

San Mateo County  
Countywide Integrated Waste Management Plan

**Multi-Jurisdiction  
Non-Disposal Facility Element (NDFE)  
(June 2010 amendment)**

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For the Jurisdictions in San Mateo County



## Introduction:

The Integrated Waste Management Act of 1989 (Assembly Bill 939) requires cities and the counties in California to reduce the amount of solid waste disposed in landfills by 25% by 1995 and 50% by the year 2000 through source reduction, recycling and composting activities. The Countywide Integrated Waste Management Plan (CIWMP) is the guiding document for attaining and maintaining these goals. PRC Section 41822 requires each city and county to review the CIWMP at least once every five years to:

- Correct any deficiencies in the elements of the plan;
- Comply with the source reduction and recycling requirements established under PRC Section 41780 (the 50% reduction by 2000 requirement); and
- Revise the documents as necessary.

The County recently completed the 2009 Countywide Integrated Waste management Plan Five-Year Review Report and provided it to CalRecycle<sup>1</sup>. CalRecycle has responded, in agreement with the findings in the report, that the Multi-Jurisdictional (countywide) Non-Disposal Facility Element (NDFE) is the only element of the CIWMP that is in need of amendment. This is also in agreement with the comments to the County from City and County Association of Government as the Local Task Force.

The following pages are an amended list of the permitted non-disposal facilities in San Mateo County. This NDFE also includes permitted facilities outside the county that are used by jurisdictions within San Mateo County for their diversion efforts.

Some additional facilities are listed that are not required to be included in San Mateo County's multi-jurisdictional NDFE. These additional facilities are included as information to the cities and are noted as such. One facility (Recology Grover) is included because it is planned to be used by the Joint Powers Authority known as the South Bayside Waste Management Authority (SBWMA) starting in 2011, avoiding the need to re-amend this document at that time.

For this NDFE amendment, the facility operators have provided the incoming tons, the diversion rates and facility descriptions in this document. It's important to note that there is no State or County audit system to verify diversion rates at facilities.

More specific information by Solid Waste Information System (SWIS) number, such as land or facility ownership, permit status, complete address and contact information, may be found at the following CalRecycle website link:

<http://www.calrecycle.ca.gov/SWFacilities/Directory/SearchList/List?COUNTY=San+Mateo>.

In addition, this amendment to the Multi-Jurisdictional NDFE includes a map of the non-disposal facilities that can be used by jurisdictions to show proximity and give directions to these facilities in order to support diversion efforts by the constituents in San Mateo County. The following is a link to that map: [San Mateo County June 2010 NDFE Amendment](#).

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<sup>1</sup> The California Integrated Waste Management Board recently reorganized under CalRecycle effective 1/1/10.

## **San Mateo County Non-Disposal Facilities**

## Blue Line Transfer Material Recovery Facility and Transfer Station

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
Brisbane	7,638	40 %
Millbrae	19,497	
South San Francisco	98,546	
Unincorporated county	20,233	

**Type:** Large Volume Transfer/Processing Facility

**SWIS Number:** 41-AA-0185

**Permitted Capacity:** 2400 Tons per day

**Location:** 500 East Jamie Court, South San Francisco, CA 94080

**Host Jurisdiction:** City of South San Francisco

### Facility Description:

The facility consolidates Blue Line's refuse disposal and recycling operations and administration. The facility processes waste and recyclable materials primarily from the cities of South San Francisco, Brisbane, and Millbrae, the San Francisco International Airport, and nearby county unincorporated areas. It also receives waste from private self-haulers and the general public. Waste from international flights coming into the San Francisco International Airport is steam-sterilized at the facility.

The facility provides transfer and processing capacity for solid waste and recyclables as well as provides an Integrated Waste Management Disaster Plan and a pre-approved location to offer solid waste and recycling services during periods of disaster. In addition to municipal solid waste transfer, the facility processes construction and demolition debris and other recyclable materials (including paper, metal, wood, inert materials such as soils and concrete, green waste, food waste, glass, aluminum, plastics, electronics, and cardboard, carpet pad, clean sheet rock) through separation and sorting technologies to divert these materials from the waste stream otherwise destined for landfill. A recycling buy-back facility is open to the general public. A Permanent Household Hazardous Waste Collection Facility (PHHWCF) is operated by San Mateo County.

## Ferma–SRDC Recycling Operation I (C&D Debris Processing)

Jurisdictions Served	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
San Mateo County	14,786	98%

**Type:** Medium Volume CDI Debris Processing Facility

**SWIS Number:** 41-AA-0190

**Maximum Permitted Capacity:** 174 Tons per day

**Location:** 475 Seaport Blvd., Redwood City, CA 94063

**Host Jurisdiction:** Redwood City

**Facility Description:**

The Facility, which is approximately 3.5 acres in size, began operation in 2008 and is owned by the Port of Redwood City and leased to SRDC- Ferma. SRDC is the operator of the facility. The Facility's primary function is to recover recyclable materials from the C&D waste stream for further processing and marketing of them. The Facility operates a wood chipping, debris box sorting and recycling operation. All materials that come in are processed and then removed from this site, there is no landfill operation on-site. Materials that are sorted for recycling are shipped to other recycling operations for further processing and marketing. The remaining waste will be shipped to permitted landfills for disposal. The Facility also includes offices, bins for on-site sale of different wood chipped products and collection vehicle parking.

## Ferma-SRDC Recycling Operation II (Wood Grinding)

Jurisdictions Served	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
San Mateo County	3,693	100%

**Type:** Medium Volume CD Wood Debris Chipping and Grinding Facility

**SWIS Number:** 41-AA-0191

**Maximum Permitted Throughput:** 499 Tons per day

**Location:** 475 Seaport Blvd.

**Host Jurisdiction:** Redwood City

**Facility Description:**

The Facility, which is approximately 3.5 acres in size, began operation in 2008 and is owned by the Port of Redwood City and leased to SRDC- Ferma. SRDC is the operator of the facility. The Facility's primary function is to recover recyclable materials from the C&D waste stream for further processing and marketing of them. The Facility operates a wood chipping, debris box sorting and recycling operation. All materials that come in are processed and then removed from this site, there is no landfill operation on-site. Materials that are sorted for recycling are shipped to other recycling operations for further processing and marketing. The remaining waste will be shipped to permitted landfills for disposal. The Facility also includes offices, bins for on-site sale of different wood chipped products and collection vehicle parking.

# Mussel Rock Transfer Station

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
Colma	3,186	see facility description
Daly City	48,823	
Unincorporated County	3,636	

**Activity:** Large Volume Transfer/Processing Facility

**SWIS Number:** 41-AA0015

**Permitted Capacity:** 500 Tons per day

**Location:** 120 Westline Drive, Daly City, CA. (South end of Skyline Blvd.)

**Host Jurisdiction:** City of Daly City

**Facility Description:**

This facility processes waste collected from Daly City, Colma, and adjacent unincorporated areas. It also receives waste from private self-haulers and the general public. Wastes received are group 2 wastes and include residential, commercial and a limited amount of small size demolition material. Currently, approximately 56,000 tons per year are received. The facility operator recovers metal and green waste from the incoming loads. In 2009, an estimated 500 tons of green waste and 146 tons of metal were diverted.



## Ox Mountain Sanitary Landfill – Unit 2 Wood Chipping and Grinding

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
San Mateo County	2,049 Tons	100% as ADC

**Type:** Chipping and Grinding Activity Facility/Operation

**SWIS Number:** 41-AA-002

**Maximum Permitted Throughput:** Tied to Landfill – 3,598 Tons Per Day

**Location:** 2 Miles N-E Half Moon Bay, Off Hwy 92

**Host Jurisdiction:** County of San Mateo

**Facility Description:**

Republic Services’ Ox Mountain Landfill, located in Half Moon Bay California, has been open since 1976 and is slated to continue operating for the next 35 years. The Landfill is open 6 days a week and accepts most all solid waste except hazardous waste. Used motor oil and antifreeze is also accepted along with recyclables.

Beginning in July 2009, a landfill gas (methane) to energy station began operating at the Ox Mountain landfill that is capable of conserving up to 12 million therms of natural gas, per year, in the production of electricity.

**Note:** The Ox Mountain Wood Chipping and Grinding facility is included in this document as information to the cities, but is also exempt from being included in this multi-jurisdictional NDFE per a plain English interpretation of PRC 5001 by CalRecycle in August 2002, namely that this facility exists at an already permitted disposal facility included in the existing Siting Element of the CIWMP.

## **Recology of the Coast (formerly “Seacoast Coastside”, also known as the Pacifica Recycling Yard)**

<b>Participating Jurisdictions</b>	<b>Tons of Debris Sent to Facility (2009)</b>	<b>Estimated Diversion Rate</b>
City of Pacifica and unincorporated County between Pacifica and Half Moon Bay	Pacifica      10,037 Tons	56%
	Uninc. SMC    1,334 Tons	63%

**Type:**                                    Materials Sorting and Drop off Facility

**Permitted Capacity:** Not currently a permitted facility. Included as information to cities.

**Location:**                                1046 Palmetto Avenue, Pacifica

**Host Jurisdiction:**                    City of Pacifica

**Facility Description:**

This facility commonly known as “the Recycling Yard” is the drop-off area for all recycling materials picked up curbside from Pacifica through Miramar. Materials are off loaded from the recycling trucks into forty-yard containers to be transported to our secondary markets. Materials are segregated by location (Pacifica versus the rest of the coastside unincorporated areas) and fine sorted when necessary. Any trash mixed in is removed at this point.

All debris boxes delivered within the above stated areas are brought to the facility for manual sorting of debris vs. recyclable materials.

This facility is also a drop off for all our jurisdictions of curbside materials as well as appliances, e-waste, lumber, metal, Styrofoam, furniture, mattresses, bicycles, greenwaste, lawn mowers and other small appliances. These items are refurbished, donated to designated charities or taken apart with the materials that are recyclable being removed.

**Note:** The Pacifica Recycling Yard is included in this document as information to the cities, but is exempt from being included in the multi-jurisdictional NDFE per CCR title 14 requirements, as it is formally a recycling center.

## Pescadero Transfer Station

Participating Jurisdictions	Tons of Debris Sent to Facility (FY 2008-2009)	Estimated Diversion Rate
Unincorporated County	1030 Tons Solid Waste	30%

**Type:** Limited Volume Transfer Operation

**SWIS Number:** 41-AA-0018

**Maximum Permitted Throughput:** 10 Tons per day

**Location:** Bean Hollow Road, Pescadero, CA

**Host Jurisdiction:** Town of Pescadero/County of San Mateo (in unincorporated county area)

**Facility Description:**

This is a small volume transfer station operating at a closed landfill site in Pescadero, which is located in the rural south coastal area of the County. The facility receives residential, commercial, recreational and agricultural solid waste from the south coastal communities and also operates as a drop-off location for recyclables. Loaded Waste containers are hauled to Ox Mountain Landfill for final disposal. Recyclables are sent to a Material Recovery Facility for processing. White goods, metal and tires are collected by the processors at the site and brought to their facilities for processing.

## Recology, San Bruno (San Bruno Transfer Station)

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
San Bruno	23,624 Tons	43% San Bruno
Unincorporated county	380 Tons	0% -Unincorporated
Other jurisdictions that do not have franchised debris box services	19,603 Tons	24% - Other

**Type:** Large Volume Transfer/Processing Facility (>5% recovery)

**SWIS Number:** 41-AA-0014

**Permitted Capacity:** 120 tons per day.

**Location:** 1271 Montgomery Avenue, San Bruno, CA 94066

**Host Jurisdiction:** City of San Bruno

**Facility Description:**

This facility accepts municipal wastes and recyclable materials delivered by the company's collection fleet, the public, and commercial accounts. Source separated recyclable materials, including curbside collection, organics, and construction and demolition wastes, are segregated for recycling. The facility diverts an average of 20-30% of the material received for recycling. This location also serves as host to a county run HHW collection site and accepts public drop off of recyclable HHW and Universal Wastes during operating hours.

## Shoreway Environmental Center<sup>2</sup>

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Calculated Diversion Rates (Based on MIS Report <sup>3</sup> )
Atherton	11,549 Tons	68.1 %
Belmont	23,986 Tons	41.6 %
Burlingame	39,881 Tons	32.4 %
East Palo Alto	18,895 Tons	23.5 %
Foster City	24,976 Tons	35.1 %
Hillsborough	10,371 Tons	59.5 %
Menlo Park	41,936 Tons	43.0 %
Redwood City	91,087 Tons	37.3 %
San Carlos	41,216 Tons	44.7 %
San Mateo	90,911 Tons	37.9%
Uninc. County	26,386 Tons	44.5 %

**Type:** Large Volume Transfer/Processing Facility

**Permitted Capacity:** 3000 tons per day

**Location:** 225 & 333 Shoreway Road, San Carlos, CA 94070

**Host Jurisdiction:** City of San Carlos

**Facility Description:**

The Shoreway Environmental Center (SEC) provides transfer and processing for waste and recyclable materials collected from the twelve JPA Member Agencies listed above. The South Bayside Waste Management Agency (SBWMA) owns the SEC and contracts for the facility operations with a private waste management company. In addition to the curbside materials from the Member Agencies, the SEC receives materials from private self-haulers and the general public. The SEC consists of a transfer station and a materials recovery facility (MRF). The MRF sorts residential and commercial single stream recyclables. The transfer station handles municipal solid waste and source separated green waste, food waste, and construction and demolition materials (C&D). Source separated materials are load checked and floor sorted before being shipped to off site processors. Additional diversion activities at the SEC include a public recycling center and the handling of bulky items, white-goods, tires, electronics, batteries, oils & paint. Additional salvaging activities may be added to provide additional diversion if market conditions allow.

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<sup>2</sup> This site is currently known as the Shoreway Recycling & Disposal Center, or SRDC. It will become the Shoreway Environmental Center upon completion of construction in early-to-mid 2011.

<sup>3</sup> SBWMA 4<sup>th</sup> Quarter 2009 MIS Report.

## **Santa Clara County Non-Disposal Facilities**

## GreenWaste Recovery Facility

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
Portola Valley	3,586	see note below
Woodside	4,397	see note below

**Type:** Large Volume Transfer/Processing Facility

**SWIS Number:** 43-AN-0019

**Facility Capacity:** 934 Tons per day

**Location:** 625 Charles Street

**Host Jurisdiction:** San Jose

**Facility Description:**

The Facility, which is approximately 6 acres in size, began operation in 1995 and is owned and operated by GreenWaste Recovery, Inc. The Facility's primary function is to recover recyclable materials from the waste stream for further processing and marketing. The Facility operates a yard waste and food waste transfer operation, and a debris box sorting and recycling operation. All sorting operations are conducted inside a 40,250 square foot building. Materials that are sorted for recycling are shipped to other recycling operations for further processing and marketing. The remaining waste will be shipped to permitted landfills for disposal. The Facility also includes offices, collection vehicle parking, and maintenance facilities of GreenWaste Recovery and its associated businesses.

**Note:** 70% of the material that came to this facility from Portola Valley and Woodside was sent to the Z-Best facility for composting. At Z-Best, 15% is separated as contamination.

## Newby Island Compost Facility

Jurisdictions Served	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
SBWMA Cities:	Plant Material      54,620 Tons Wood                      28 Tons Food Composting    12,078 Tons	97%

**Type:** Composting Facility

**SWIS Number:** 43-AN-0017

**Permitted Capacity:** 980 Tons per day

**Location:** 1601 Dixon Landing Rd..

**Host Jurisdiction:** Milpitas

**Facility Description:**

The Newby Island Compost Facility (Facility) is owned and operated by Browning Ferris Industries. The permitted Facility began operation in 1994, and consists of a 2-acre pre-processing area and an 18-acre windrow composting pad. The Facility accepts yard trimmings, food residuals and clean wood waste from residential self-haulers, private gardeners and landscape contractors, municipal and state government landscape maintenance and road crews, and franchised and non-franchised municipal yard waste haulers. Once delivered to the Facility, yard trimmings and food waste is ground up, cured aerobically in windrows, screened after completion and transported to markets. Some yard waste is ground up and sold immediately to land application markets. Wood waste is kept separate, ground up, and either colored for sale as Pro-Chip Mulch or transported to wood fuel markets.

**Note:** Under SBWMA contract, compostable material is hauled from the Shoreway Environmental Center (or direct hauled) to this facility for processing.



## Zanker Material Processing Facility

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
C&D Tons from Shoreway Environmental Center Transfer Station	27,104 Tons	80%

**Type:** Large Volume Transfer/Processing Facility

**SWIS Number:** 43-AN-0001

**Maximum Permitted Throughput:** 1250 Tons per Day

**Location:** 675 Los Esteros Road

**Host Jurisdiction:** San Jose

**Facility Description:**

In 1990, Zanker began the extensive permitting process for the Zanker Material Processing Facility (ZMPF), formally known as the Owens Coming Fiberglass Landfill. The ZMPF was fully permitted in December 1998, and officially began operations in June 1999.

The ZMPF is divided into several different processing areas, each capable of processing different types of waste streams. These areas include: Demolition Debris Recycling Area, Mixed Debris Recycling Area and the Wood Waste Recycling Area.

ZMPF designed and constructed a complete Demolition Debris Recycling Facility that can process unsorted demolition debris materials at the rate of 135 tons per hour. This facility consists of a patented combination of conveyors, screens, magnets and water separation that separates the materials into manageable and marketable products. These products are then directed to other recycling operations on site or shipped directly to end product users.

ZMPF also processes an extensive amount of mixed debris and debris box's daily through a 240-foot long C&D sorting conveyor system. The system is utilized to remove a variety of materials; up to 16 products from the typical mixed waste stream. The sorting conveyor system, which includes elevated work-stations, disc-screens and magnets is located above large concrete storage bunkers that hold recovered materials. When the storage bunkers become full, the materials are routed for additional on-site processing, or loaded and hauled to approved recyclers. Residual materials are routed to a landfill for disposal. The sorting system is capable of sorting 30 to 40 tons per hour with an average 60 to 70% diversion rate. The diversion rate and tons per hour vary depending upon the type of materials sorted.

## Z-Best Composting Facility

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
Portola Valley	3,586	75%
Woodside	4,397	75%

**Type:** Composting Facility (Mixed)

**SWIS Number:** 43-AA-0015

**Facility Capacity:** 1500 Tons per day

**Location:** 980 State Highway 25

**Host Jurisdiction:** Unincorporated Santa Clara County

**Facility Description:**

The 77-acre Facility is situated on a 157-acre parcel and is owned and operated by Zanker Road Resource Management, LTD. It began operation in 1997. The Facility accepts municipal solid waste, source-separated green waste, agricultural byproducts, and other permitted organic materials from municipal collection programs, licensed contractors, and local agricultural operations. The Facility is not open to the general public. Materials received at the Facility are processed (screened or ground) and composted using an aerated windrow method. Finished compost is cured, screened, temporarily stored on site, and transported to market as needed.

The materials received at Z-Best are first received at the GreenWaste Recovery MRF in San Jose where they are pre-processed to remove recyclables and trash. The compostable fraction (approximately 70%) is then directed to Z-Best for composting.

## **San Joaquin County Non-Disposal Facilities**

## Recology Grover Environmental Products 2 (Plant Material Composting)

Participating Jurisdictions	Tons of Debris Sent to Facility (2009)	Estimated Diversion Rate
SBWMA Cities	Site will begin processing SBWMA Organic Material January 2011	Approximately 98%

**Type:** Composting Facility

**SWIS Number:** 50-AA-0020

**Permitted Capacity:** 2,000 Tons per Day.

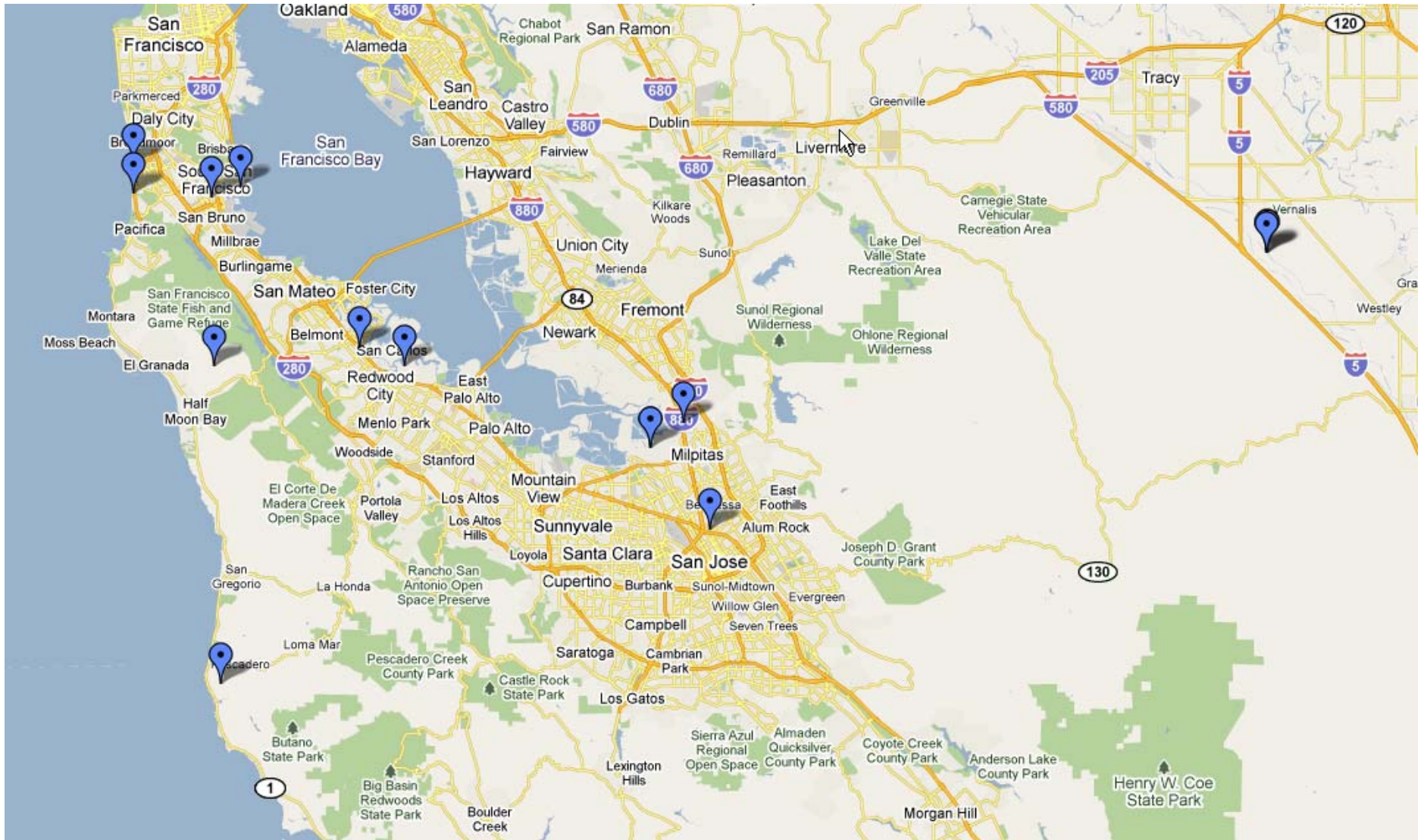
**Location:** 3909 Gaffery Road  
Vernalis, CA 95385

**Host Jurisdiction:** Vernalis

**Facility Description:**

Recology Grover Environmental Products is situated on a 123.5-acre parcel of land leased from Mark and Lorraine Grover. The Facility accepts grass, wood chips, tree and brush trimmings, leaves, Christmas trees, food waste, wood waste, organic liquids, and other permitted organic materials from municipal collection programs, licensed contractors, and local agricultural operations. Materials received at the Facility are processed (screened and/or ground) and composted using an aerated windrow method. Finished compost is cured, screened, temporarily stored on site, and transported to market per customer request.

**Note:** Recology Grover Environmental Product 2 facility is expected be processing 50% of the plant material and curbside collected composting from SBWMA cities starting in January 2011. County staff felt it prudent to add this facility to the multi-jurisdictional NDFE in order to prevent the need for revision of the NDFE at that time.



This map is available at the following web link: [San Mateo County June 2010 NDFE Amendment](#), and can be used to locate facilities, find the addresses and provide directions to and from the sites.