



Transfer and Recycling Facility, Anaheim, California – Odor Control

Project Profile

Background

This transfer and recycling facility processes 5,000 tpd including direct transfer, single-stream line and MSW sorting. The facility was required to select and install equipment, and perform building improvements to minimize odors from its municipal solid waste transfer station and material sort line operations.

DEI Scope of Work

DEI was hired to:

- Work with the local air district ensuring potential equipment and project options would satisfy their requirements;
- Assist in the equipment/technology selection process;
- Oversee project design efforts; and
- Manage the permitting, construction and installation of the selected equipment and building improvements.

DEI Team Activities:

- Performed an analysis of the alternative technology the facility was originally focused on; estimated capital and operating costs and the anticipated space requirements. DEI found the technology was not proven for this application and that the costs and space requirements were prohibitive;
- Researched other odor control equipment systems that had proven track records at similar facilities;
- Performed preliminary cost/benefits analyses for potential systems and recommended the selection of the best system for the facility;
- Served as communications liaison between the regulatory agency and the facility owner regarding plans and permitting;
- Prepared detailed capital and operational cost estimates, preliminary design, equipment and construction specifications and issued a request for proposal to qualified bidders;
- Managed the bid process, coordinating bidder conferences, responding to questions and requests for information, and preparing detailed evaluations of qualified responses for consideration by the client;
- Prepared and managed project control systems and schedules to ensure the project stayed on time and on budget;
- Worked extensively with equipment suppliers and contractors to resolve cost and schedule issues as they arose; and
- Provided construction management services for the installation of doors, building enclosures and equipment.

Results

The building improvements have been completed and the odor control system is currently operational.

DEI

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