

GREGORY P. MCCARRON, P.E.

## Education

B.S. - Environmental Engineering, Rensselaer Polytechnic Institute, 1986

## Professional Licenses

Professional Engineer - New York, Rhode Island, Maine, Massachusetts, New Hampshire, and Virginia

## Professional Affiliations

U.S. Composting Council  
Solid Waste Association of North America  
New York State Association for Solid Waste Management



## Professional Experience

Mr. McCarron has 34 years of experience in all aspects of solid waste management, including composting. He is SCS' national expert for organics management projects. We design, permit, construct, and operate compost systems and facilities for public and private clients. His experience includes operations, project management, design, permitting, regulatory support, construction oversight, system start-up, economic analysis, and technology assessment.

## Organics Management

**Chittenden Solid Waste District, VT.** Project manager for preparation of a business analysis and provision of design services for CSWD's organics diversion facility, home of Green Mountain Compost. Tasks included design services for expansion of the existing compost operation to demonstrate site suitability and estimate construction costs. For the business feasibility analysis, we estimated the market need for organic transfer services and identified the level of District support (subsidy) needed.

**Geomembrane ASP Compost Design – Various Sites.** Project manager for design of twelve covered, aerated static pile compost facilities, managing biosolids, yard and food wastes. Tasks included preparation of layout drawings. Sites include 8 US locations and 3 Canadian locations.

**Compost Standards and Regulatory Support – US Sites.** Project manager for development of minimum, standard site criteria (design, construction and operation) for compost production for a Fortune 1000 company. Provided regulatory support for various facilities operations.

**Sullivan County, NY.** Project manager for preparation of an organics management plan feasibility study that considered diversion of organics from residential, commercial and institutional generators, and included a technology review for capture/collection and processing of organics. Tasks included siting, marketing, education, public outreach, and staff training, plus design of a hybrid compost facility.

**Windrow Compost Operations – MA, RI, NJ Sites.** Project director for operations of six windrow compost facilities, managing yard, food, manure, and industrial food wastes. Tasks included site layout, permitting, and operations services, including provision and use of a truck-mounted mixer to mix food and leaves, and a compost turner to turn the windrows.

**Kern County, CA.** Technical advisor for provision of design, engineering, and technical services for an Aerated Static Pile Composting Facility at Shafter-Wasco Recycling & Sanitary Landfill, Shafter, California.

**San Diego, CA.** Technical advisor for provision of design and construction services for an Aerated Static Pile Composting Facility, located on top of the Miramar Landfill.

**Compost Facility and Mulch Operations Evaluation, Virginia Beach, VA.** Technical advisor for evaluation of an existing yard waste mulch facility. Tasks included review of current operations and best management practices, and conceptual design of site improvements. For the compost facility evaluation, we reviewed several sites and prepared a conceptual design, and construction and operations cost estimates.

**Compost and Anaerobic Digester Feasibility Study, Dubuque, IA.** Technical advisor for a feasibility study to develop a compost facility or anaerobic digester to manage yard waste and food scraps. Based on the available site, prepared processing capacity estimates and site design. Prepared compost technology assessment.

**Planning Study, Smithtown, NY.** Project director for research and evaluation of the impacts of organic waste processing facilities (OWPFs), and identification of the Best Management Practices for operating and regulating indoor OWPFs. Among other resources, SCS used the database of the U.S. Composting Council to identify composting facilities throughout the country, which utilize different technologies.

**Geomembrane ASP Compost Design – NYC.** Project manager for preparation of bid documents for a compost facility using the Gore cover system at a site located in Queens, New York. Tasks included: surveying and site grading; design of working surfaces; stormwater management design; contact water management; construction oversight.

**ASP Compost Design – NYC.** Project manager for preparation of bid documents for a compost facility using an ASP system at a site located in Queens, New York. Tasks included: site grading; design of working surfaces; stormwater management design; contact water management; construction oversight.

**Organics Evaluation - MD.** Technical advisor for assistance to support a strategic plan to divert food scraps from landfill or WTE disposal. Provide research on recycling programs across US and technical background of composting processes.

**Compost Feasibility Study - OH.** Technical advisor for a feasibility study to develop a compost facility in Lorain County to manage yard waste and food scraps. Based on the available site, prepared processing capacity estimates, site design and operating plan. Prepared compost technology assessment and financial pro forma.

**Compost and Mulch Operations Evaluation, Raleigh NC.** Project manager for evaluation of an existing yard waste compost and mulch facility. Tasks included review of current operations, conceptual design of site improvements, review of labor and equipment, regulatory review, and preparation of a financial pro forma.

**Compost and Mulch Operations Evaluation, Cumberland County, NC.** Project manager for evaluation of an existing yard waste compost and mulch facility. Tasks included review of current operations, conceptual design of site improvements, review of labor and equipment, regulatory review, and preparation of a financial pro forma.

**Compost Operations Evaluation - KS.** Technical advisor for a feasibility study to develop a windrow composting facility at a City-only greenfield site and at an existing City site. Prepared processing capacity estimates, and a site design and operating plan.

**Wellesley, MA.** Project director for sales and marketing of leaf compost from the Wellesley leaf compost facility in Wellesley, MA. Tasks included coordination and sales of existing leaf compost produced by the Town. The Town was able to earn revenue from compost that it was unable to sell.

**Town of Barnstable, MA.** Project manager for provision of review services for the proposed site plan and best management practices (BMPs) for Cape Resource's mulch and leaf composting facility expansion in Barnstable, MA. Tasks included review of the site plan and BMPs; suggestions for the future monitoring of dust, noise and odors from the facility; and, attendance at meetings.

**Town of Chapel Hill, NC.** Technical advisor for preparation of a pro forma for a composting facility. The project included a comprehensive review of solid waste collections, transportation, and disposal options.

**Agitated Bay Compost Retrofit – RI.** Technical advisor for construction of retrofits to agitated bay compost facility, handling biosolids.