



Solid Waste Management

Commercial and public municipal and industrial solid waste managers are faced with the challenge of navigating complex regulatory landscapes. In addition to complying with federal regulations, waste managers must also meet often more stringent state-level regulations. Because states continually update their waste disposal regulations and waste diversion goals, development of new waste management strategies and/or facilities is an ongoing process. Other factors, such as political priorities and economic climates, can influence the operations of solid waste facilities and the development of innovations within the industry.

TRC has decades of full-scale expertise in the solid waste market. Our multidisciplinary teams span across the country, allowing us to offer comprehensive services, such as siting, permitting, design, construction, operations and maintenance, environmental monitoring, landfill gas system operation, odor monitoring, training, closure, remediation, and post-closure reuse, supporting the entire lifecycle of projects. Our experts are also specialized in essential areas such as cutting-edge engineering concepts and materials, emerging contaminants (e.g., Per- and polyfluoroalkyl substances (PFAS), and developing regulatory requirements (e.g., recent coal combustion residuals guidelines and mandates). We are experts in helping clients navigate changing regulations. TRC's internal laboratory and relationships with other reputable laboratories can reduce client costs and streamline projects.

TRC's solid waste experts participate in national and state rulemaking committees, ensuring that we have a deep understanding of both current and pending regulations and strong relationships with government entities and stakeholders. We strive to serve our clients as technical and strategic advocates, offering risk-based alternatives and flexible contracting to help achieve business goals.

Meet Our Subject Matter Experts



Doug Genthe, PE, BC, GE
Siting, permitting, design, construction of landfills, Geotechnical engineering for environmental containment systems.
[Email](#)



Amanda Wade, PE
Landfill Design, Solid Waste Permitting, Environmental Compliance, Landfill Gas Management
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Mike Lawless, PG
Hydrogeology
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Services Include

Siting and Permitting

- Site/facility selection/investigation
- 3D software design
- GIS services
- Planning studies/alternatives analyses

Environmental Compliance

- Permitting
- Mobile auditing
- Monitoring and Reporting

Design and Construction

- Civil, structural, and geotechnical engineering
- Construction management

Operations and Closures

- Operations and maintenance
- Gas and leachate

Laboratory Services

- Geotechnical, geosynthetic, and materials testing
- Waste characterization