

Managing Odors: Good Neighbor Practices to Reduce Exposure

Prima Deshecha Landfill

OC Waste & Recycling (OCWR) takes odor management that affects the communities surrounding our landfills very seriously. Over the years, OCWR has listened to the feedback from neighbors and developed best practices to reduce the impact of odorous waste on nearby residents.

New Neighbors: Residents begin moving into Rancho San Juan; the closest homes are within 500 feet of landfill property.



Building a Berm: Resident feedback spurs OCWR to build a berm to enhance aesthetics for the nearby community.



Best Practices: Additional operational best management practices (BMPs) minimize size of working area and spray odor neutralizers.



Weather Station and Wind-Pattern Monitoring: OCWR upgrades weather station to better detect wind patterns; reroutes biosolids and manure loads to a remote access road; installs a new eastern perimeter misting system; and adds odor neutralizers to misting systems.



October 2012

2013

2015

2017

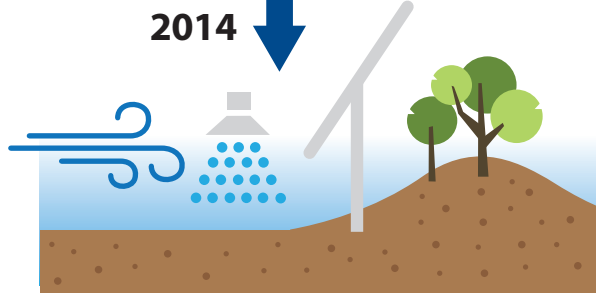
Spring 2013

2014

2016



Time-of-Day Shift: Responding to odor complaints, Prima limits delivery of odorous loads to specific times to avoid prevailing winds.



Blocking Wind Patterns: Crews plant trees on the berm and install giant wind deflection panels. Staff deploys perimeter and portable misting systems to neutralize odors.



Rapid Response Program: OCWR launches communications system for residents to report issues or ask questions. Simultaneously reaches Prima staff, OCWR top management and community relations staff.



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