

West Contra Costa Sanitary Landfill Organics Material Processing Facility Community Update

January 24, 2017



West Contra Costa Sanitary Landfill – Team Members



Don Litchfield – Area Manager Post Collection

Daryl Smith– General Manager

Doug Brewer – Environmental Manager

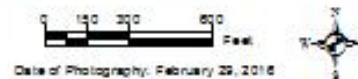
Bielle Moore – Community Affairs Manager

West Contra Costa Sanitary Landfill Organics Material Processing Facility (WCCSL OMPF) is key in providing comprehensive recycling services in Contra Costa County and the surrounding communities.

- Transfer Station - 21,900 square foot transfer facility
- OMPF Composting Facility - Environmentally responsible, organics recycling
- Construction and Demolition Recycling - Capable of diverting approximately 90 percent of C&D material
- Gas to Energy – 2.4 MW gas-to-energy facility using landfill gas as the energy source



West County Landfill



Being a good neighbor is a top priority for the management team and employees of the West Contra Costa Sanitary Landfill OMPF

- Committed to improving and eliminating any impacts
- Upgraded odor control systems
- Implemented best management practices
- Active participant in the community
- Maintains Wildcat Marsh & Landfill Loop Trail

The West County facility employs several odor mitigation measures, including:

- Landfill gas collection and control system
- Misting Systems to control potential odors
- A meteorological station to monitor weather patterns
- Construction of a new, state-of-the-art Covered Aerated Static Pile compost system will reduce the potential for odors
- Water trucks to spray down any dust-producing areas



Collection system captures 99% of landfill gas



A meteorological station monitors
weather patterns



Aerated Static Pile Composting System Bunker #1 of 6 bunkers to be utilized









AB 1826 Business Requirements

- April 2016 - Businesses generating 8 CY organics/week required to have organic waste recycling
 - Jan 2017 – 4 CY/week of organics
 - Jan 2019 – 4 CY/week of solid waste
 - 2020 trigger: CalRecycle can reduce to 2 CY of waste if statewide organics disposal not cut in ½
 - Multifamily complexes not required to divert food waste



AB 1826 Jurisdiction Requirements

- ▶ Jan 2016 - Implement program:
 - Outreach, education, monitoring
 - Organics recycling program
 - May include mandatory recycling via policy or ordinance, franchise agreement or contract, or requiring material to go through MRF
 - Identify barriers; plan to address barriers under control of jurisdiction
- ▶ Aug 2017 - begin reporting in Annual Reports on education, outreach, monitoring, barriers/plans, facility infrastructure

Best management practices for the WCCSL OMPF

- Regular cleaning of our fleet trucks
- Covered Aerated Static Pile compost system
- Air District preferred method for composting
- More efficient processing of green waste
- Transfer Station new bay doors

- New composting facility completed January 2017
- Continue and expand best management practices
- Ensuring our company runs the best environmentally responsible facilities.
- Unique regional facility designed to meet State organic processing requirements