



Transfer, Recycling, and Processing Facilities Services

Local Knowledge with Nationwide Experience

Cornerstone is comprised of senior industry leaders with more than 30 years of experience in transfer station and materials recovery facility (MRF) design and operations. Our skilled staff assists clients who transfer, transport, and process a wide array of waste and material types, that range from municipal solid waste (MSW) and construction and demolition (C&D) waste, to both conventional and unconventional recyclables.

Our diverse team of solid waste industry professionals is experienced in all facets of the solid waste cycle, from collections through recovery and disposal. We have a proven track record of providing our clients with competitive operational and market advantages. Cornerstone's solutions reflect regional experience as well as methods, equipment, applications, and techniques that have been successful both nationally and internationally.

We are constantly refining our transfer and materials recovery facility designs based on industry innovations, client feedback, and knowledge gained from ongoing permitting and construction projects across the nation. These refinements enhance and improve facility operations, profitability, regulatory compliance, and energy efficiency.

At Cornerstone, we understand that details often dictate the success of our client's business. We identify and focus on the important details and tailor our services to include assistance with ongoing operations and other areas where our knowledge of solid waste adds value. These services include brokering, professional testimony, vertical integration, client representation, construction management, oversight and certification, bid package review, and development and equipment design and specification.

What Sets Cornerstone Apart?

- Experience with transfer stations and MRFs –Our staff has years of experience with transfer station and MRF design and operations.
- Operationally efficient designs – Our facility solutions incorporate innovative design elements, processing methods, equipment selection, and transportation alternatives.
- Client focus – We begin each project by getting a full understanding of the client's situation, really listening to their needs and asking the right questions.
- Nationwide presence –Offering perspective and knowledge of local business and regulatory issues, we also incorporate successful regional, national, and international solutions.
- Our solutions improve clients' bottom line – We create a financial edge for our clients, finding solutions that consider the entire waste cycle, including teaming solutions and/or vertical integration if beneficial.
- Incorporating waste conversions – Instead of using facilities as only a transfer station and/or MRF, we have experience in converting waste materials into alternative fuels or other marketable by-products.



Transfer Station Services Provided

Facility Planning

- Site review and selection
- Concept site layout and operations plans
- Concept building/equipment layout and operations plans
- Financial and operational analyses

Permitting

- Site plan approval process
- Solid waste facility permit applications
- Preparation of environmental and health
- Impact studies
- Air quality control system design and permit applications (new applications, modifications, and renewals)
- Solid waste management plan development

Design

- Preliminary design, design development, and construction
- Document preparation (plans and specifications)
- Construction cost estimates
- Project scheduling

Procurement

- Preparation of bid documents
- Bid solicitation
- Bid evaluation

Construction Services

- Quality assurance/quality control
- Field services
- As-built and certification package preparation

Existing Facility Review

- Operational review and improvements
- Organizational/business review and process
- Evaluation
- Restructuring
- Operations RFP preparation

Recent Cornerstone Experience

Cornerstone prides itself on establishing close and productive relationships with its clients. A few recent examples of our facility projects include:

LEMCOR, Inc. (NJ) – Design, solid waste permitting, air quality permitting, site plan approval, and on-site utility design, stormwater controls, and vehicle corridors for a 2,800 ton per day (tpd) MSW transfer facility, including transfer, maintenance, and office buildings.

Taylor Biomass Energy (NY) – Design and solid waste permitting for the expansion and conversion of an existing C&D facility to a biomass gasification waste-to-energy facility that contains state-of-the-art waste processing and separation equipment.

Orange County DPW (NY) – Design, procurement, construction management for a proposed transfer station/MRF, and design and permitting services for a permitted 8,300 sq ft transfer station.

Lizard Rock Designs (AZ) – Sizing evaluation, civil design and permitting of recycling facilities and transfer station for residential self-haul and small commercial waste as a part of the overall design of a new entrance facilities/administrative office campus at a landfill site.

Pellitteri Waste Systems, Inc. (WI) – Preparation of site and building plans including equipment selection, layout and traffic routing for a recyclable material and municipal solid waste transfer facility. A Conditional Use Zoning application including noise studies, and regulatory design submittals were successfully completed.

Central Waste, Inc. (OH) – Services for the preparation of a state solid waste transfer station permit and operating license for a 5,000 tpd transfer station, which required an existing building to be permitted to accept railroad-delivered solid waste and construction and demolition debris.



For more information:

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