

# SUN VALLEY RECYCLING PARK AND MATERIAL RECOVERY FACILITY/TRANSFER STATION

## DRAFT

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Waste Management's Sun Valley Recycling Park (SVRP) facility began operating in October 2020 after a decade of planning, permitting and construction. With this new addition, the Southern California region gains a safe, reliable and efficient waste management and recycling facility.

Three operations are housed in a 104,960-square foot building on 14 permitted acres within a 209-acre site: transfer station, organics processing and material recovery facility (MRF). The fully enclosed building is equipped with a ventilation system designed to maintain negative air pressure, forcing dust and odors through the ventilation to the baghouse where dust is collected in super sacks then transported off-site for proper disposal.



The transfer station is permitted for 4,000 tpd of municipal solid waste (MSW) transfer. Public and private waste collection trucks, typically with 40-yard capacity, drop off MSW. The MSW is consolidated and loaded into transfer trailer trucks that transport the MSW to landfills in or near Los Angeles for proper disposal.



The centerpiece of the organics processing operation is Anaergia's patented Organics Extrusion Press (OREX). OREX extracts organics from mixed solid waste and source separated organics, with the capability of handling all contamination levels. The organic fraction generates a clean and highly digestible wet material ideal for conversion to biogas that is converted into three final products: electricity for the state's power grid, electricity for onsite power and pipeline-injected renewable natural gas at Anaergia's Rialto Bioenergy Facility.

Through this collaboration, Waste Management is able to expand current organics service offerings and support local organic capacity aligned with California's SB 1383 that codifies the California Air Resources Board's Short-Lived Climate Pollutant (SLCP) Reduction Strategy. As it pertains to CalRecycle, SLCP establishes targets to achieve a 50% reduction in the level of statewide disposal of organic waste from the 2014 level by 2020 and a 75% reduction by 2025.

"The OREX at SVRP places Waste Management at the forefront of providing cutting edge solutions to the region's solid waste management planning. Working with Anaergia, our team ensures that food waste and organics can be turned into a renewable resource for use throughout Southern California," said Doug Corcoran, Director of Public Sector Solutions at WM.

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The MRF is scheduled to start operating in mid-January 2021; it will process up to 500 tons per day. Recovered recyclable materials will be baled.

Four temperature-controlled sorting rooms minimize the workers' exposure to noise and dust, and keep employees cool during the summer. The MRF is equipped with the latest in traditional sorting equipment, such as optical sorters to positively sort plastics and fibers, and a drum magnet and eddy current to remove metals from the material stream. The MRF also utilizes auger screens that are designed to screen more effectively, reduce cleaning and reduce maintenance and downtime.



Anaergia's Rialto Bioenergy Facility is the largest food waste diversion and energy recovery facility in North America.