

Non-Disposal Facility Element

County of San Mateo

Revised June 2004

Non-Disposal Facilities in San Mateo County

Facility: Blue Line Transfer Material Recovery Facility and Transfer Station

Participating Jurisdictions	Amount of Waste Sent to Facility (2002)	Diversion Rate
Brisbane		38% - 46%
Millbrae		
South San Francisco		
Unincorporated county		

Type: Material Recovery Facility and Transfer Station (>5% recovery)

Facility Capacity: The design capacity of the relocated facility is 4,488 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, glass, aluminum, plastics, electronics, and cardboard) 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.

Facility: Mussel Rock Transfer Station

Participating Jurisdictions	Amount of Waste Sent (Annual 2002 tons)	Diversion Rate
Colma	72,771 tons	7.5%
Daly City		
Unincorporated county		

Type: Transfer station

Permitted Capacity: 500 tons per day

Location: South end of Skyline Blvd., Daly City, CA

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 75,000 tons per year are received. The facility operator recovers metal and green waste from the incoming loads. In 2002, 5121 tons of green waste were diverted and 361 tons of metal.

Ox Mountain Material Recovery Facility (Proposed)

Type: Material Recovery Facility (located at a landfill)

Permitted Capacity: The facility is not yet permitted, but the proposed capacity is 600 tons per day.

Location: 12310 San Mateo Road
Half Moon Bay, CA 94019-7112

Host Jurisdiction: Unincorporated San Mateo County

Facility Description:

Browning-Ferris Industries proposes to construct a material recovery facility at the Ox Mountain Landfill located within the permitted waste footprint of the landfill on the northernmost sector. The facility will target loads containing a high percentage of materials that could be diverted from disposal. The facility will service existing customers and will target loads delivered by end-dump trucks, 10-wheel dump trucks, debris boxes and self haul vehicles thought to contain a high percentage of recoverable materials. Typically, these will be loads from construction and demolition projects. Targeted materials would include, but not be limited to, inert materials such as dirt, rock, asphalt, brick, tile, concrete, roofing materials, wood, green waste, corrugated cardboard, metal and sheetrock.

Expected Diversion:

A study conducted by a consultant in the fall of 2002 determined that up to 90% of the materials in commercial self-haul loads received at the Ox Mountain Landfill could be diverted from disposal. However, not all of this material is easily sorted from the incoming loads so the actual diversion rate may be somewhat less.

Participating Jurisdictions:

The Ox Mountain Landfill currently receives waste from all jurisdictions in San Mateo County. This new facility is proposed to target rich loads from existing customers, and thus, is anticipated to serve all jurisdictions in San Mateo County.

Facility: Pacifica Recycling Yard

Participating Jurisdictions	Annual Tonnage (2002)	Diversion
City of Pacifica and unincorporated County between Pacifica and Half Moon Bay	215 tons	60%

Type: Materials Sorting and Drop off Facility

Permitted Capacity: Not currently a permitted facility

Location: 1046 Palmetto Avenue, Pacifica

Host Jurisdiction: City of Pacifica

Facility Description:

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.

Facility: Pescadero Transfer Station

Participating Jurisdictions	
Unincorporated county	

Type: Transfer station (<5% recovery)

Permitted Capacity: 20 tons or 100 cubic yards per day

Location: Bean Hollow Road, Pescadero, CA

Facility Description:

This is a small volume transfer station operating at a closed landfill in Pescadero, which is located in the rural south coastal area of the county. The facility receives primarily residential rubbish and recreational and agricultural wastes from the south coastal communities. Loaded containers are hauled to the Ox Mountain Landfill for final disposal. The transfer station also operates as a drop-off location for segregated recyclables. When full these containers are transported to the South Bayside Integrated Facility for processing with the exception of wood (which goes to Ox Mountain) and white goods (transported to a metal recycler).

Facility: San Bruno Transfer Station

Participating Jurisdictions	Amount of Waste Sent to Facility (2002)	Diversion Rate
San Bruno	41,456	27.57%
Unincorporated county		
Other jurisdictions that do not have franchised debris box services		

Type: Transfer Station (>5% recovery)

Permitted Capacity: 250 tons per day. A permit is pending for 500 tons per day. The Facility is built to accept up to 667 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 managed for recycling. The facility diverts an average of 20-30% of the material received for recycling. The facility also serves host to a county run HHW collections facility and accepts public drop off of recyclable HHW and Universal Wastes during operating hours.

Facility: South Bayside Integrated Facility

Participating Jurisdictions	Amount of Waste Sent (Annual 2002 tons)	Diversion Rate (% of 2002 tons received)
Atherton	14,876	45.7%
Belmont	32,337	27.9%
Burlingame	52,258	22.5%
East Palo Alto	24,425	23.5%
Foster City	30,092	21.9%
Half Moon Bay	30,650	23.1%
Hillsborough	14,249	47.6%
Menlo Park	58,009	29.5%
Portola Valley	149	27%
Redwood City	148,528	31.5%
San Carlos	59,616	30.7%
San Mateo	129,249	26%
Woodside	384	14.9%
Unincorporated county	37,667	23.1%

Type: Transfer Station/Material Recovery Facility (>5% recovery)

Permitted Capacity: 3000 tons per day

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

Host Jurisdiction: City of San Carlos

Facility Description:

This facility processes waste and recyclables collected from the jurisdictions listed above or received from private self-haulers or the general public with three exceptions. Only the recyclables collected in Half Moon Bay are processed here. Half Moon Bay waste is hauled directly from Portola Valley and Woodside is received at this facility. Recyclables from these cities are hauled to The Recyclery in Milpitas. At the South Bayside Integrated Facility, sorting lines are operational to divert incoming materials from disposal. Currently this activity targets residential and commercial source separated recyclables and large bulky items including cardboard, wood, large metal objects, and tires. Additional salvaging activities will be added if cost effective and/or if needed to meet the diversion goals. The facility could potentially divert up to 50% of incoming material.

Non-Disposal Facilities in Santa Clara County

Facility: Newby Island Compost Facility

Jurisdictions Served	Tons	Diversion Rate
SBWMA Cities	350	99%

Type: Compost Facility owned and operated by Browning Ferris Industries.

Facility Capacity: The Facility is permitted to process a maximum of 980 tons of yard and wood waste per day. The Facility is currently processing 800 tons of yard and wood waste per day. The Facility is permitted to compost up to 515 tons per day. Other yard and wood waste is processed into biofuel or wood chips.

Location: The Facility is located adjacent to Newby Island Landfill and the Recyclery at Newby Island, at 1601 Dixon Landing Road in San Jose, just west of Highway 880.

Host Jurisdiction: San Jose

Facility Description:

The permitted Facility began operation in 1994 and consists of a 6-acre pre-processing area and a 14-acre windrow composting pad. The Facility accepts yard waste 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 waste is ground up, composted aerobically in windrows, screened after completion and transported to markets. Wood waste is processed separately. It is ground up and either transported to wood fuel markets or colored and sold as a redwood chip substitute.