



# Sonoma County Waste Management Agency • Compost Zero Discharge Plan

## Project Profile

### Background

The Sonoma County Waste Management Agency (SCWMA) was required by the Regional Water Quality Control Board (RWQCB) to develop and implement a Compost Wastewater Zero Discharge Plan for all contact water from its 100,000 ton per year Compost Facility.

### DEI Scope of Work

DEI was hired to develop and assist in implementing a feasible Compost Wastewater Zero Discharge Plan in conjunction with SCWMA that met the requirements of the RWQCB to initially reduce and ultimately eliminate compost contact water discharge from the facility.

### DEI Team Activities

- Facilitated communications between multiple public and private stakeholders to develop consensus on feasible Zero Discharge Plan components.
- Prepared the Compost Wastewater Zero Discharge Plan, which included multiple interim components to significantly reduce discharge initially, and three long-term component options designed to eliminate all discharge in the future.
- Coordinated implementation of interim components including the construction of a 2 million gallon lined surface impoundment for containment of compost contact water and subsequent trucking to the local POTW for treatment.
- Worked with the compost contractor to implement operational changes to reduce the footprint of the compost deck in order to reduce contact runoff from the facility.
- Prepared and made presentations to the SCWMA and the RWQCB Board of Directors regarding the Zero Discharge Plan.

### Results

The Compost Wastewater Zero Discharge Plan was adopted by the SCWMA, and approved by the RWQCB, and both the interim and the long-term components of the plan were implemented by the SCWMA.

# DEI

D. Edwards, Incorporated

#### Corporate Headquarters

3040 Saturn St., Suite 204  
Brea, CA 92821  
714-582-3288

#### Northern California

821 University St.  
Healdsburg, CA 95448  
707-395-0213

info@dedwardsinc.com  
dedwardsinc.com