With over 30 years of service, Geosyntec’s professionals have been involved in more than 1,000 solid waste management projects for both private and public clients, including solid waste planning, solid waste and recycling studies, waste flow analysis, composition, and generation studies, waste collection and hauling operations, materials recovery facilities (MRFs), transfer stations, energy recovery facilities, and landfills.

Our public-sector clients include counties, municipalities, states, and solid waste authorities. Our partnerships with leading universities, institutions, U.S. EPA, and many regional solid waste authorities are producing better methods for design and operation of municipal waste disposal facilities, helping develop green energy from solid waste, and identifying viable and reasonable next generation waste diversion practices.

The technical and financial expertise of our practitioners allows Geosyntec to be a trusted advisory resource for counties, municipalities, states, and solid waste authorities.

CONTACT INFORMATION
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Integrated Solid Waste Planning and Advisory Services
for Solid Waste Authorities, Counties, and Municipalities
Long-term planning and optimization
Waste characterization and generation studies
Strategic planning
Operations efficiency and effectiveness studies
Valuation services for solid waste assets and liabilities
Recycling programs
Solid waste system full and life cycle cost of service studies
Zero waste planning programs
Operational analysis of waste and recycling management systems
Market research

Financial Planning
- Long-term planning and optimization
- Rate structure design and evaluation
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- Organics collection programs and composting
- Alternative waste conversion technologies

Our advisory team is highly qualified to address your current and long-term issues. Our in-house financial professionals work side-by-side with technical professionals to provide a unique depth of experience and strength. Our renewal advisory team includes economists, environmental scientists, natural resource managers, engineers, and financial and operations analysts who are recognized authorities in their fields. Our practitioners are adept at quickly grasping the scope and nuances of key issues in the industry and in developing sound, feasible, sustainable, and technical insight for clients.

Our vision of success is built on our internal culture of technical excellence and our commitment to exceptional client service. Our goals are to not only provide cost-effective and innovative solutions, but also to invest in understanding our clients’ challenges and opportunities. We are proud of the significant volume of repeat business that we earn, as being representative of the trust our clients place in our continued ability to deliver.

Since 1983, Geosyntec has been involved in more than 1,000 solid waste management projects providing advisory services such as:

Cost of Services Consulting, Dalton County, Georgia
- The Solid Waste Authority of Central Ohio (SWACO) manages more than a million tons of solid waste annually through an integrated regional network of waste processing, transfer, and disposal facilities in the Columbus, Ohio region. Following a major turnover in executive management, SWACO was interested in a top-to-bottom review of their organization so that they could assure their stakeholders that the organization could continue its mission well into the future. In support of this goal, SWACO engaged Geosyntec to provide an independent assessment of their solid waste operations, financial planning, staff organization and maintenance operations. This included a review of their landfill and transfer station operations, landfill gas system operations, heavy equipment maintenance, capital projects planning, financial reporting, in-house engineering support, and overall organization of their operations.

Integrated Solid Waste Operations Review and Assessment, Franklin County, Ohio
- Dr. Morris, a principal with the firm, is an internationally recognized expert with over 18 years of experience in the waste management and cooperative energy sectors. He provides strategic advisory services on solid waste planning, including market valuations and feasibility analyses of alternative waste conversion technologies, and options for meeting waste diversion and recycling goals. He has helped dozens of private and public clients navigate the project development lifecycle for new and expanded waste management facilities, providing services from pre-development screening and impact assessment through engineering design and permitting, bidding and procurement, construction, operation, compliance, closure, and post-closure. A growing component of Jeremy’s work is redevelopment of former landfills and brownfield sites as platforms for renewable energy (including solar, wind, and geothermal) for which he has performed a number of technical/financial feasibility studies and conceptual designs for project development.

Integrated Solid Waste Operations Review and Assessment, Franklin County, Ohio
- William Gaffigan, MBA, CVA
- Mr. Gaffigan, a principal with Geosyntec, focuses on our Economic and Financial Advisory practice. He has more than 25 years of experience as an executive and consultant, with specialized capabilities in financial analysis, valuation, business transactions, and strategic business consulting in solid waste. Mr. Gaffigan previously served as a regional controller and a Vice President of business development for a large public waste company and evaluated hundreds of collection, disposal, diversion, and alternative energy projects. Mr. Gaffigan has been qualified as an expert witness in valuation and solid waste matters and has provided testimony in state, federal, and bankruptcy courts, as well as in arbitration and mediation settings.

Marc Rogoff, Ph.D.
- A senior consultant with over 35 years experience, Dr. Rogoff is one of the nation’s top experts in solid waste collection, the evaluation of rates, cost allocation studies, system valuations, and development of master plans for solid waste agencies. He has held executive management positions in both local government and in the private sector. His efforts have included the development of innovative collection and recycling programs, providing guidance on public education and outreach programs, and assistance on grant programs. He has conducted more than 50 solid waste collection studies enabling his clients to improve efficiencies and develop engagement strategies with stakeholder groups and regulators. Marc is the former Director of the Collection and Transfer Division of the Solid Waste Association of North America (SWANA) and currently serves on the association’s Executive Board. He has authored eight textbooks and more than 150 articles in solid waste trade journals.

Jeremy Morris, Ph.D., P.E.
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Long-term Solid Waste Planning Options, Frederick County, Maryland
- Geosyntec was commissioned by Frederick County’s Department of Utilities and Solid Waste Management to conduct a Solid Waste Management Options Study to identify and evaluate viable long-term solid waste management and recycling alternatives. Geosyntec’s evaluation of different solid waste management options and technologies included cost-benefit analysis, lifecycle cost and environmental assessment, review of operational complexity, and ease of integration into existing County programs. Based on this, Geosyntec helped the County develop a strategic plan for phased implementation of selected systems to meet incremental recycling and diversion goals through 2040, initially focusing on composting of food scraps from residences, restaurants, and public schools.

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