

Davis Street Transfer Station

Annual Update to BZA

December 1, 2016

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Davis Street Transfer Station Facts

- 53 acre facility
- 244 Employees from 3 Unions
 - Local 70 Teamsters
 - Local 6 Recycling (Longshoremen)
 - Local 6 Landfill (Longshoremen)
 - Local 6 Clerical (Longshoremen)
 - Local 1546 Mechanics
- ~3300 tons processed per day
 - Sorting of:
 - Construction & Demolition
 - Dry Waste
 - Multi-Family
 - Commercial Recycling
 - Organics / Food Waste
 - Electronic waste & appliances
 - Mattresses

Master Plan Projects

- Liquefied/Compressed Natural Gas Station

- Minimal “out of route” trips to 98th for fueling - fleet is now at 85% CNG vs Diesel

- Multi-Family upgrade - completed Q2 2015 with award of Oakland Contract

- Processing trash from apartment buildings in Oakland

- Organics Material Processing Facility (OMRF) - design & planning completed

- Construction began Q2, 2016 - Completion Q1, 2018

- New 1 acre Wood Waste Footprint - Completion Q4, 2016

- Elimination of wood grinding machine

LCNG Fueling Station - CNG Trucks



Advantages of CNG

- Natural gas vehicles can have a direct, positive impact on Alameda County's air quality and environment.

- Reduced emissions:

- carbon dioxide (CO₂) by 20-30%
- carbon monoxide (CO) by 75%
- combined 98% fewer carbon emissions



- Waste Management of Alameda County currently has the only closed loop “Trash to Gas” process in the U.S.

Multi-Family Upgrade



EarthCare Center Relocated



WM EarthCare compost and mulch are made from 100% recycled materials collected in Alameda County and processed at Davis Street



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Organics Material Processing Facility (OMRF)

- Facility will recover 600 tons per day of City of Oakland organic material, currently in residential garbage bins.
- Creation of local full-time union jobs
 - Local 1546 Machinists
 - Local 6 Recycling Sorters
 - Local 70 Teamsters
 - Management and administrative positions
- Will be the most automated, highest capacity, and most integrated Organics Recovery Facility in the U.S.
- This state-of-the-art facility will not be a “Dirty” MRF
- Supports municipal goals towards zero-waste

Current OMRF Construction



Picture Taken: Nov 23, 2016

Rendering of OMRF



Looking from East to West

Rear View - OMRF



Looking from East Bay Regional Park

MRF Certification



Davis Street Traffic & Litter Reduction

- Due to Lost & Sold Business
 - 85 tons/day of residential single stream lost with Oakland contract (July 2015)
 - 100 tons/day of residential single stream and organics from Lafayette, Moraga, and Orinda contracts (Feb 2015)
- **Net reduction: 45 route trucks & 10 tractor trailers**
- **Total reduction of 110 trips per day up and down Davis St.**

- Davis Street picks litter up to Office Depot intersection

- DSTS installed 34 new solid motorized tarps (\$320K) on trailers, currently all 55 trailers have this style tarp system

Thank you!

Contact Information

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