



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
Healdsburg, CA

info@dedwardsinc.com
dedwardsinc.com