



Case Study

Monterey Peninsula Landfill Blower/Flare Design, Permitting & Installation

Background

The Monterey Regional Waste Management District (MRWMD) operates the 315-acre, 3,500 tpd Monterey Peninsula Landfill in Marina, CA. To ensure compliance with applicable rules and regulations, the landfill needed to install a blower system and flare capable of handling the landfill gas currently being generated, as well as forecast future levels of gas generation.

DEI Scope of Work

DEI was hired to design, procure and install a blower system and flare capable of handling all landfill gas anticipated to be generated over the life of the Monterey Peninsula Landfill.

DEI Tasks

DEI was responsible for the following work tasks:

- Establishing the design basis for the blower and flare
- Preparation of a Request for Proposal (RFP) and conduct a bid for the provision of equipment
- Preparation of RFP documents and specifications, and conducting a bid for the equipment installation
- Acquisition of building permits
- Manage the manufacture and delivery of equipment
- Construction management including:
 - Site preparation
 - Equipment installation
 - Start up and commissioning

Results

- Procured equipment was delivered to the site on time
- The blower and flare installation was completed on schedule and on budget
- The system is currently operational

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