. Included in the scope of the project is the collection of all required water and gas samples, coordination with the analytical laboratory, receipt and evaluation of lab results from samples submitted, statistical evaluations, and preparation of reports to various state and local regulatory agencies.

Project Manager for a RCRA Corrective Measures Implementation (CMI) Order in Ohio. Mr. Saylor negotiated the terms of the order and approval of work plans, design documents, and the long-term Operations and Maintenance Manual. He was responsible for oversight of a \$4-million remedial construction project that included a slurry wall and groundwater recovery system. Mr. Saylor successfully completed the project in accordance with the compliance schedule and achieved significant cost savings through reduced future maintenance requirements and lower financial assurance.

Project Manager for two RCRA Facility Investigations/Corrective Measures Study (RFI/CMS) Consent Orders, one each with U.S. EPA Regions V and VII. He negotiated approval of a Corrective Measures Study for both Orders that resulted in minimal future corrective action costs while maintaining full compliance with Order performance standards. Mr. Saylor achieved a 50 percent reduction in future monitoring costs.

Closed Site Program Manager responsible for implementation and reporting of all post-closure requirements at several closed MSW landfills in Ohio and surrounding states. Mr. Saylor managed a staff of up to ten and was responsible for operation and maintenance of leachate collection and treatment systems, landfill gas extraction systems, groundwater monitoring, surface water control, and cap maintenance activities. He implemented various long-term cost savings programs through partnering with regulators and innovative approaches to landfill post-closure management.

Project Manager for various groundwater assessment and investigation projects in Ohio (Fairfield, Zanesville, and Marietta) and Missouri (St. Louis and Kansas City). He presented findings in Ohio to the local community by hosting public meetings held for each site. Mr. Saylor negotiated approval of assessment plan reports with the regulatory agencies and implemented corrective action studies.

Project Manager for various landfill leachate and surface water corrective action projects, including seepage control and enhanced leachate collection and treatment methodologies. He developed and implemented a stormwater pollution prevention plan (SWPPP) for a closed landfill site in Knoxville, Tennessee, as part of the submission of a stormwater NPDES permit application.

Site Environmental Engineer at a regulated treatment, storage, and disposal facility (TSDF) responsible for RCRA, TSCA, and state environmental permitting activities for air, water, PCBs, and solid waste on assigned engineering projects. Mr. Saylor authored and/or reviewed numerous reports submitted to federal and state regulatory agencies. He managed a project to implement RCRA air emission controls on leachate systems to comply with Subpart CC requirements.

Project Manager and Certifying Engineer for the development of SPCC plans at various landfills and other waste management facilities in Ohio.

Project Engineer for several solid waste landfill projects in Kentucky. Mr. Saylor performed feasibility analyses, cost comparisons, and economic analyses for various waste management options. He prepared bid documents, technical specifications and construction drawings for planned landfill cell construction projects.

Project Manager for the construction engineering, start-up, and testing services for the landfill gas abatement system (LGAS) at a Superfund site in Dayton, Ohio. Mr. Saylor was responsible for preparation of the LGAS Completion Report, emission testing of the enclosed ground flare, and regulatory compliance and reporting. He is also the Project Manager for the operation and maintenance of LGAS at this site. Duties include the oversight of weekly gas monitoring requirements, reporting results to U.S. EPA on-site coordinator, maintaining gas migration, and reacting to compliance exceedences to keep gas system in full compliance at all perimeter monitoring probe locations.

Project Manager for various landfill gas due diligence projects for landfill gas to energy projects in various states including Ohio, Michigan, Illinois, Minnesota, Pennsylvania, New

York, New Jersey, Arizona, and Virginia. Due diligence investigations generally include landfill gas modeling, a review of the site's landfill gas collection system, a detail review of the gas to energy plant, and a review of the project's future revenues and operating expenses.

Project Manager for various landfill gas investigations and construction projects in Ohio, Missouri, and Tennessee. Mr. Saylor was responsible for the implementation of gas contingency plans and installation of corrective measures to control gas migration.

### **Groundwater Data Validation**

Project Manager for the validation of groundwater monitoring data for a RCRA Corrective Measures Implementation (CMI) project in Ohio. Data validation is being performed to meet the requirements of U.S. EPA Region 5 and the site's approved Quality Assurance Project Plan (QAPP)

### **Construction Engineering**

Project Manager for a large commercial chemical and hazardous waste treatment, storage, and disposal facility. His primary responsibilities included supervision, administration, cost monitoring, and management of major capital improvement projects. These projects included the design and construction of secure hazardous waste landfills, landfill closures, wastewater treatment systems, surface water management facilities, and RCRA (Subpart J) tank systems.

Project Manager for the inspection and certification of an existing landfill liner at a solid waste facility in western Kentucky. Project involved the excavation of waste from the liner, inspection of the liner for damage, placement of a select waste protective layer over the liner, and documenting the inspection of the liner and protective layer placement in construction certification reports to the Kentucky Division of Solid Waste Management.

Senior Cost Engineer during the construction of the William H. Zimmer Nuclear Power Station in Moscow, Ohio. Mr. Saylor was responsible for cost estimates for engineering design changes and for review of all design document and specification changes. He developed a cost history of plant improvements and modifications. Other duties included developing data for computer cost estimating, scheduling, and writing procedure documentation.

Assistant Resident Engineer for highway construction projects in Kentucky, including new construction and safety improvement projects. He was assigned primary responsibility for overseeing contractor performance and construction quality assurance. Mr. Saylor was responsible for quality control testing and inspection, project documentation, and review of contractors' pay estimates.