# County of Santa Clara

# Seventeenth Amendment to the Countywide Nondisposal Facility Element

**September 2017**

**CalRecycle Review & Approval**

**Submitted:** **September 2017**

**Approved:** **September 2017**

# SEVENTEENTH AMENDMENT TO THE COUNTY OF SANTA CLARA COUNTYWIDE NONDISPOSAL FACILITY ELEMENT

The Countywide Nondisposal Facility Element (NDFE) was originally adopted by the Board of Supervisors on December 13, 1994. The First Amendment was adopted on June 3, 1997, replacing and superseding the original document. The Second Amendment was adopted on August 5, 1997, and it replaced and superseded the NDFE and the First Amendment. On September 15, 1998, on December 7, 1999, on May 9, 2000, on December 13, 2003, on August 25, 2009, on February 23, 2010, on March 15, 2011, on November 11, 2011, the Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth and Twelfth Amendments were adopted. Following revised adoption rule, the Thirteenth Amendment, the Fourteenth Amendment, the Fifteenth Amendment and the Sixteenth Amendment were updated by CalRecycle in January 2014, March 2014, June 2014 and March 2016. This NDFE may be adopted by other jurisdictions.

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# SEVENTEENTH AMENDMENT TO THE COUNTY OF SANTA CLARA COUNTYWIDE NONDISPOSAL FACILITY ELEMENT

## Introduction

California Public Resources Code (PRC) Sections 41730 et seq., require California cities and counties to prepare and adopt a Nondisposal Facility Element (NDFE) for all existing or proposed nondisposal facilities which will be needed to implement local Source Reduction and Recycling Elements. A nondisposal facility is any solid waste facility required to obtain a solid waste facility permit except a disposal facility or transformation facility (PRC Section 40151).

In 1994, the County of Santa Clara's Integrated Waste Management Program prepared the Countywide NDFE for adoption by the cities of: Campbell, Cupertino, Gilroy, Los Altos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, San Jose, Santa Clara, Saratoga, and Sunnyvale; the towns of Los Altos Hills and Los Gatos; and the County of Santa Clara Unincorporated Area. The City of Palo Alto prepared and adopted its own NDFE. In March 1997, the First Amendment to the Countywide NDFE was prepared by the IWM Program for use by jurisdictions as necessary. The Second Amendment was approved in July 1997; the Third in September 1998; the Fourth in December 1999; the Fifth in May 2000; the Sixth in December 2003; the Seventh in August 2009; and the Eighth in February 2010; and the Ninth Amendment (which was a collection of the Ninth, Tenth and Eleventh combined) in March 2011; and the Twelfth Amendment in November 2011. With the change in amending NDFEs pursuant to AB341 (Chapter 4.5, Statutes of 2011, Chesbro, AB341), CalRecycle updated the NDFE to include the Thirteenth in January 2014; the Fourteenth in March 2014; the Fifteenth in June 2014 and the Sixteenth in March 2016.

The Countywide NDFE identifies transfer stations, material recovery facilities, yard waste composting facilities, and landfills necessary to implement local waste diversion goals.

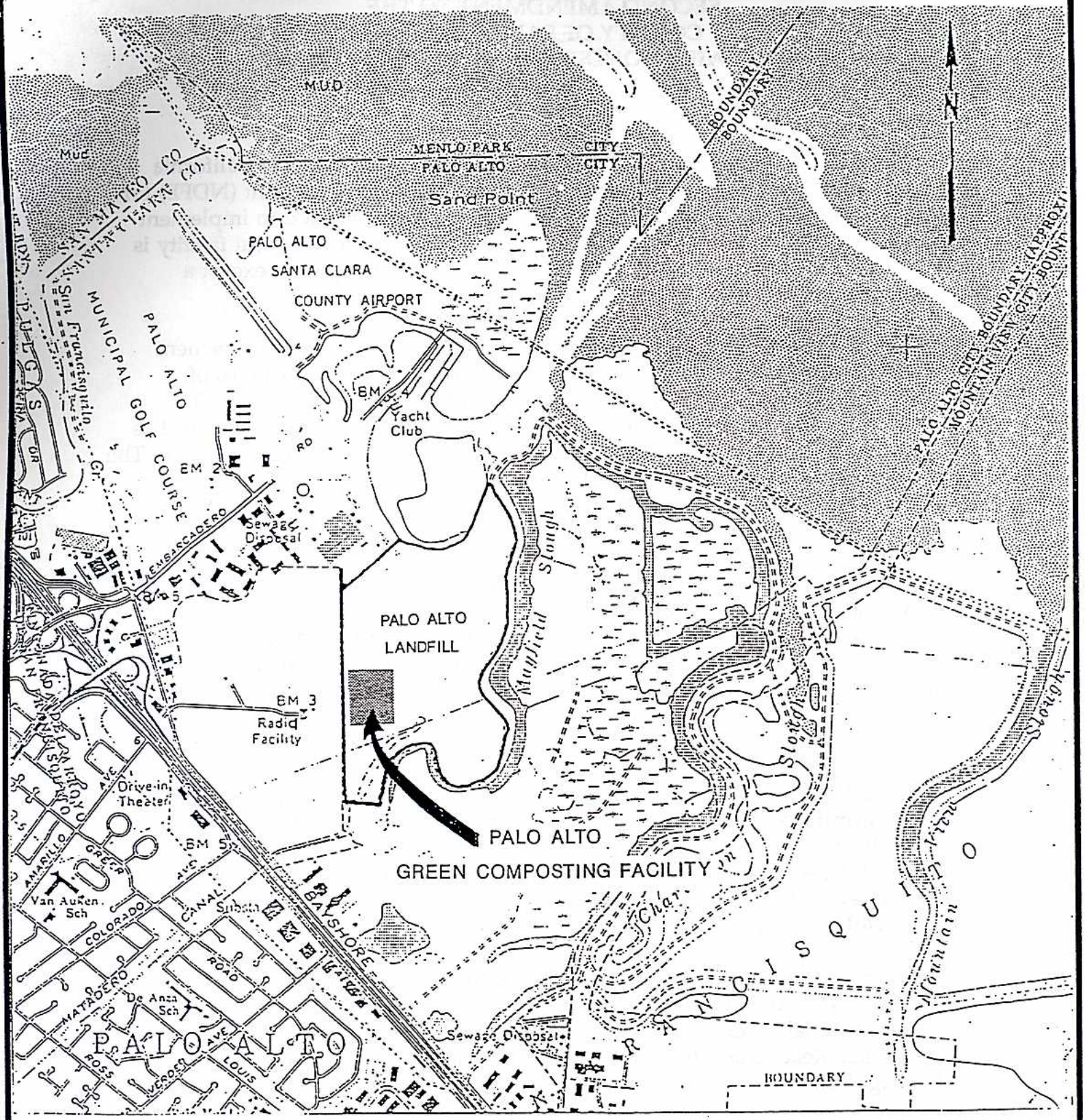
## The Sixteenth Amendment to the Countywide NDFE

Sunnyvale Food Materials Transfer/Processing Operations is in the process to apply for a Registration Tier permit from the County of Santa Clara Local Enforcement Agency (LEA). This Seventeenth Amendment to the Countywide NDFE (Amendment) is necessary in order for the LEA to find the proposed facilities in conformance and for the permit applications to be accepted as complete.

Maps and fact sheets for these facilities are attached as pages 70 – 71 of the amended NDFE.

Due to the change in amending NDFEs pursuant to AB341 (Chapter 4.5, Statutes of 2011, Chesbro, AB 341) there are no longer specific regulatory requirements for public noticing or approval that a jurisdictions must follow. As indicated by PRC Section 41735 (a), adoption of the Amendment is not subject to environmental review under the California Environmental Quality Act (CEQA). The Amendment supersedes and replaces the Sixteenth Amendment as the NDFE for the County of Santa Clara Unincorporated Area. It may be adopted by other jurisdictions.

FIGURE 1




| | | |
|---|---|---|
| DRAWN BY:<br>DATE:<br>CHEC'D BY:<br>DATE: | GREEN COMPOSTING FACILITY<br>LOCATION MAP | APPROVED BY:<br>PE NO.<br>DATE: |
| SCALE: NONE | City of Palo Alto | DRAWING NO. |

# Fact Sheet #1
# City of Palo Alto Green Composting Facility
# Palo Alto, California

## TYPE OF FACILITY:

The Palo Alto Green Composting Facility (Facility) is owned and operated by the City of Palo Alto (City). The Facility began operation in 1977 with the goal of extending the life of the Palo Alto Landfill by diverting yard waste brought to the landfill. The Facility accepts yard waste from City residents, non-residents, private gardeners, City crews, tree and landscape contractors working for the City, and county and state crews working on freeway landscaping within City limits. In 1990, the City began operating a full-scale curbside yard waste collection program for its residents. Acceptable yard waste includes leaves, grass clippings, plant and shrub trimmings, ivy, and tree parts. Once delivered to the Facility, the yard waste is ground up, cured in windrows, screened after completion; and. stored on-site before being transported to markets. The finished compost is used as a topsoil amendment in the City's landfill closure and is being sold to nurseries on the open market for retail sale to the public.

## FACILITY CAPACITY:

15,211 tons per year of green waste were accepted for processing at the Facility during 2001. In accordance with the Facility’s standardized composting facility permit, it has an estimated annual operation capacity of 17,000 tons (about 47 tons per day) with a peak loading capacity of 130 tons per day.

## ESTMATED DIVERSION RATE:

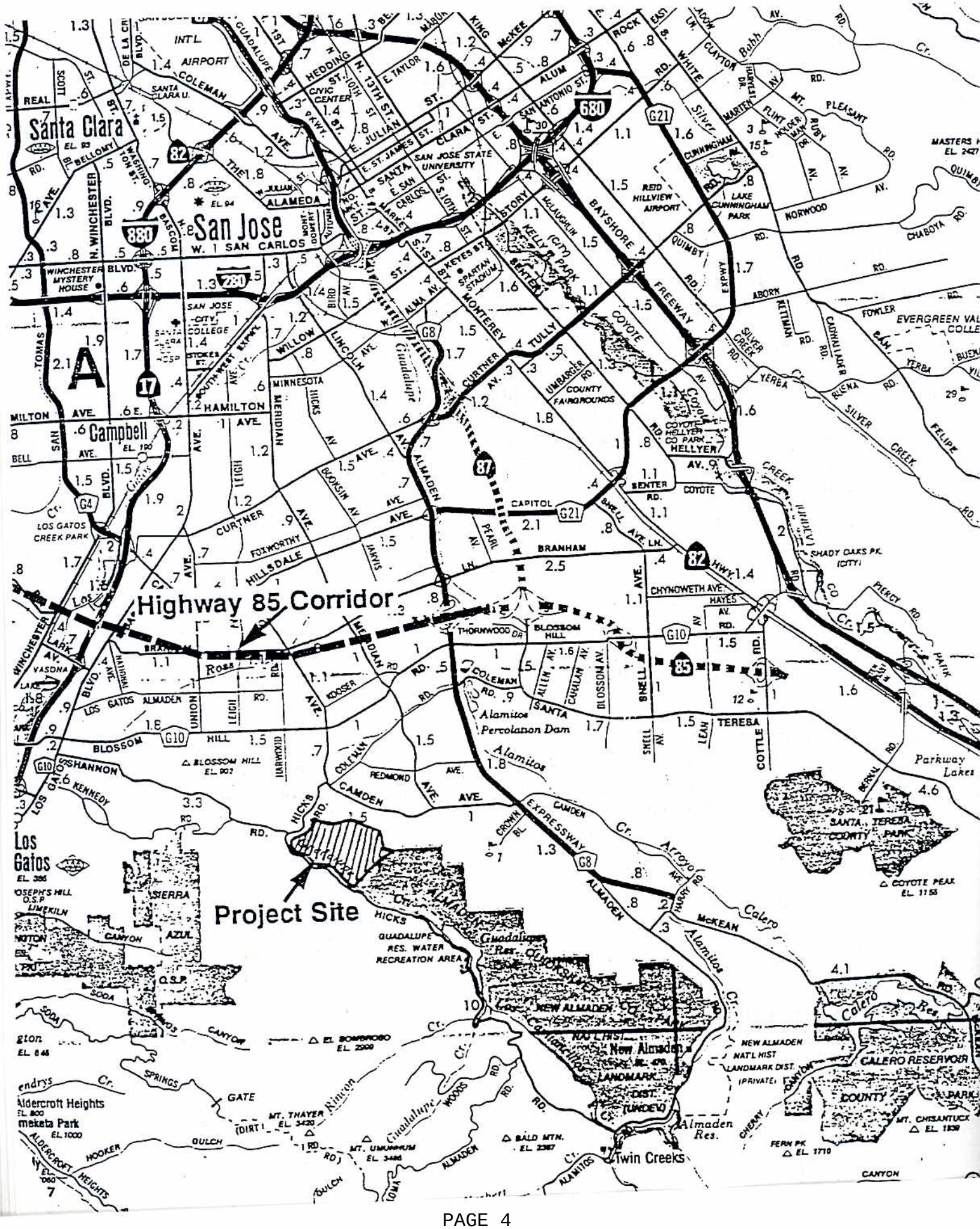
In 2001, total waste generated in the City was 197,130 tons. Based on these figures, the 2001 diversion rate for the facility was approximately 8% of the total City waste stream.

## JURISDlCTI0NS SERVED:

The Facility serves the County of Santa Clara. However, the Facility is primarily used by residents, businesses, and organizations that reside within the City of Palo Alto’s limits.

## FACILITY LOCATION:

The Facility is located in Santa Clara County within the footprint of the City of Palo Alto Landfill at 2380 Embarcadero Road, Palo Alto (see the attached map).


Highway 85 Corridor
Project Site
Santa Clara
San Jose
Campbell
Los Gatos
Alameda
Almaden
Alamitos
Calero
Twin Creeks
Almaden Res.
Calero Res.
Guadalupe Res.
Parkway Lakes
Santa Teresa County Park
Calero Reservoir
Guadalupe Res. Water Recreation Area
New Almaden Nat'l Hist Landmark Dist.
Lake Cunningham Park
Reid Hillview Airport
San Jose State University
Santa Clara U.
Intl Airport
Coleman
Bayshore Freeway
Expressway
Almaden Expy
Monterey
Tully
Capitol
Branham
Curtner
Hillsdale
Foxworthy
Meridian
Winchester
Lincoln
Willow
Hamilton
Milton
Bellomy
Alum Rock
Story
Keyes
Santa Teresa
Blossom Hill
Camden
Hicks
Kennedy
Shannon
Los Gatos Creek Park
Shady Oaks Pk. (City)
Evergreen Val. Colle
Coyote Peak El. 1153
Mt. Chisantuck El. 1539
Fern Pk El. 1710
Bald Mtn. El. 2367
Mt. Umunhum El. 3486
Mt. Thayer El. 3420
El Sombrero El. 2500
Aldercroft Heights
Meketa Park
Sierra Azul
Lake Cunningham Park
Masters
Quimby
Norwood
Chaboya
Fowler
Yerba Buena
Silver Creek
Cunningham
Ruby
Flint
Martin
Clayton
White
Rock
McKee
King
Alum
Hedding
Taylor
Julian
St. James
Santa Clara
Carlos
Market
Stevens Creek
Saratoga
Bascom
Winchester Mystery House
Tomas
Bellomy
Los Gatos Almaden
Blossom Hill
Branham
Camden
Redmond
Coleman
Hicks
Almaden
Alamitos
Calero
Arroyo
Cr.
Creek
Coyote
Hellyer
Senter
Snell
Cottle
Santa Teresa
Hayes
Chynoweth
Thornwood Dr
Blossom Hill
Meridian
Koofer
Union
Leigh
Lincoln
Bird
Curtner
Tully
Monterey
Almaden
Capitol
Branham

# Fact Sheet #2
# Guadalupe Landfill
# Material Recovery and Compost Processing Facility
# San Jose, California

## TYPE OF FACILITY:

The Guadalupe Landfill (Facility) is owned and operated by Guadalupe Rubbish Disposal Company, Incorporated. The Facility began operations as a sanitary landfill in 1956. The permitted Class III landfill has ongoing material recovery and compost processing operations. The Facility receives waste from all over Santa Clara County. Material recovery operations are conducted on the active face of the landfill. The composting processing facility area is currently undergoing environmental review and permitting procedures. The proposed compost facility would consist of a 7-acre yard and wood waste processing area and an 11-acre windrow composting area. The Facility currently accepts yard waste and clean wood waste from residential self-haulers, gardeners and landscapers, governmental landscape maintenance and road crews, and franchised and non-franchised municipal waste haulers. Once delivered to the Facility, yard waste is ground up and sold immediately to land application markets. The proposed compost facility permit would allow yard waste to be ground up, cured aerobically in windrows, screened after completion, and transported to markets. Wood waste is kept separate, ground up, and transported to wood fuel markets. All materials are received on a tipping fee basis. The Facility also recycles construction and demolition debris (soil, concrete, and asphalt) which is used on-site as construction materials and daily landfill cover.

## FACILITY CAPACITY:

The Facility has a maximum permitted disposal capacity of 3,375 tons per day. In 1993, the Facility landfilled approximately 356 tons per day. In the currently proposed permit, the maximum processing capacity of the compost facility is 672 tons of yard and wood waste per day.

## ESTMATED DIVERSION RATE:

In 1993, the Facility had a diversion rate of approximately 39.6% (129,919 tons of the 328,361 tons received at the landfill gate).

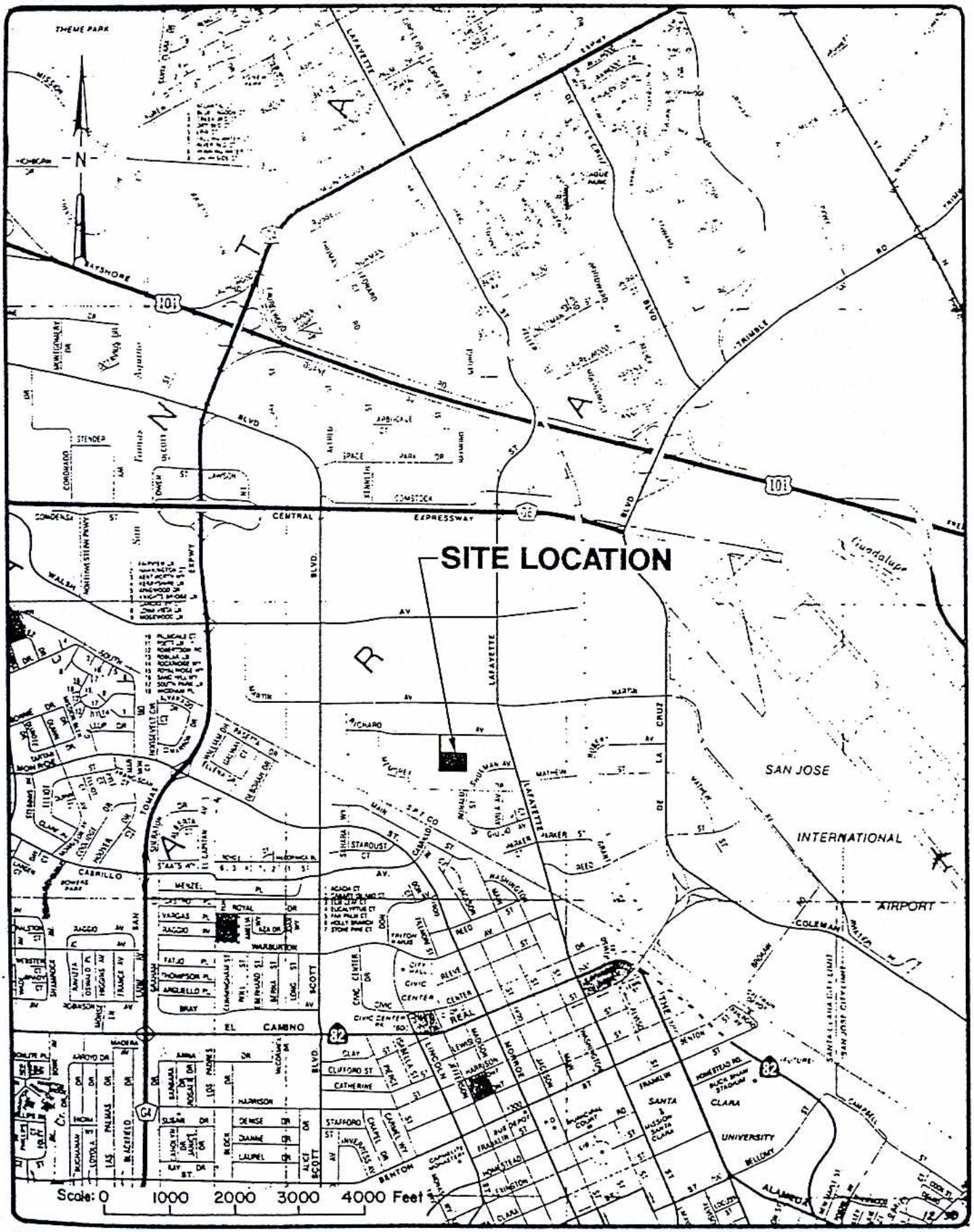
## JURISDICTI0NS SERVED:

The Facility serves all of Santa Clara County.

## FACILITY LOCATION:

The Facility is located in Southwestern San Jose, off Guadalupe Mines Road, in a canyon immediately north of Guadalupe Mines (see the attached map).

140789




EMCON Associates

MISSION TRAIL WASTE SYSTEMS
1100 RICHARD AVENUE
SANTA CLARA, CALIFORNIA

SITE LOCATION MAP

FIGURE 2

PROJECT NO. 479-02.02

# Fact Sheet #3
# Material Recovery Systems Facility
# Santa Clara, California

## TYPE OF FACILITY:

The Material Recovery Systems Facility (Facility) is owned by Rinauro Investment Properties and operated by Material Recovery Systems Incorporated. The Facility began operation in December of 1991. The Facility is a permitted 21,252 square foot (half-acre) transfer station that began operation in December of 1991. Prior to August 1996, the Facility received material from the City of Santa Clara's (City) curbside residential and multi-family recycling programs, the general public and commercial business. The Facility currently receives and processes recyclable materials from commercial/industrial businesses and the general public. The Facility accepts the following materials: construction and demolition debris, wood waste, glass, metals, plastics, paper, and any other commercial and industrial solid wastes. Materials are conveyer-fed through a sorting line and into a conveyer-fed baler. Materials recovered are shipped to brokers and markets which use them for manufacturing into new products. Residual materials and debris are transported and landfilled at a permitted facility.

## FACILITY CAPACITY:

The Facility is permitted to process a maximum of 375 tons of waste per day. The Facility currently processes an average of 80 tons per day.

## ESTMATED DIVERSION RATE:

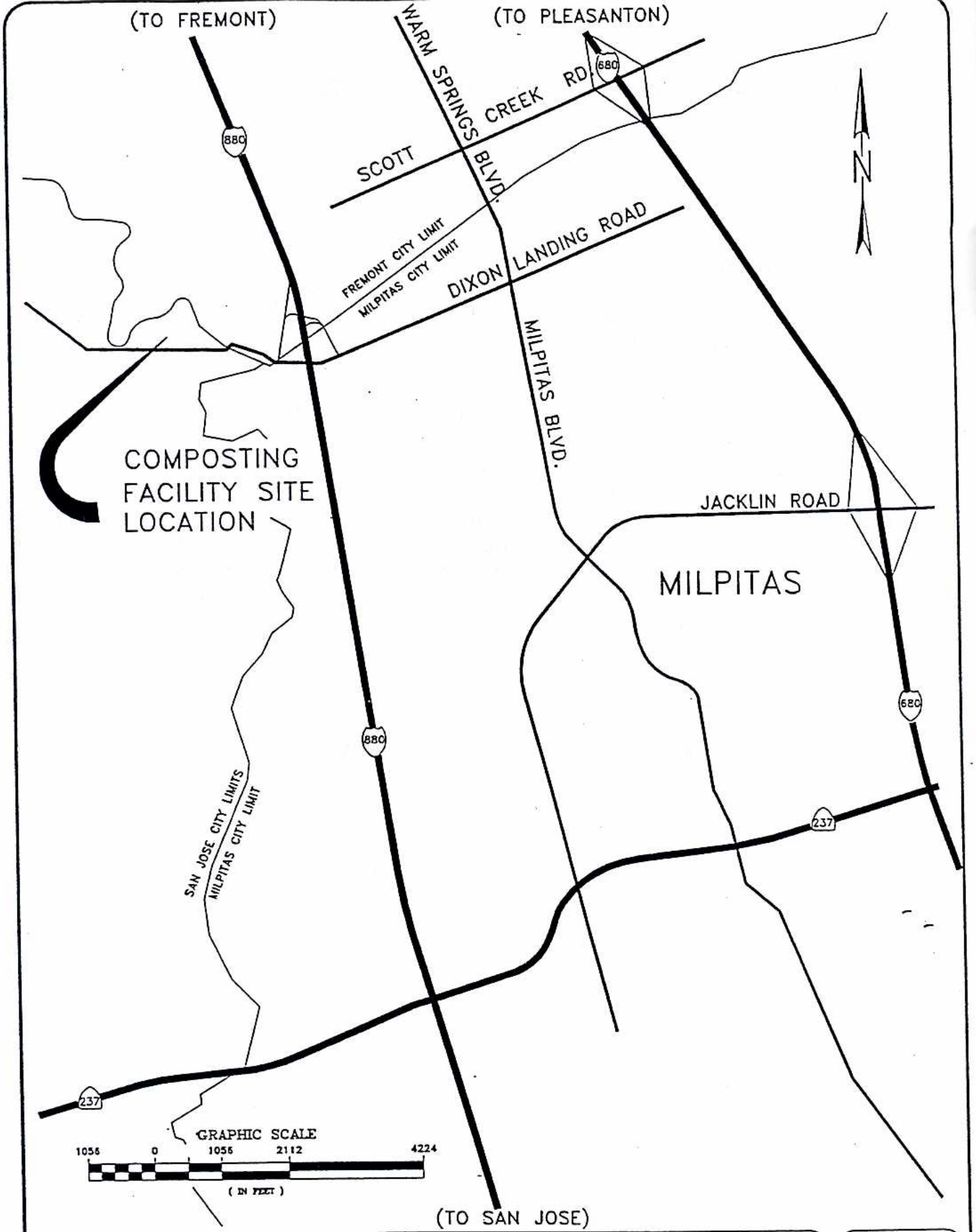
The current diversion rate for the Facility is approximately 20%. Prior to August 1996 the Facility had a diversion rate of approximately 40%.

## JURISDlCTI0NS SERVED:

The Facility serves all of Santa Clara County.

## FACILITY LOCATION:

The Facility is located at 1060 Richard Avenue, in an industrially zoned area of the City of Santa Clara (see the attached map). The Facility can be accessed from either 1060 Richard Avenue or 1313 Memorex Drive in Santa Clara.




JAMES A. WYSE INC.
WASTE MANAGEMENT CONSULTANTS

NEWBY ISLAND RECYCLERY
BROWNING-FERRIS INDUSTRIES, INC.
SAN JOSE, CALIFORNIA

SITE LOCATION MAP

FIGURE
1
PROJECT NO.
130-1.3

# Fact Sheet #4
# Newby Island Compost Facility
# San Jose, California

**TYPE OF FACILITY:**
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 a 10-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, 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 transported to wood fuel markets.

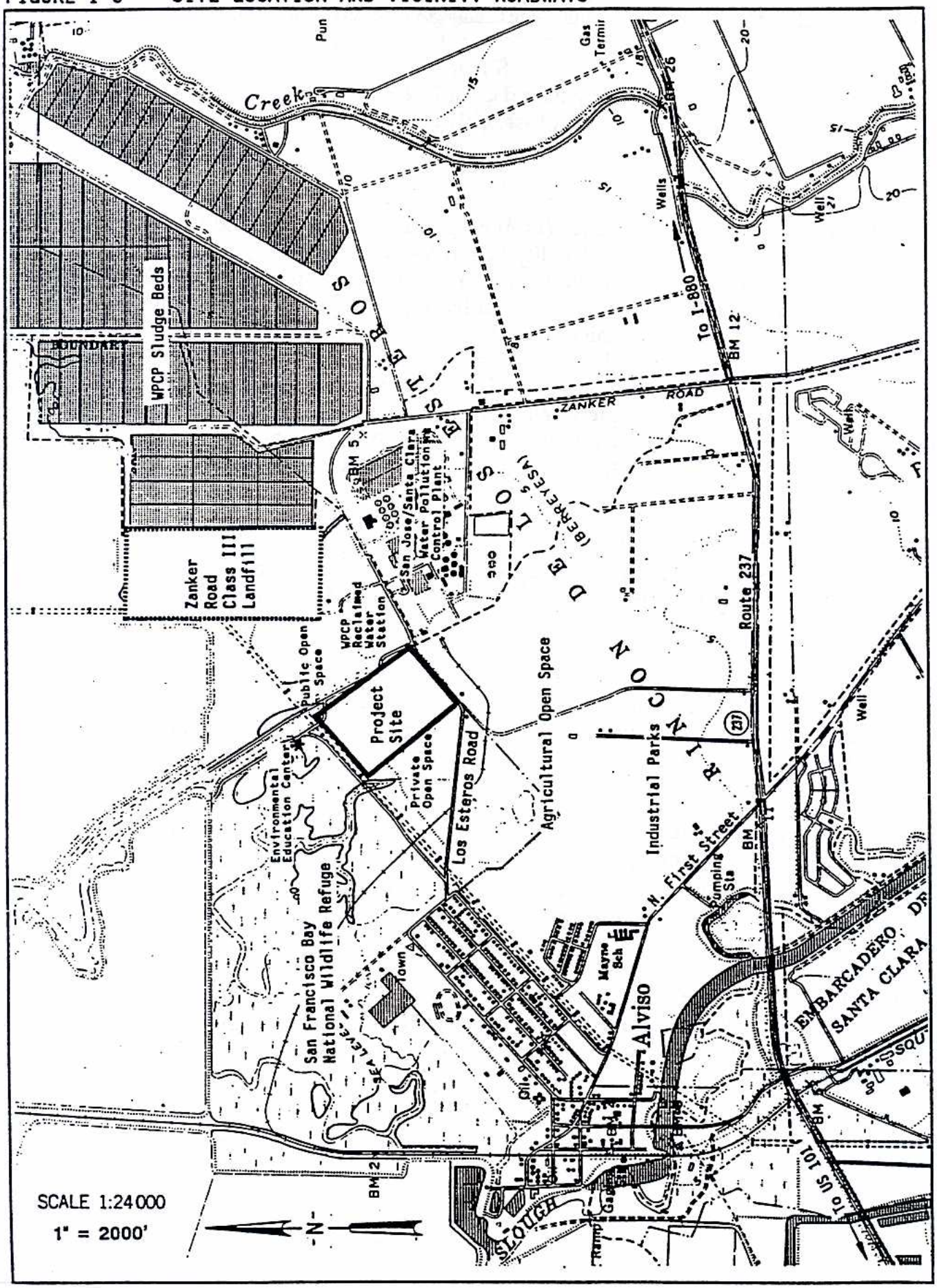
**FACILITY CAPACITY:**
The Facility is permitted to process a maximum of 500 tons of yard and wood waste per day. The Facility is currently processing approximately 300 tons of yard and wood waste per day.

**ESTMATED DIVERSION RATE:**
The Facility is currently diverting 99% (approximately 297 tons per day) of the material received for processing.

**JURISDlCTI0NS SERVED:**
The Facility currently serves all of Santa Clara County and portions of Alameda, Contra Costa and San Mateo counties. The Facility processes curbside yard waste for several jurisdictions in Santa Clara County.

**FACILITY LOCATION:**
The Facility is located adjacent to the Newby Island Landfill and the Recyclery at Newby Island, at 1601 Dixon Landing Road in north San Jose, just west of Highway 880 (see the attached map).

FIGURE I-5 -- SITE LOCATION AND VICINITY ROADWAYS



# Fact Sheet #5
# Zanker Material Processing Facility
# San Jose, California

## TYPE OF FACILITY:

The Zanker Material Processing Facility (Facility) is a resource recovery and landfill site located at 675 Los Esteros Road in San Jose, California. The 46-acre landfill site is located on an 88-acre parcel of land previously owned by Owens Corning Fiberglas Corporation. The site was used exclusively since 1956 for the disposal of manufacturing wastes from the Owens Corning manufacturing plant in Santa Clara, California. Zanker Road Resource Management, Ltd. (ZRRML) is currently the operator of the Facility on the site.

The site had historically been designated as a "candidate solid waste facility" and a "nonconforming land use" by the City of San Jose (City). In September of 1996, the City rezoned the property from M-1 (light manufacturing) to PD (planned development) to allow for the siting of the Facility. The City also certified an environmental impact report for the Facility, completing the environmental review process. ZRRML has obtained permits for the Facility from the City Department of Planning, Building, and Code Enforcement, the California Integrated Waste Management Board, the San Francisco Bay Regional Water Quality Control Board, and the Bay Area Air Quality Management District. The Facility has been in operation since 1999.

The Facility includes resource recovery operations for processing mixed construction and demolition material into secondary products such as road base, biomass fuel, landscape products (wood chips, wood fines, etc.), as well as metals, cardboard, and clean fill. The facility is open to the public for receipt of waste material and for the sale of finished products.

## FACILITY CAPACITY:

The Facility has a permitted gate capacity of 1,250 tons per day, and a maximum disposal capacity of 350 tons per day. It is estimated that the Facility landfills an average of 65 tons per day.

## ESTIMATED DIVERSION RATE:

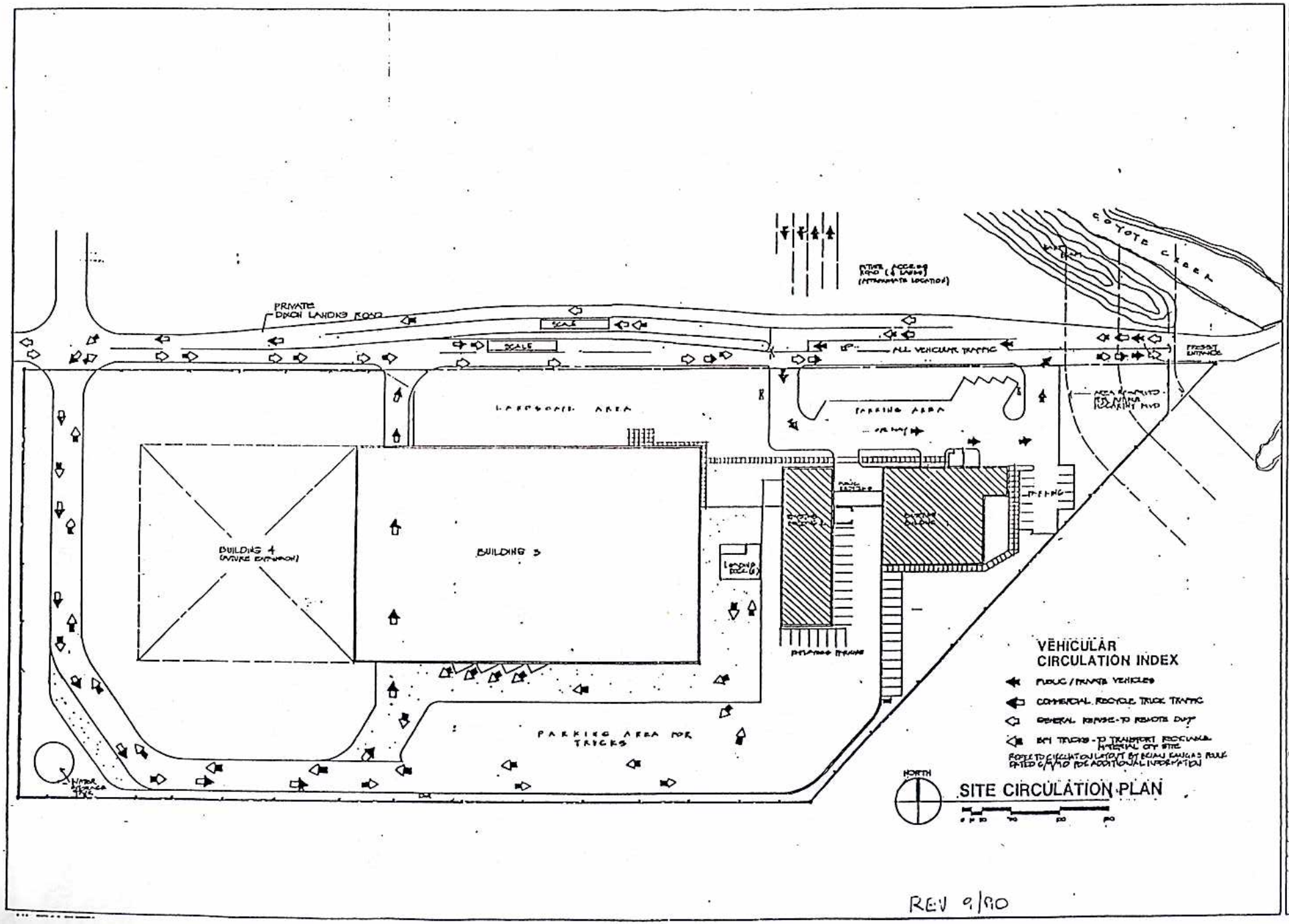
The Facility diverts, on an average, more than 85 percent of waste accepted at the gate.

## JURISDICTIONS SERVED:

The Facility serves all of Santa Clara County and all neighboring counties.

## FACILITY LOCATION:

The Facility is located at 675 Los Esteros Road in north San Jose, near the Zanker Road Landfill and the San Jose/Santa Clara Water Pollution Control Plant (see the attached map).


PRIVATE DIXON LANDING ROAD
SCALE
SCALE
ALL VEHICULAR TRAFFIC
COYOTE CREEK
LANDSCAPED AREA
PARKING AREA
BUILDING 4 (FUTURE EXPANSION)
BUILDING 3
PARKING AREA FOR TRUCKS
VEHICULAR CIRCULATION INDEX
PUBLIC / PRIVATE VEHICLES
COMMERCIAL RECYCLE TRUCK TRAFFIC
GENERAL REFUSE - TO REMOTE DUMP
BIG TRUCKS - TO TRANSPORT RECYCLABLE MATERIAL OFF SITE
NORTH
SITE CIRCULATION PLAN
REV 9/90
Beman & Shultz Architects
SITE CIRCULATION PLAN
The Recyclery
San Jose
PD 3A

# Fact Sheet #6
# The Recyclery at Newby Island
# San Jose, California

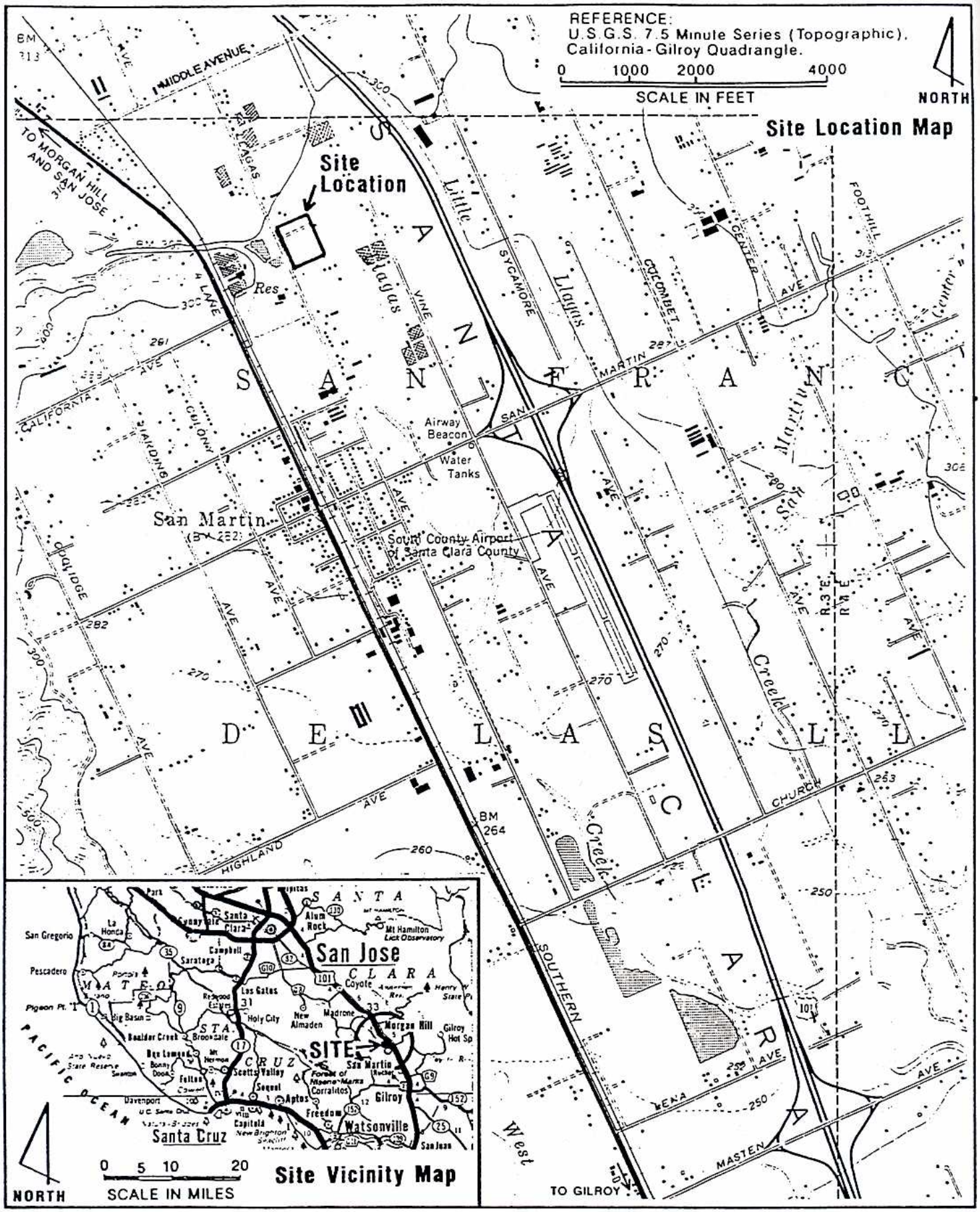
**TYPE OF FACILITY:**
The Recyclery at Newby Island (Facility) is an 80,000 square foot materials recovery facility owned and operated by Browning Ferris Industries. The permitted Facility began operation in 1991, and includes both a manual sorting system and a semi-automated sorting system. The Facility processes both commingled (mixed) and source separated loads from residential and commercial recycling programs. The Facility also diverts loads of clean wood waste to other parts of the site to be processed and sold as Pro-Chip Mulch or wood fuel.

**FACILITY CAPACITY:**
The Facility is permitted to process a maximum of 1,600 tons per day. The Facility is currently processing approximately 1,000 tons per day.

**ESTMATED DIVERSION RATE:**
The Facility is currently diverting 90% (approximately 900 tons per day) of the material received for processing.

**JURISDlCTI0NS SERVED:**
The Facility serves all of Santa Clara County and portions of Alameda, Contra Costa and San Mateo counties. The Facility processes curbside and commercial recyclables for several jurisdictions in Santa Clara County. The buy-back and public education center is open to the general public.

**FACILITY LOCATION:**
The Facility is adjacent to the Newby Island Landfill and is located at 1601 Dixon Landing Road in north San Jose, just west of Highway 880, near the southeastern end of the San Francisco Bay, (see the attached map).




**Harding Lawson Associates**
Engineering and Environmental Services

**Site Location Map**
Report of Station Information
San Martin Transfer Station
Santa Clara County, California

PLATE **1**

| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| RPS | 21371.2 | KMH | 11/92 | |

# Fact Sheet #7
# San Martin Transfer and Recycling Station
# San Martin, California

## TYPE OF FACILITY:

The San Martin Transfer and Recycling Station (Facility) is owned and operated by Recology South Valley. The permitted 8-acre Facility began operations in 1968 along with the San Martin Landfill, and continued to operate after the landfill closed in 1971. The Facility accepts residential and commercial refuse, recyclables, organics, inerts and construction and demolition debris. Used motor oil and home-generated sharps are accepted from the public. Oil is limited to five gallons per container and 15 gallons per delivery. All materials are accepted through the scalehouse. The Facility salvages recyclable materials from the incoming waste stream. Wastes are handled separately from source separated recyclables and organics. Wastes are loaded into transfer trailers and hauled to a permitted solid waste disposal facility. Recyclables and organics are hauled to alternative processing or composting facilities.

## FACILITY CAPACITY:

The facility is permitted to process a maximum of 500 tons of solid waste per day. The facility has no permit limits on the quantity of recyclable (curbside, inert, organics, cardboard, etc.) materials processed. The Facility currently processes approximately 250 tons of material per day. This facility is proposed to be closed in 2013 and will be replaced by the Pacheco Pass Transfer Station.

## ESTIMATED DIVERSION RATE:

The Facility currently diverts over 50% of the incoming material each day. Non-recyclable materials are transferred to a permitted disposal site.

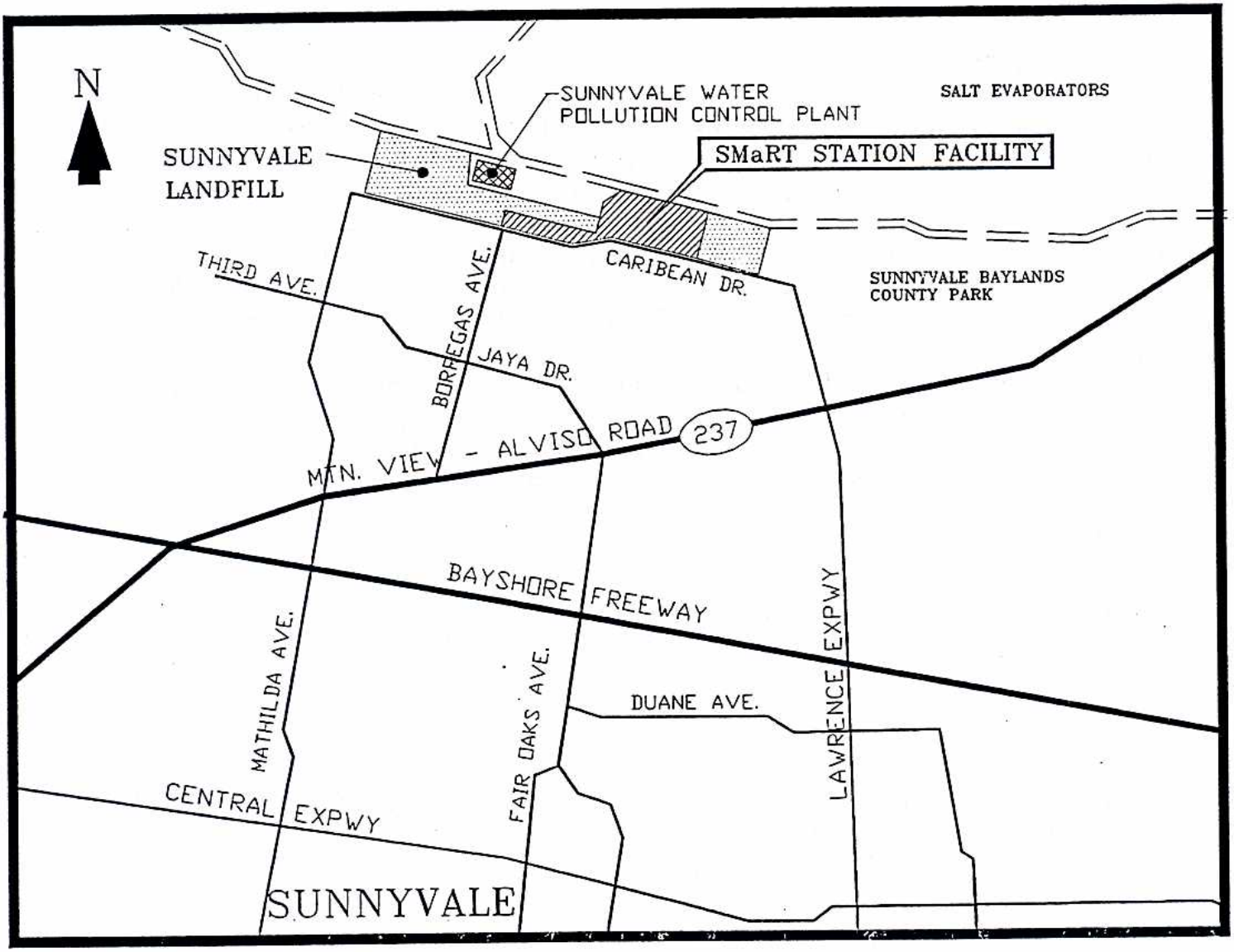
## JURISDICTIONS SERVED:

The Facility serves all of Santa Clara County. The Facility primarily serves the cities of Gilroy and Morgan Hill, the community of San Martin, other unincorporated areas of southern Santa Clara County and portions of northern San Benito County.

## FACILITY LOCATION:

The Facility is located at 14070 Llagas Avenue, in the unincorporated community of San Martin in southern Santa Clara County (see attached map).

FIGURE 2




LOCATION MAP

| | | |
|---|---|---|
| DRAWN BY: JA<br>DATE:<br>CHEC'D BY:<br>DATE: | SMaRT STATION FACILITY<br>LOCATION MAP | APPROVED BY:<br>PE NO.<br>DATE: |
| SCALE: NONE | City of Palo Alto | DRAWING NO. |

# Fact Sheet #8
# The Sunnyvale Materials Recovery and Transfer Station
# Sunnyvale, California

## TYPE OF FACILITY:

The Cities of Palo Alto and Mountain View are partners with the City of Sunnyvale for the development and operation of the Sunnyvale Materials Recovery and Transfer (SMaRT) Station (Facility). Sunnyvale managed the design and construction, and oversees the operation of the Facility. Palo Alto and Mountain View pay a proportionate share of the construction and operating costs based on the amount of municipal solid waste delivered to the Facility by the cities designated haulers. Completed in 1993, the permitted Facility is being used by the three cities to meet the state mandated goal of 50% waste reduction by the year 2000. When in full operation (scheduled for 1994), the Facility's primary function will be as a materials recovery facility. The Facility will receive and process curbside recyclables from the cities of Sunnyvale and Mountain View and will include a buyback recycling center. The Facility will also receive and process loads of municipal solid waste and recover materials from the incoming waste stream for the three participating cities. Recovered materials will be sent to brokers and markets which will use them for compacted, loaded, and hauled 27 miles south to the Kirby Canyon Recycling and Disposal Facility in south San Jose.

## FACILITY CAPACITY:

The facility is permitted to process a maximum of 1500 tons of material per day. The facility currently processes approximately 900 tons of material per day. Allocation quantities for delivery of waste to the Facility are shown in Exhibit A.

## ESTIMATED DIVERSION RATE:

Based on the terms of the agreement between the City of Sunnyvale and the Facility operator, the guaranteed diversion rate for the Facility is 25%. However, this guarantee is subject to adjustment based on the quantities of recyclable materials present in the municipal solid waste delivered to the Facility.

## JURISDICTIONS SERVED:

The Facility serves all of Santa Clara County. The Facility primarily serves the cities of Sunnyvale, Palo Alto and Mountain View.

## FACILITY LOCATION:

The Facility is located in Santa Clara County, on City of Sunnyvale-owned property, northeast of the intersection of Caribbean Drive and Borregas Avenue, adjacent to the Sunnyvale Landfill, the Sunnyvale Water Quality Control Plant and the San Francisco Bay (see attached map).

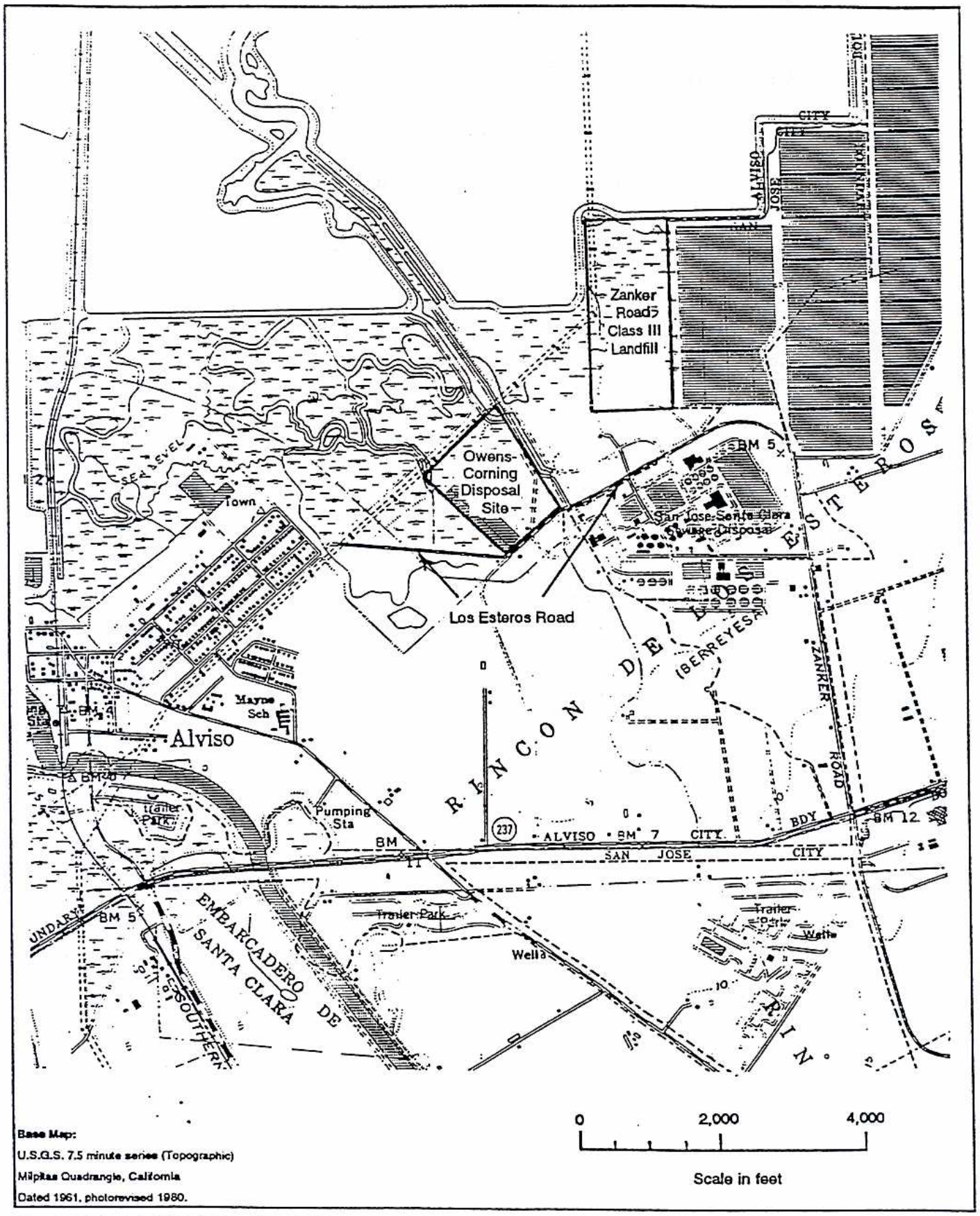
SUNNYVALE MATERIAL RECOVER AND TRANSFER STATION

EXHIBIT A

Annual City Minimum Tonnage Commitment

| YEAR | Sunnyvale | Mountain View | Palo Alto | TOTAL |
|---|---|---|---|---|
| 1993* | 72,465 | 39,403 | 26,011 | 137,879 |
| 1994 | 140,361 | 66957 | 52,207 | 259,525 |
| 1995 | 135,7(X) | 67,469 | 52,475 | 255,644 |
| 1996 | 132,873 | 68,277 | 50,949 | 252,099 |
| 1997 | 129,925 | 69,096 | 49,386 | 248,407 |
| 1998 | 126,922 | 69,926 | 47,787 | 244,635 |
| 1999 | 123,864 | 47,196 | 46,151 | 217,210 |
| 2000** | 60,374 | 23,873 | 22,239 | 106,486 |
| TOTAL | 922,484 | 452,196 | 347,205 | 1,721,885 |

* Assumes deliveries begin July 1, 1993
** Assumes deliveries end June 30, 2000




Base Map:
U.S.G.S. 7.5 minute series (Topographic)
Milpitas Quadrangle, California
Dated 1961, photorevised 1980.

ZANKER
Road Landfill
Zanker Road Resource Management, Ltd.

Owens-Corning Disposal Site
Zanker Road Resource Management, Ltd.
San Jose, California

**Figure 1: Vicinity Map**

# Fact Sheet #9
# Zanker Road Class III Landfill
# San Jose, California

## TYPE OF FACILITY:

The Zanker Road Class III Landfill (Facility) began operations in 1985 on a site formerly known as the Nine-Par Disposal Site (from 1934-1977). The 70-acre Facility (46 acres permitted for landfilling) is owned and operated by Zanker Road Resource Management, Ltd. The Facility is permitted to accept non-hazardous and non-putresible solid wastes for processing. These wastes consist mainly of construction and demolition debris, (such as soil, asphalt, concrete, rebar and wood waste) yardwaste, metals, glass, plastic, and paper. The primary activities conducted at the Facility involve extensive resource recovery and recycling. Currently, there are five recycling operations that take place at the Facility: (1) sorting, splitting, chipping, screening, composting, stockpiling, and resale of wood waste; (2) separating, crushing, stockpiling, and resale of concrete waste; (3) hand separating recyclable materials from the incoming waste stream; (4) grinding and resale of wallboard waste (gypsum); (5) processing, screening, composting, and resale of yard waste compost products. The residual solid waste after processing is landfilled on site.

## FACILITY CAPACITY:

The facility is permitted to landfill a maximum of 350 tons of waste per day. In 2002, an average of approximately 40 tons of waste was landfilled each day.

## ESTIMATED DIVERSION RATE:

In 2002, the Facility received an average of approximately 800 tons per day for processing, and approximately 94% of the material was diverted from disposal.

## JURISDICTIONS SERVED:

The Facility serves all of Santa Clara County and all neighboring counties.

## FACILITY LOCATION:

The Facility is located at 705 Los Esteros Road in north San Jose off of Highway 237, near the southeastern end of the San Francisco Bay (see the attached map).

# Fact Sheet #10
# Dunne Ranch Composting Facility

Deleted with the Fourth Amendment
December 1999

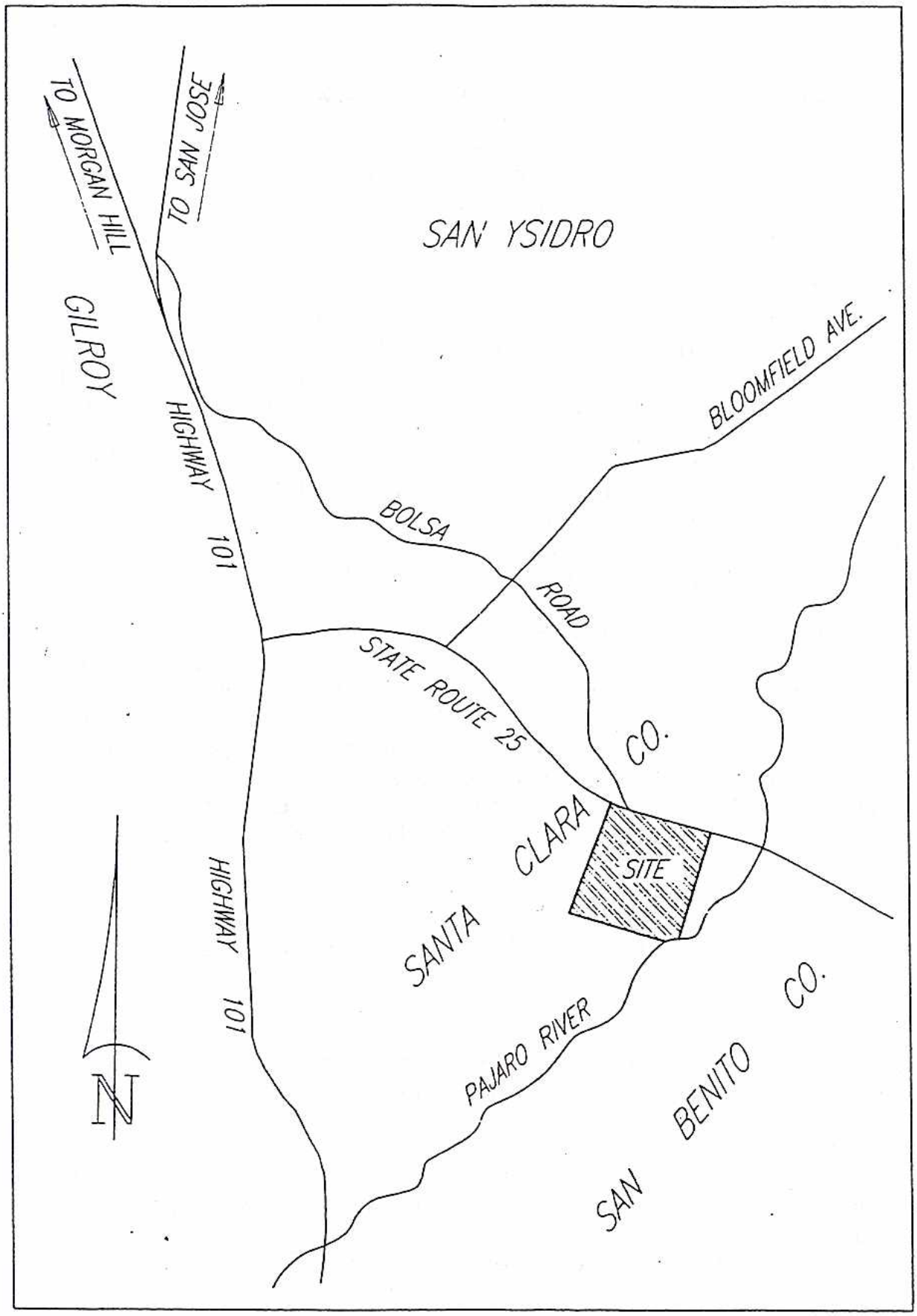



EXHIBIT PREPARATION BY: BELLECCI & ASSOCIATES, INC.

Z–BEST COMPOSTING FACILITY

# VICINITY MAP

SANTA CLARA COUNTY CALIFORNIA

# Fact Sheet #11
# Z-Best Composting Facility
# Gilroy, California

**TYPE OF FACILITY:**
The proposed Z-Best Composting Facility (Facility) is a proposed green waste composting facility that will be owned and operated by Zanker Road Resource Management, Ltd. The operators are currently seeking permits form the County of Santa Clara Department of Planning and Development, the County of Santa Clara Department of Environmental Health, the California Integrated Waste Management Board, the Central Coast Regional Water Quality Control Board, and the Bay Area Air Quality Management District. The operators expect to begin operations in the Fall of 1997. The 70-acre Facility is situated on a 157-acre parcel. The Facility will accept source-separated green waste, agricultural by-products, and other permitted organic materials from municipal collection programs, licensed contractors, and local agricultural operations. The Facility will not be open to the general public. Materials received at the Facility will be processed (screened or ground) and composted using an aerated windrow method. Finished compost will be cured, screened, temporarily stored on site, and transported to market as needed.

**FACILITY CAPACITY:**
The facility will have an estimated maximum processing capacity of 500 tons per day and is anticipated to accept an average of 200 tons per day.

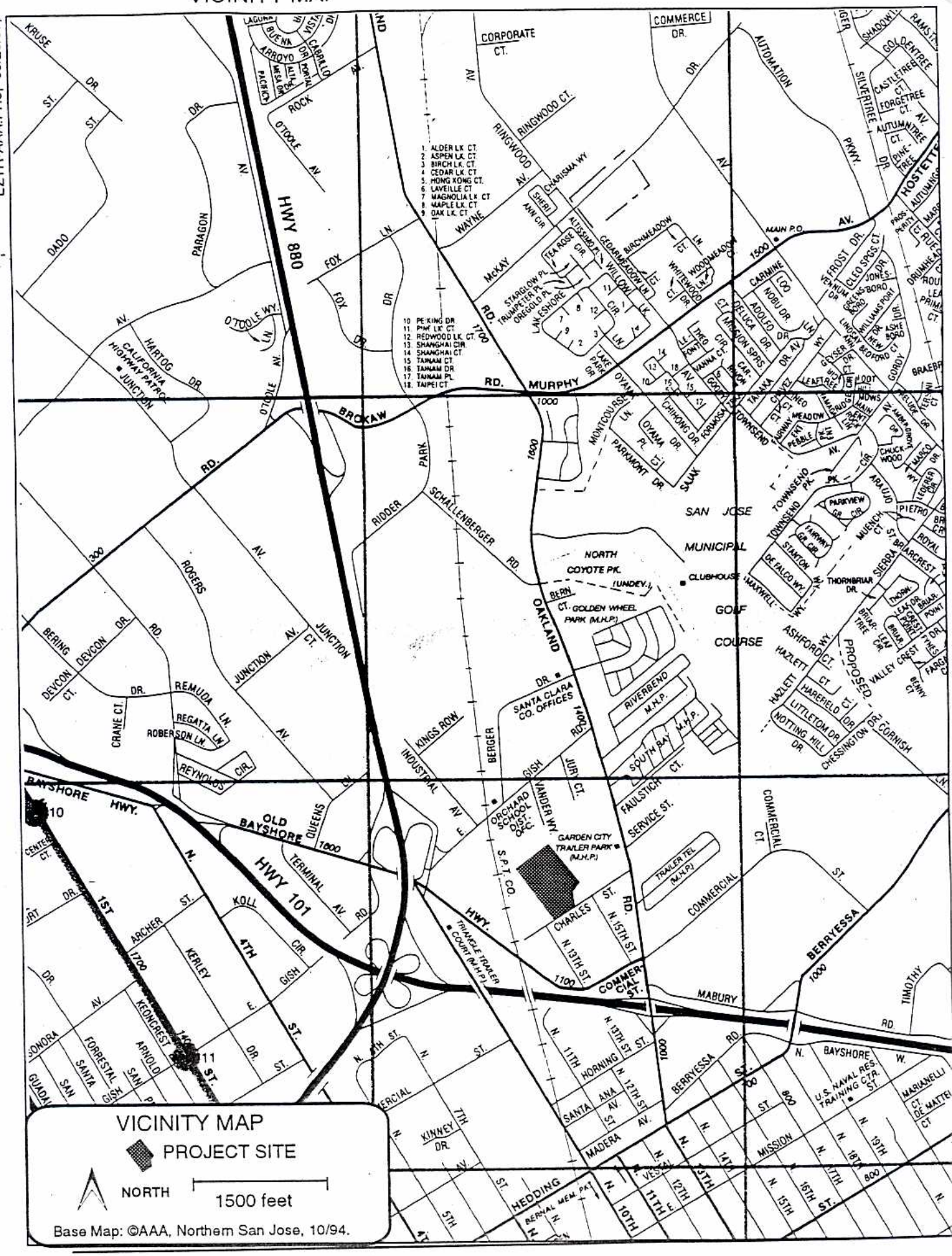
**ESTIMATED DIVERSION RATE:**
The Facility will receive only materials that can be composted and therefore will have nearly a 100 percent diversion rate. Anticipated annual diversion would be an estimated 52,800 tons per year (based on 200 tons per day).

**JURISDICTIONS SERVED:**
The Facility would serves all of Santa Clara County as well as the surrounding south San Francisco Bay Area.

**FACILITY LOCATION:**
The Facility is located on the south side of Highway 25 at its intersection with Bolsa Road, which is between the cities of Gilroy and Hollister (see the attached map).

# VICINITY MAP

EZTR-AAA.FH5, 03/20/97,



# Fact Sheet #12
# GreenWaste Recovery Facility
# San Jose, California

## TYPE OF FACILITY:

The proposed GreenWaste Recovery Facility (Facility) is owned by GreenWaste Recover, Incorporated. The Facility, which is approximately 6 acres in size, began operation in 1995 under a Conditional Use Permit from the City of San Jose. The Facility's primary function will be to recover recyclable materials from the waste stream for further processing and marketing. The Facility will operate a curbside recyclables processing operation, a yard waste transfer operation, and a debris box sorting and recycling operation. All sorting operations will be conducted inside a 40,250 square foot building. Materials which are sorted for recycling will be shipped to other recycling operations for further processing and marketing. The remaining waste will be shipped to permitted landfills for disposal. The Facility will also include the offices, collection vehicle parking, and maintenance facilities of GreenWaste Recovery and its associated businesses.

## FACILITY CAPACITY:

The facility will be permitted to accept a maximum processing of 934 tons of compostable waste per day, with a weekly maximum of 4,200 tons. The Facility will be permitted to allow any combination of the following waste categories: curbside recyclables, debris box recycling, yard waste, commercial recyclables, and pre- and post-consumer food wastes from commercial, industrial, and residential sources.

## ESTIMATED DIVERSION RATE:

The anticipated diversion rate for the Facility is approximately 84%.

## JURISDICTIONS SERVED:

The Facility will serve all of Santa Clara County, northern San Benito County, and southern San Mateo County.

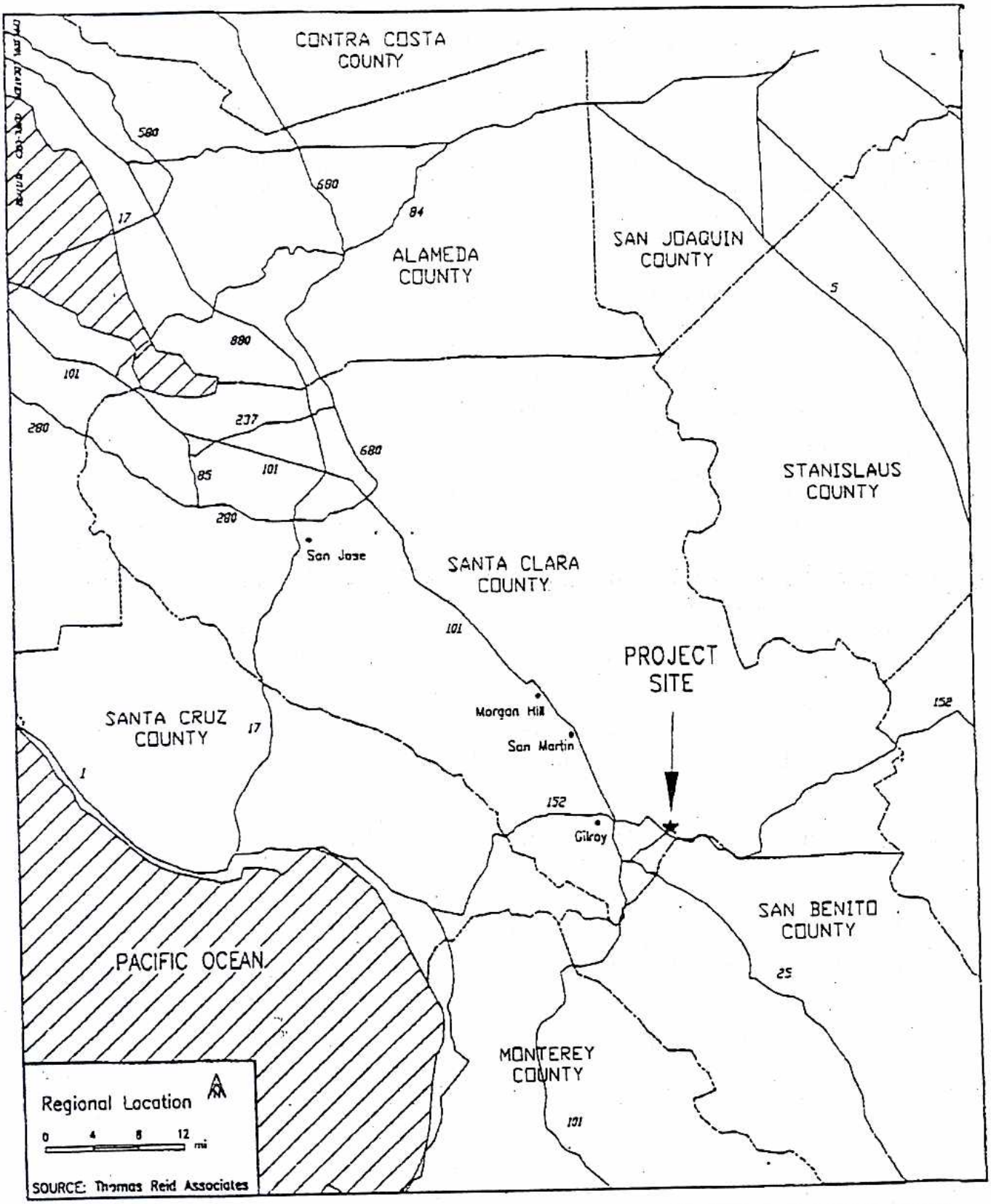
## FACILITY LOCATION:

The Facility is located at 625 Charles Street, in San Jose. Charles Street can be reached by Old Oakland Road, east of Highway 101, or by Commercial Street, just south of Highway 880 interchange (see the attached map).

# Fact Sheet #13
# ComCare Farms Composting Facility

Deleted with the Eighth Amendment
February 2010

**Project Location Map**



# Fact Sheet #14
# South Valley Organics Composting Facility at Recology Pacheco Pass, Santa Clara County, California

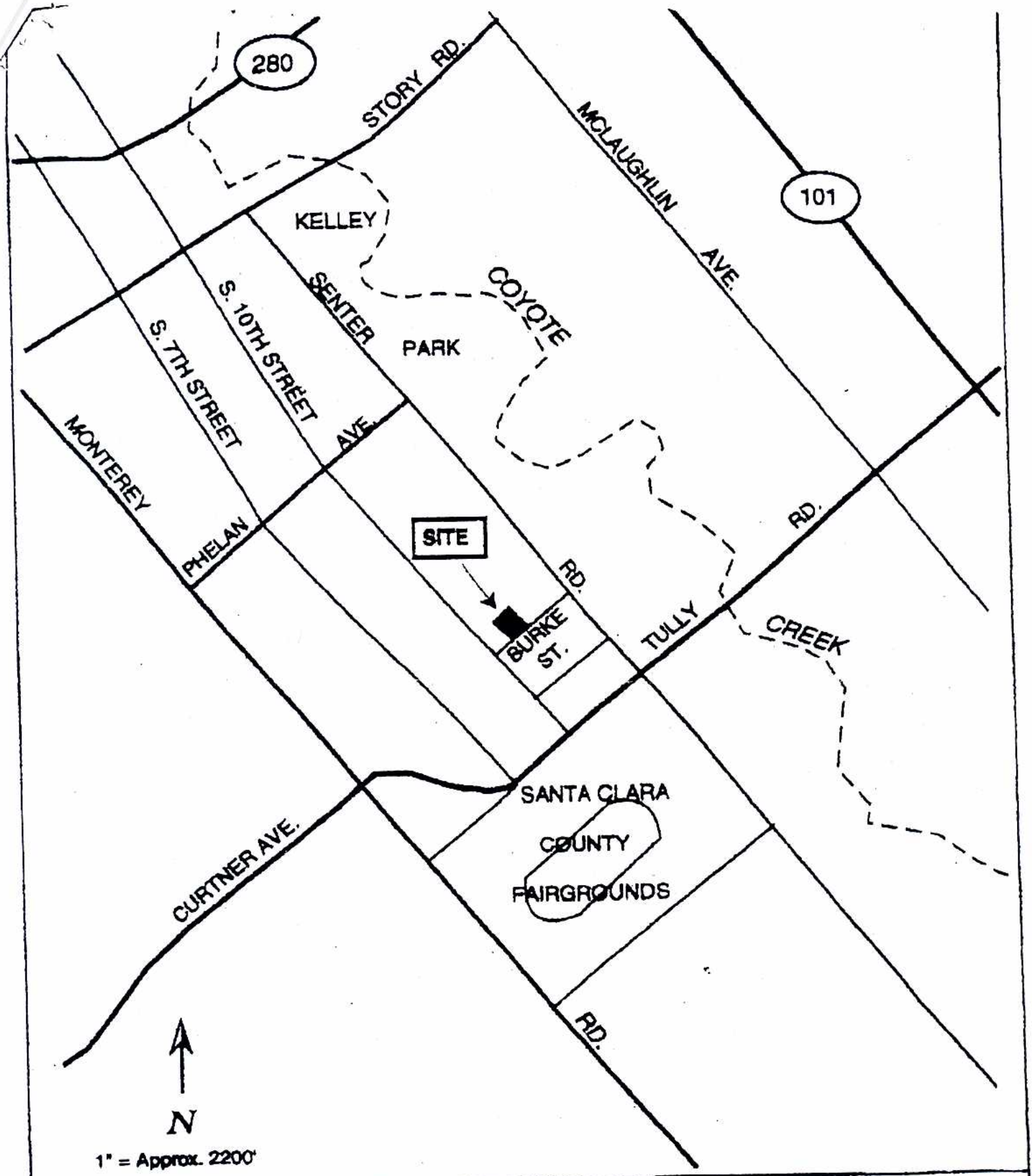
**TYPE OF FACILITY:**
The South Valley Organics Composting Facility is owned and operated by Recology Pacheco Pass. The Facility has received an Conditional Use Permit and Architectural Site Approval from the County of Santa Clara Department of Planning, a Full Compost Facility Permit (SWFP) from the County of Santa Clara Department of Environmental Health, a Waiver of Waste Discharge Requirements from the Central Coast Regional Water Quality Control Board, and a Permit to Operate from the Bay Area Air Quality Management District. The Facility accepts green waste, food waste, agricultural waste, and manure from Recology South Valley, and from other commercial haulers in the region. At the Facility, the material is actively composted using either windrow or in-vessel technology, prepared for market, and stored until delivered to markets. Finished product can be used on the site as a topsoil amendment for site revegetation and landfill closure.

**FACILITY CAPACITY:**
The Facility is designed to accommodate 450 tons average and 750 tons peak daily feedstock, or 117,000 tons annually.

**ESTIMATED DIVERSION:**
The anticipated diversion rate for the material received at the facility is 100%.

**JURISDICTIONS SERVED:**
The Facility serves jurisdictions within Santa Clara, San Benito, and other Bay Area Counties.

**LOCATION:**
The Facility is located at 3675 Pacheco Pass Road, in the southern portion of unincorporated Santa Clara County, and is within the boundaries of the Recology Pacheco Pass facility (see the attached map).




VICINITY MAP

**Butterick Enterprises Recyclery**
**San Jose, California**

**Fact Sheet #15**
**Butterick Enterprises Recyclery**
**San Jose, California**

**TYPE OF FACILITY:**
The proposed Butterick Enterprises Recyclery (Facility) is owned by Butterick Enterprises. The Facility, which is 1.87 acres in size, began operation in 1989 as a materials recovery and transfer facility. A Conditional Use Permit for the Facility was issued in January 2000 by the City of San Jose. The Facility's primary function will be to recover recyclable materials from the waste stream for further processing and marketing. All sorting operations will take place outside. Materials sorted for recycling will be shipped to other recycling operations for further processing and marketing. The remaining waste will be shipped to permitted landfills for disposal. The Facility will also include the offices, collection vehicle parking, bin storage, and maintenance facilities for the operation.

**FACILITY CAPACITY:**
The Facility will be permitted to accept a maximum of 25,000 tons per year, with a monthly maximum of 3,100 tons. The Facility will be permitted to allow any combination of the following waste categories: debris box recycling, commercial, industrial, and residential recyclables. The site is not permitted to accept hazardous material, green waste, brush, garbage, or food waste.

**ESTIMATED DIVERSION:**
The anticipated diversion rate for the Facility is approximately 70%.

**JURISDICTIONS SERVED:**
The Facility will serve all of Santa Clara County.

**LOCATION**:
The Facility is located at 505 Burke Street, San Jose. Burke Street can be reached off Tully Road from Highway 101 (see the attached map).

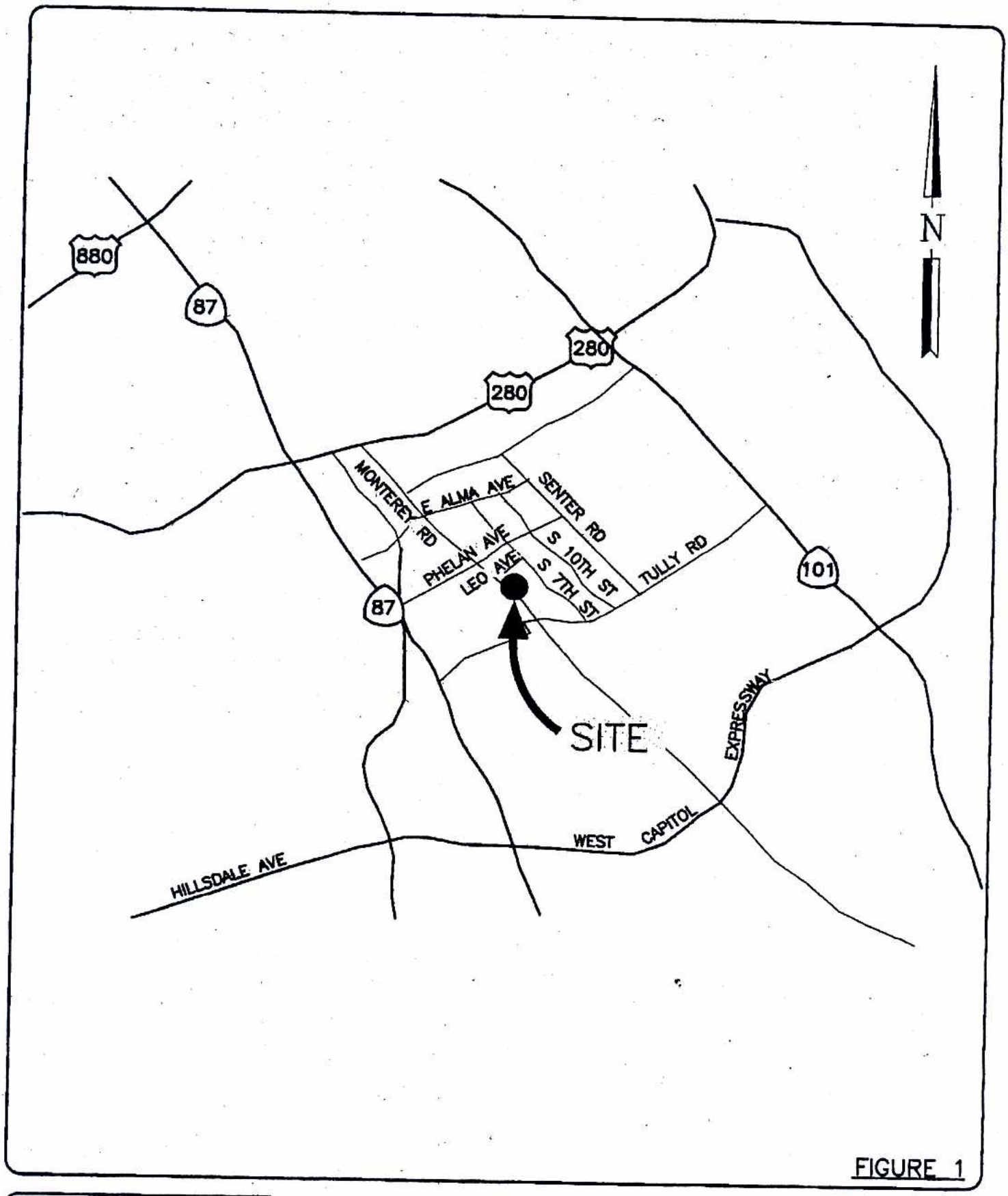



FIGURE 1

| | | |
|---|---|---|
| BAS (909) 860-7777<br>BRYAN A. STIRRAT & ASSOCIATES<br>CIVIL AND ENVIRONMENTAL ENGINEERS<br>1360 VALLEY VISTA DRIVE DIAMOND BAR, CA 91765 | PREMIER RECYCLING FACILITY<br>**VICINITY MAP** | JOB NO. 2000.019-200<br>DATE 2-2000<br>DRAWN BY J.J.G<br>FILE NAME 02082DB. |

**Fact Sheet #16**
**Premier Recycling Facility**
**San Jose, California**

**TYPE OF FACILITY:**
The proposed Premier Recycling Facility (Facility) is owned by Premier Recycling and is a proposed large volume transfer/processing facility. The Facility, which is 1.44 acres in size, began operation in 1997 as a construction/demolition materials recyclery. The Facility's primary function will be to recover recyclable materials from construction/ demolition activities for further processing and marketing. All sorting operations will take place outside. Sorted recyclable materials will be shipped to other recycling operations for further processing and marketing. The residual waste will be transported to a permitted landfill for disposal. The Facility will also include an office, transfer vehicle parking, and maintenance facilities for the operation.

**FACILITY CAPACITY:**
The Facility will accept approximately 300 tons per day / 93,000 tons per year, or as specified in the most recently issued Solid Waste Facilities Permit (SWFP). The Facility will accept various recyclables including cardboard, scrap metal, wood, sheetrock, concrete, and other non-putrescrible commercial/ demolition waste. The maximum inflow rate and the type and quantities of materials and the facility operations will be governed by the SWFP issued by the City of San Jose Code Enforcement, Local Enforcement Agency Program.

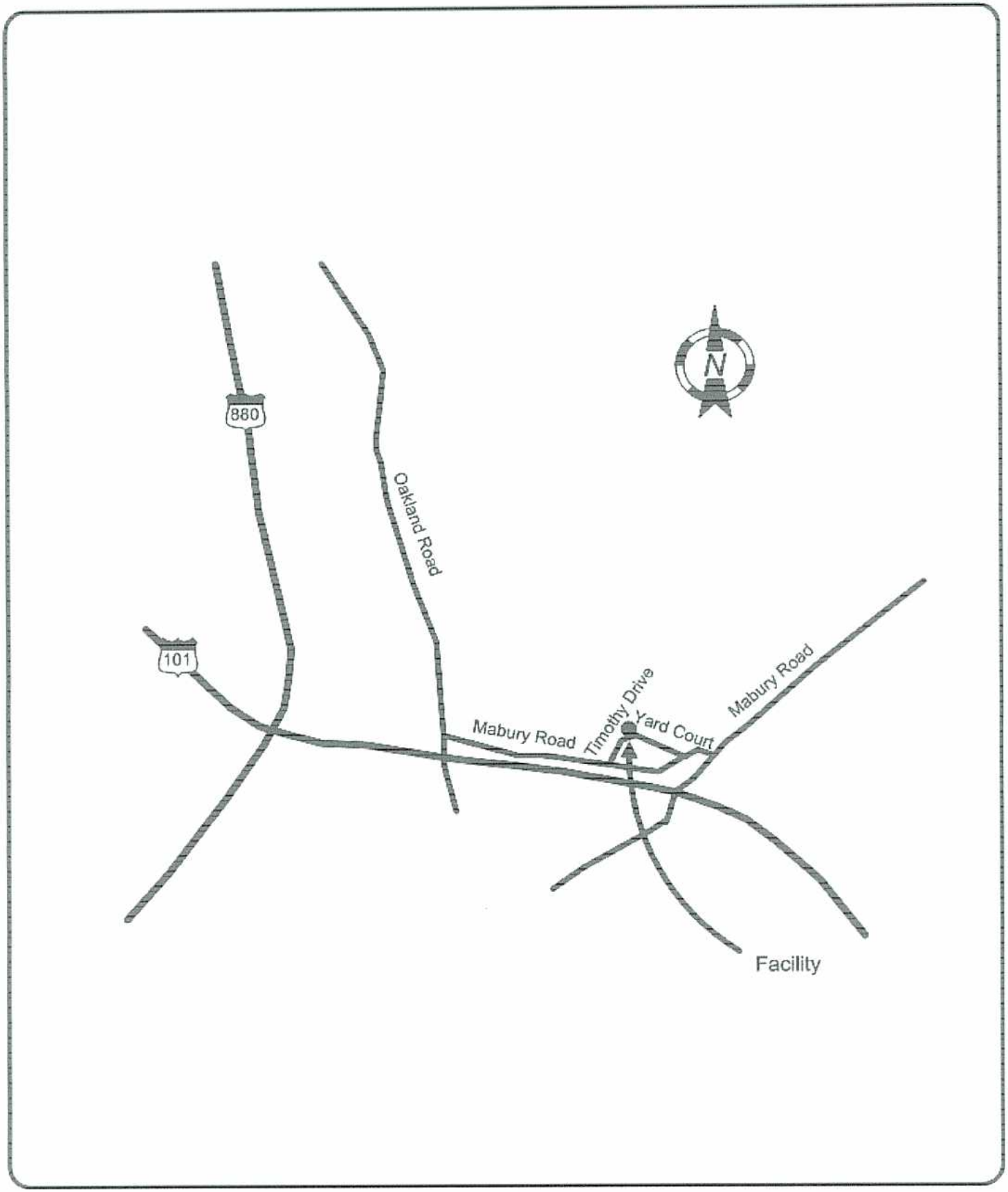
**ESTIMATED DIVERSION:**
The anticipated diversion rate for the Facility is approximately 80%.

**JURISDICTIONS SERVED:**
The Facility will serve the greater San Jose Metropolitan Area, all of Santa Clara County, and adjoining counties.

**LOCATION**:
The Facility is located at 260 Leo Avenue, San Jose. Access to the facility is from Leo Avenue (see the attached map).

# Fact Sheet #17
# Environmental Management Systems Facility

Deleted with the Seventh Amendment
August 2009




Vicinity Map

California Waste Solutions
San Jose, California

## Fact Sheet #18
## California Waste Solutions Recycling & Transfer Station
## San Jose, California

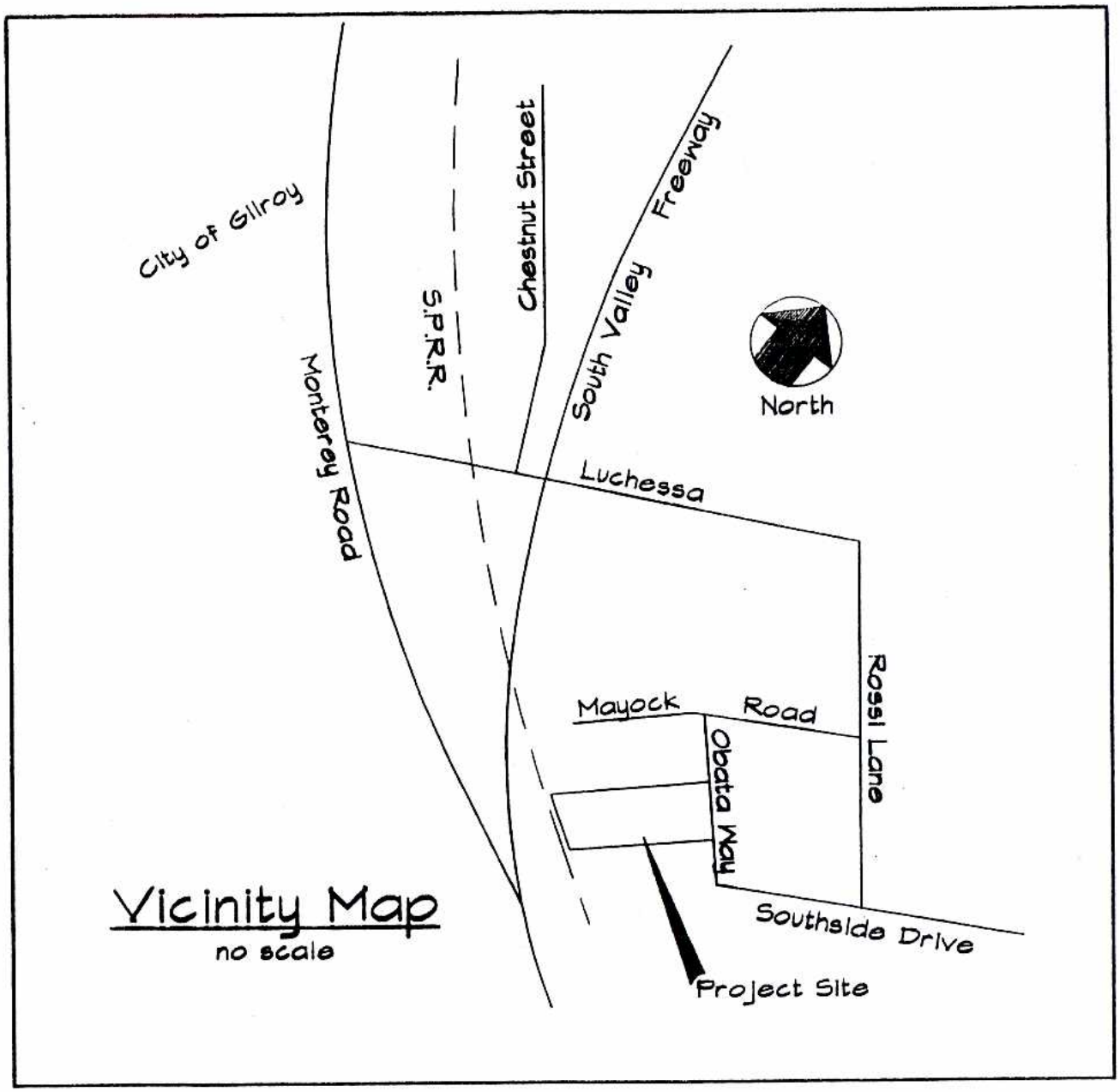
**TYPE OF FACILITY:** Large Volume Transfer/Processing Facility
The California Waste Solutions Recycling & Transfer Station is operated by California Waste Solutions and owned by Duong Family Investments. The facility, which is 3.57 acres, began operations in August 2002 as a recycling center. A Conditional Use Permit was issued in March 2002 by the City of San Jose to operate a "curbside recycling processing and transfer facility." All sorting operations occur within the building. Sorted materials are sent for processing and marketing at other locations. Residual solid waste from the operation will be sent to an authorized facility. Non-hazardous residual wastes are sent for disposal at permitted landfills. Hazardous and other prohibited wastes will be sent to approved recycling, treatment, or disposal facilities. Other activities at this site include administrative offices and employee parking.

**FACILITY CAPACITY:**
The Facility's design capacity for the intended material stream of commingled recyclables is 530 tons per day. Under terms of its Conditional Use Permit, it is permitted to accept a maximum of 110,000 tons per year.

**ESTIMATED DIVERSION:**
The estimated diversion rate for the Facility is approximately seventy (70%) to ninety (90%) percent.

**JURISDICTIONS SERVED:**
The City of San José. Subject to the tonnage limits above, as they may be amended, the facility may serve all of the jurisdictions in Santa Clara County.

**LOCATION:**
The Facility is located at 1005 Timothy Drive, San Jose, California 95133. Access to the facility is from Yard Court.




Vicinity Map
no scale

# Fact Sheet #19
# Pacific Coast Recycling
# Gilroy, California

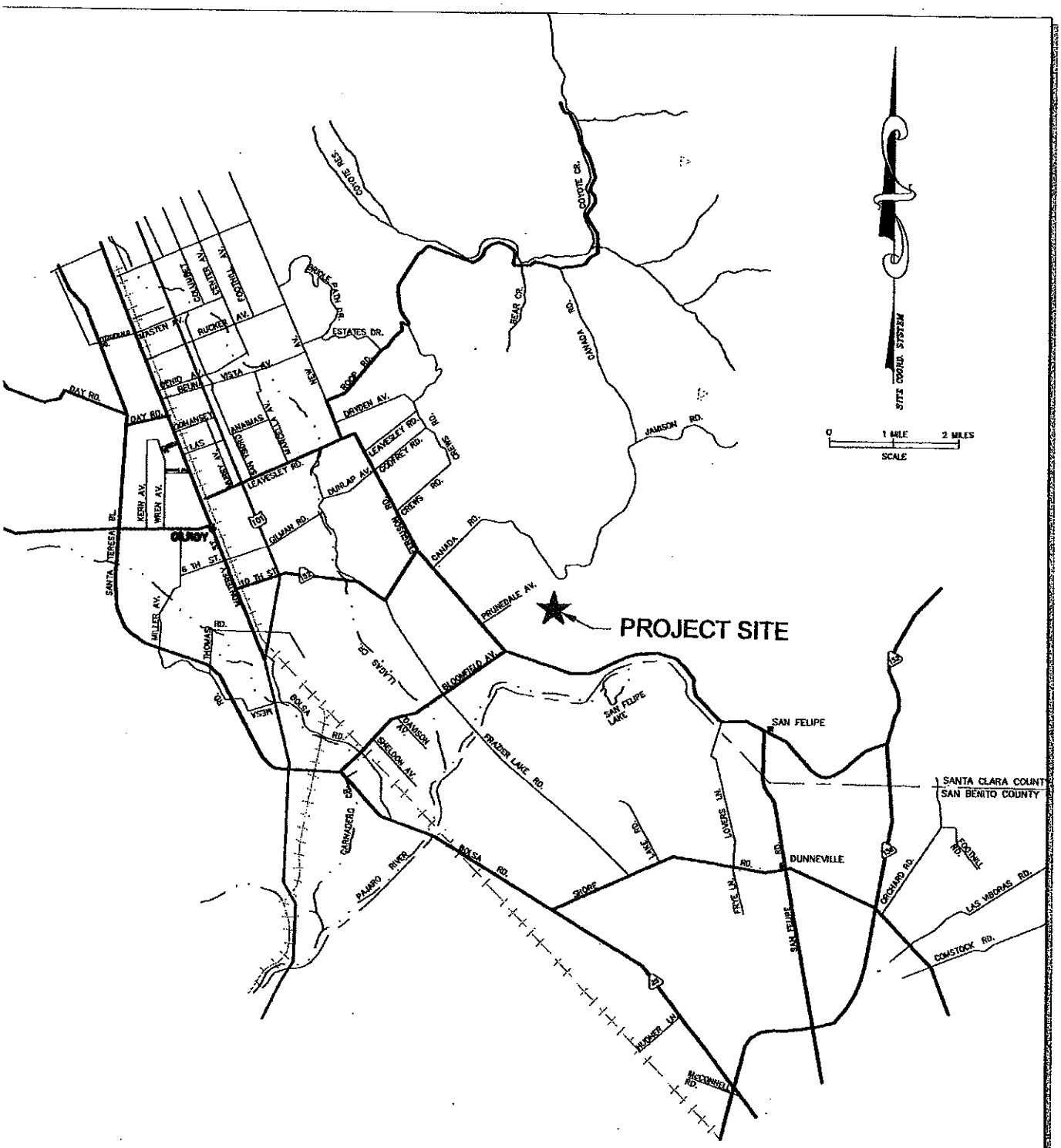
**TYPE OF FACILITY:**
The Pacific Coast Recycling Facility (Facility) is a recycling processing and transfer facility receiving commingled recyclables. The Facility is located on 6.1 acres at 5895 Obata Way, Gilroy. The business will operate from 7:00 a.m. – 5:00 p.m. six days per week. The Facility recycles construction waste; i.e. roofing, wall, flooring, plumbing, electrical, asphalt, concrete and masonry materials are all typical. This operation will also receive organic garden and landscape wastes. The Facility does not receive food, food packaging or food service waste nor will it handle hazardous materials (except Freon).

**FACILITY CAPACITY:**
The Facility is permitted to accept no more than 100 tons per day.

**ESTIMATED DIVERSION:**
Approximately 90% of all incoming materials is recycled.

**JURISDICTIONS SERVED:**
This Facility will serve the Santa Clara County and small percentage from San Benito County.

**LOCATION**:
The Facility is located at 5895 Obata Way, Gilroy, CA 95020. Access to the facility is off Obata Way with ingress/egress provided by two driveway entrances (see the attached map).




# VICINITY MAP

# Fact Sheet #20
# Pacheco Pass Transfer Station
# Santa Clara County, California

**TYPE OF FACILITY:**
The proposed Pacheco Pass Transfer Station is owned and operated by Recology Pacheco Pass (RPP). RPP is currently in the process to obtain a Use Permit from the County of Santa Clara, which is anticipated to be issued in 2011. The facility will accept municipal solid waste and mixed recyclables from Recology South Valley collection vehicles and other commercial haulers. Municipal solid waste and mixed recyclables is loaded into transfer trailers and transported to nearby vendors for processing or to permitted landfill for disposal. This facility will replace the San Martin Transfer Station, which will close in 2013.

**FACILITY CAPACITY:**
The facility is designed to accommodate 500 tons per day average, and 1,000 tons per day peak of municipal solid waste and mixed recyclables.

**ESTIMATED DIVERSION:**
Only transfer operations will occur at the facility. No sorting or processing is performed. The anticipated diversion rate at this facility is 0%.

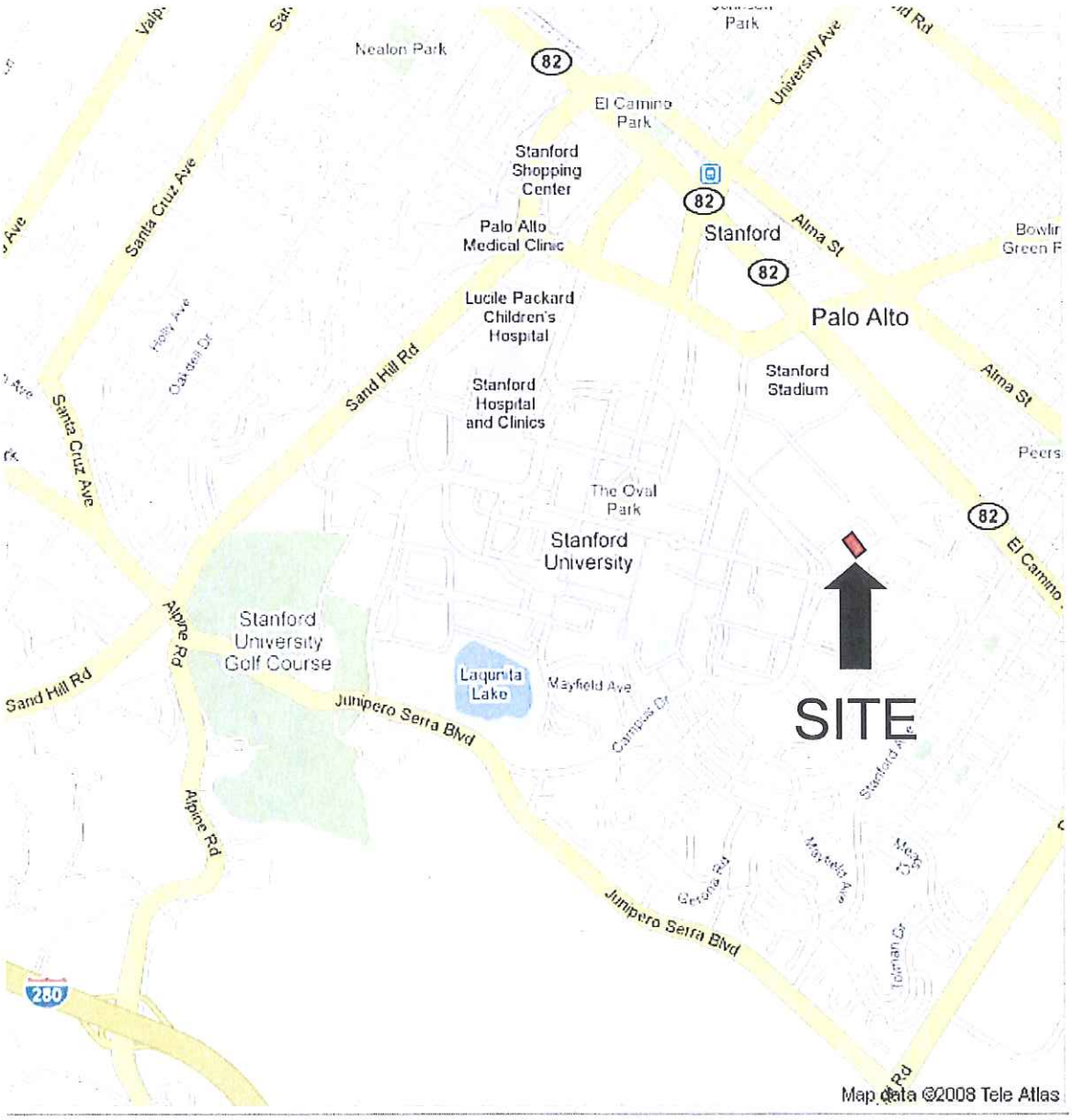
**JURISDICTIONS SERVED:**
This facility primarily serves the Cities of Gilroy and Morgan Hill and the community of San Martin, other unincorporated areas of southern Santa Clara County.

**LOCATION**:
The Facility is located at 3675 Pacheco Pass Highway, in the southern portion of unincorporated Santa Clara County, and within the permitted boundaries of Recology Pacheco Pass (see the attached map).

# Stanford Recycling Center and Direct Transfer Facility

339 Bonair Siding, Stanford, California 94305

## Vicinity Map



# Fact Sheet #21
# Stanford Recycling Center and Direct Transfer Facility
# Stanford, California

**TYPE OF FACILITY:**
The Stanford Recycling Center and Direct Transfer Facility (Facility) is owned and operated by Peninsula Sanitary Service, Inc. (PSSI). The Stanford Recycling Center was established in 1976 with the goal of diverting recyclable materials from landfill. Peninsula Sanitary Service has been the university's solid waste hauler since 1943. The company provides a full array of refuse, yard waste and food waste, recyclables, and construction and demolition services to the campus community including academic and operations buildings, student housing and faculty and staff housing. The Facility currently receives source-separated and mixed recyclables through drop-off and on-campus collection routes. The mixed recyclables are separated through mechanical and manual means utilizing a mechanized processing line at the Facility. Materials accepted include glass jars and bottles, aluminum and tin cans, scrap aluminum, corrugated cardboard, newspapers, magazines, high-grade and mixed paper, telephone books, and waste products of assorted plastic resins.

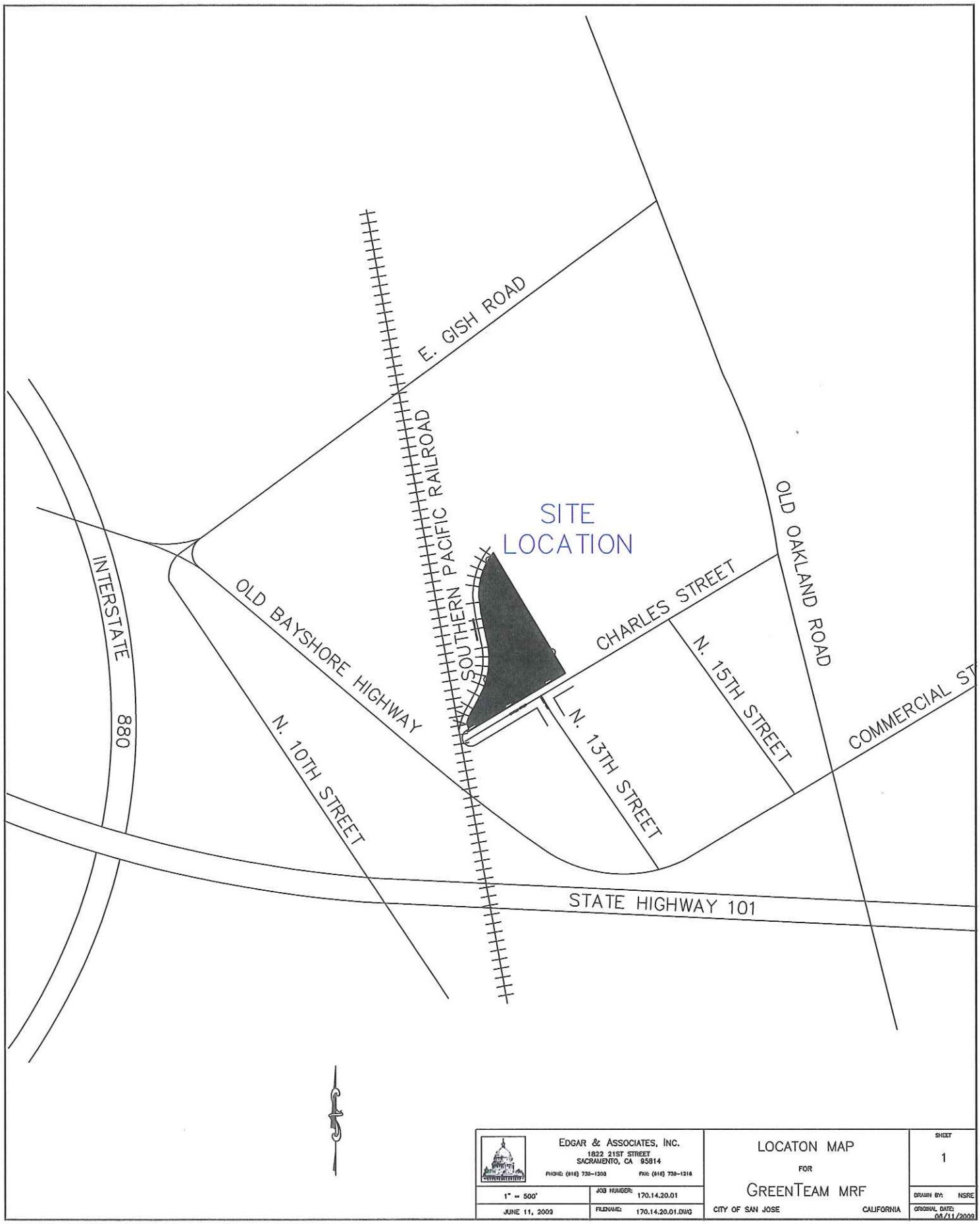
The Facility proposes to operate a Direct Transfer Facilities (DTF), which can be permitted for up to 150 tons per day (TPD) with a Registration Solid Waste Facility Permit (SWFP). The DTF would handle commingled recyclables, green waste, commingled green waste and food waste, mixed construction and demolition (C&D) debris and/or municipal solid waste (MSW) which will be transferred directly from collection vehicles into direct transfer trailers to maximize the efficiency of transporting materials to off-site processing facilities for the commingled recyclables and mixed C&D, to off-site composting facility for the comingled green waste and food waste, and to a landfill for the MSW. This will garner additional diversion of materials by processing recyclables, mixed C&D, and commingled green waste and food waste at facilities utilizing higher-technology equipment, and reduce the overall diesel use for the operations, minimizing emissions and ultimately the size of the Facility’s carbon footprint.

**FACILITY CAPACITY:**
Approximately 60 tons per day of recyclables were accepted for processing at the Facility during 2007. In addition to the recyclables collection and processing, the Facility proposes to transfer recyclables, commingled green waste and food waste, mixed C&D and MSW at the DTF, the processing and transfer operations have an estimated annual operation capacity of approximately 22,000 tons, with a peak loading capacity of 150 tons per day for the DTF operations.

**ESTIMATED DIVERSION RATE:**
In 2007, total waste generated at the university was 22,013 tons. Based on these figures, the 2007 diversion rate for the facility was approximately 60% of the total waste stream.

**JURISDICTIONS SERVED:**
The Facility serves the Incorporated and Unincorporated Stanford University Lands in the County of Santa Clara and San Mateo. The Facility is primarily used by students, faculty, and staff at the Stanford University campus.

**FACILITY LOCATION:**
The Facility is located in Santa Clara County within the Stanford University Community Plan Area at 339 Bonair Siding, Stanford. (see the attached map).


E. GISH ROAD
SOUTHERN PACIFIC RAILROAD
SITE LOCATION
OLD OAKLAND ROAD
CHARLES STREET
N. 15TH STREET
COMMERCIAL ST
OLD BAYSHORE HIGHWAY
INTERSTATE 880
N. 10TH STREET
N. 13TH STREET
STATE HIGHWAY 101
EDGAR & ASSOCIATES, INC.
1822 21ST STREET
SACRAMENTO, CA 95814
PHONE: (916) 739-1200
FAX: (916) 739-1216
1" = 500'
JUNE 11, 2009
JOB NUMBER: 170.14.20.01
FILENAME: 170.14.20.01.DWG
LOCATON MAP
FOR
GREENTEAM MRF
CITY OF SAN JOSE
CALIFORNIA
SHEET
1
DRAWN BY: NSRE
ORIGINAL DATE: 06/11/2009

## Fact Sheet #22
## GreenTeam of San Jose Material Recovery Facility and Transfer Station
## San Jose, California

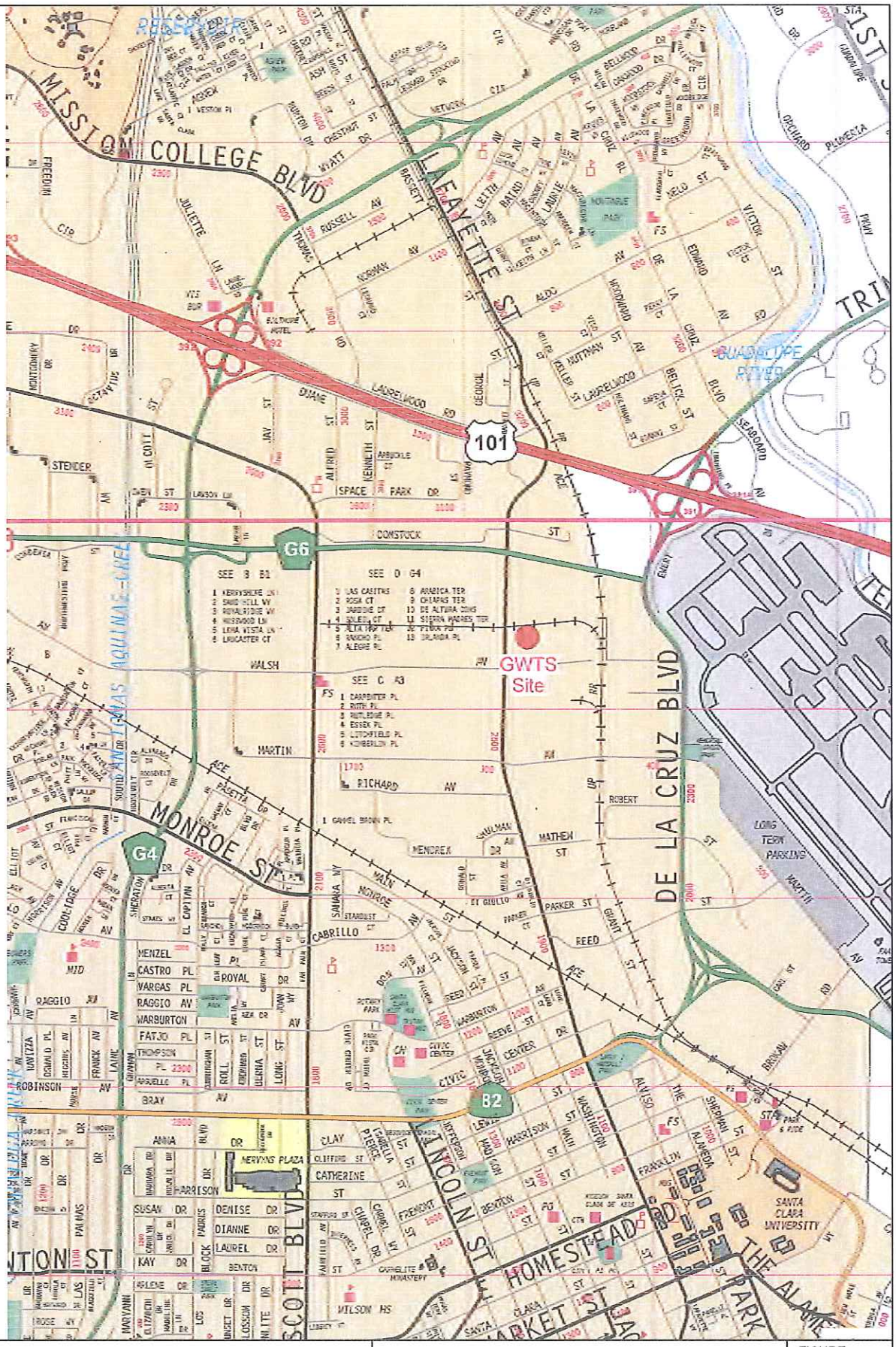
**TYPE OF FACILITY:**
The GreenTeam of San Jose Material Recovery Facility and Transfer Station (GTSJ-MRF) is a wholly-owned subsidiary of Waste Connections of California, Inc. The GTSJ-MRF primarily provides recyclables processing and storage, and solid waste transfer at this site. With the Solid Waste Facility Permit, the GTSJ-MRF plans to harmonize the hours of operations, clarify the outside storage of recyclables – including the bales, bulky materials, and single stream material, and provide appropriate odor and dust mitigation plans for the site and add screening.

**FACILITY CAPACITY:**
The facility is designed to accommodate 500 tons per day average of commingled recyclables, and 210 vehicles trips per day.

**ESTIMATED DIVERSION:**
Processing and transfer will occur on site at the facility. The anticipated diversion rate at this facility will be 90%.

**JURISDICTIONS SERVED:**
This facility primarily serves the Cities of San Jose.

**LOCATION**:
The Facility is located at 575 Charles Street, San Jose, CA 95112, in the northern portion of the city, and within the permitted boundaries of the Waste Connections GreenTeam of San Jose Material Recovery Facility and Transfer Station (GTSJ-MRF).




APPROX SCALE

NOT TO SCALE

NORTH

| SOURCE | DATE |
|---|---|
| 2008 Rand McNally | 04/01/09 |

ADDRESS
2765 Lafayette St., Santa Clara, CA 95050

# SITE LOCATION MAP

GreenWaste Material Processing and Transfer Station

FIGURE

1

# Fact Sheet #23
# GreenWaste Material Processing and Transfer Station
# Santa Clara, California

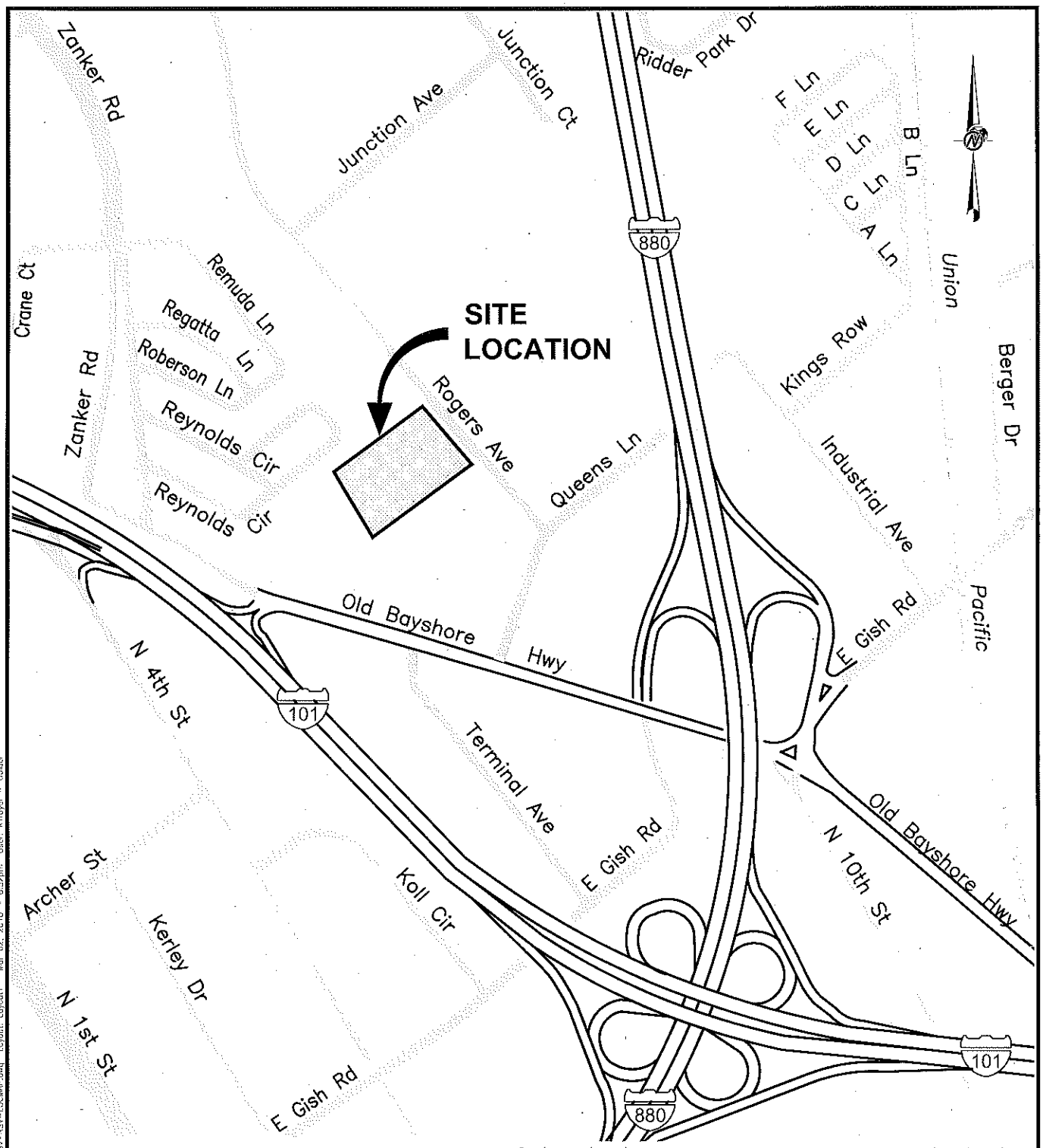
**TYPE OF FACILITY:**
GreenWaste Recovery, Inc. (GreenWaste) is proposing to operate a material processing and transfer facility on 1.87 acres of a 6.44 acre parcel in the City of Santa Clara. Currently GreenWaste uses the site for parking and servicing collection vehicles. The proposed GreenWaste Material Processing and Transfer Station (GWTS) will be operated by GreenWaste on leased property owned by a private party. The GWTS will process and transfer green and compostable materials. The facility's primary function will be to process green and compostable materials prior to being transferred to a compost facility. Green materials such as yard trimmings and wood waste will be processed through size reduction equipment prior to transfer. Compostable materials such as source separated food material will be transferred directly with minimal sorting to remove contaminants and other recyclables. GreenWaste has been processing green and compostable materials for over 10 years and currently owns and operates a similar facility in the City of San Jose.

**FACILITY CAPACITY:**
A maximum of 1,500 tons per day of green materials (approximately 75-80% by weight) and compostable materials (approximately 20-25% by weight) is proposed.

**ESTIMATED DIVERSION:**
GreenWaste is estimating 99% diversion of green materials and compostable materials.

**JURISDICTIONS SERVED:**
The GreenWaste Material Processing and Transfer Station will service the Santa Clara County and surrounding counties. The facility will not be open to the general public.

**LOCATION**:
The Facility is located in the City of Santa Clara at 2765 Lafayette Street. Refer to attached Site Location Map.




600 0 600

APPROX. SCALE: 1" = 600'

PROJECT

RECOLOGY SILICON VALLEY
PROCESSING/TRANSFER STATION
1675 ROGERS AVENUE, SAN JOSE, CALIFORNIA

TITLE

**LOCATION MAP**

Golder Associates
Sunnyvale, California

| | | | | |
|---|---|---|---|---|
| PROJECT No. | 093-97490 | | FILE No. | |
| DESIGN | KLT | 3/2/10 | SCALE AS SHOWN | REV. 0 |
| CADD | KLT | 3/2/10 | FIG. 1 | |
| CHECK | RDH | 3/2/10 | | |
| REVIEW | RDH | 3/2/10 | | |

# Fact Sheet #24
# Recology Silicon Valley Processing and Transfer Facility
# San Jose, California

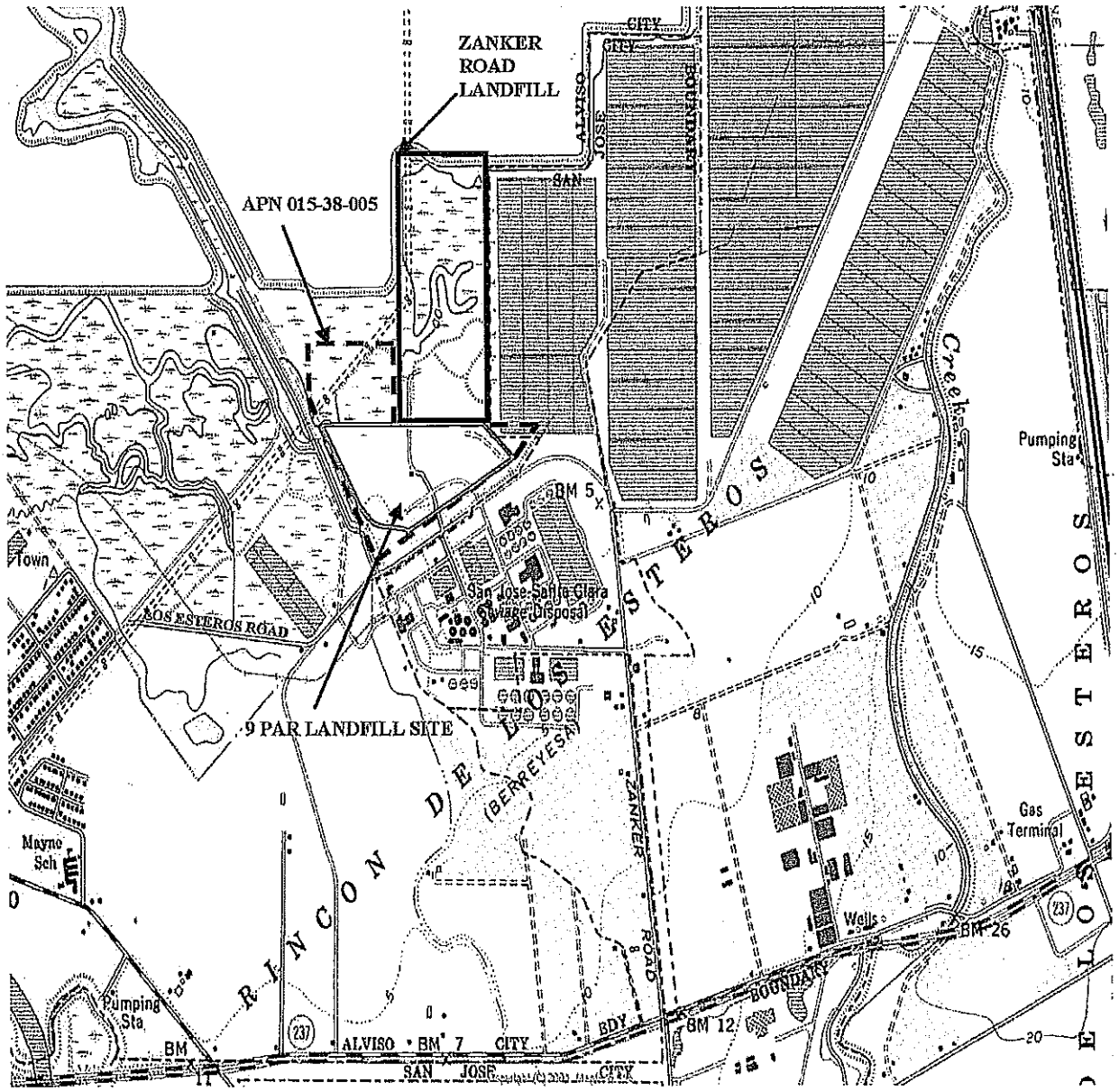
**TYPE OF FACILITY:**
The Recology Silicon Valley Processing and Transfer Facility is an existing medium-volume transfer station that is permitted to receive up to 99 tons per day of mixed waste materials including organic material, residential and commercial refuse and inert material. It is proposed to expand the facility to receive and process recyclable, organic and waste materials from the City of San Jose commercial recycling program and other sources.

**FACILITY CAPACITY:**
The facility is currently permitted to receive up to 99 tons per day. The facility expansion will be designed to handle up to 600 tons per day of residential and commercial recyclable, organic and waste materials.

**ESTIMATED DIVERSION:**
Processing and transfer will occur at the facility. The estimated overall diversion rate is above 60 percent. Recovered materials will be transported from the facility for further processing or to markets. Residual materials will be transported to a permitted disposal site.

**JURISDICTIONS SERVED:**
The facility will serve San Jose and other South Bay cities.

**LOCATION**:
The facility is located at 1675 Rogers Avenue, San Jose. Refer to attached Site Location Map.




Adapted from USGS Map, California 7.5 Minute Series, Milpitas, CA (Photo revised 1980) Quadrangle.

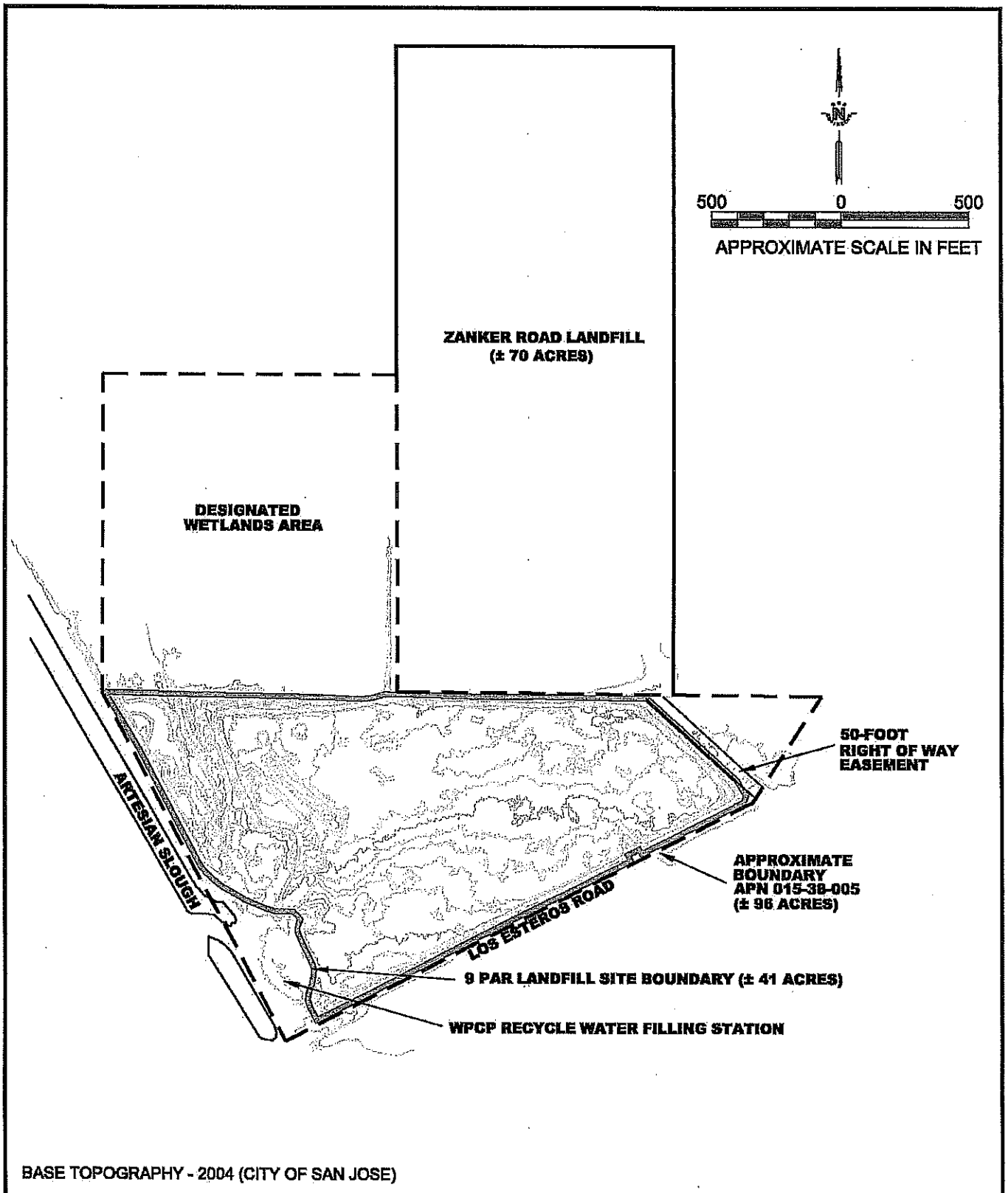
SCS ENGINEERS

6601 Koll Center Parkway,
Suite 140
Pleasanton, CA 94566
Ph: (925) 426-0080
Fax: (925) 426-0707

| | | |
|---|---|---|
| PROJECT NO: 01206142.00 | | CHECKED BY: JJM |
| DESIGNED BY: HLG | SCALE: NTS | APPROVED BY: JJM |
| DRAWN BY: HLG | DATE: 3/07 | FILE: |

**FIGURE 1**

**SITE LOCATION**
**9 PAR LANDFILL SITE**
**SAN JOSE, CALIFORNIA**




BASE TOPOGRAPHY - 2004 (CITY OF SAN JOSE)

| | | | |
|---|---|---|---|
| SCS ENGINEERS<br>ENVIRONMENTAL CONSULTANTS<br><br>6601 KOLL CENTER PARKWAY, SUITE 140<br>PLEASANTON, CALIFORNIA 94566<br>PHONE: (925) 426-0080 FAX.: (925) 426-0707 | SITE VICINITY MAP<br><br>9 PAR LANDFILL SITE<br>SAN JOSE, CALIFORNIA | SCALE: AS SHOWN<br><br>PROJECT NO. 01206142.00<br><br>DATE: 4-6-07 | FIGURE NO.<br><br>2 |

## Fact Sheet #25
## Zero Waste Energy Development Company Anaerobic Digestion Facility
## San Jose, California

**TYPE OF FACILITY:**
Zero Waste Energy Development Company (Zero Waste), a joint venture between GreenWaste Recovery, Inc. and its sister company Zanker Road Resource Management (Zanker), is developing the first of its kind in the nation dry fermentation anaerobic digestion facility. Although anaerobic digestion is common in the United States, all the existing processes employ wet feedstock. While the dry-fermentation technology that will be deployed has been commercially demonstrated in Europe for agricultural feedstocks and some MSW feedstocks, there are currently no dry-fermentation anaerobic digestion projects operating in the United States.

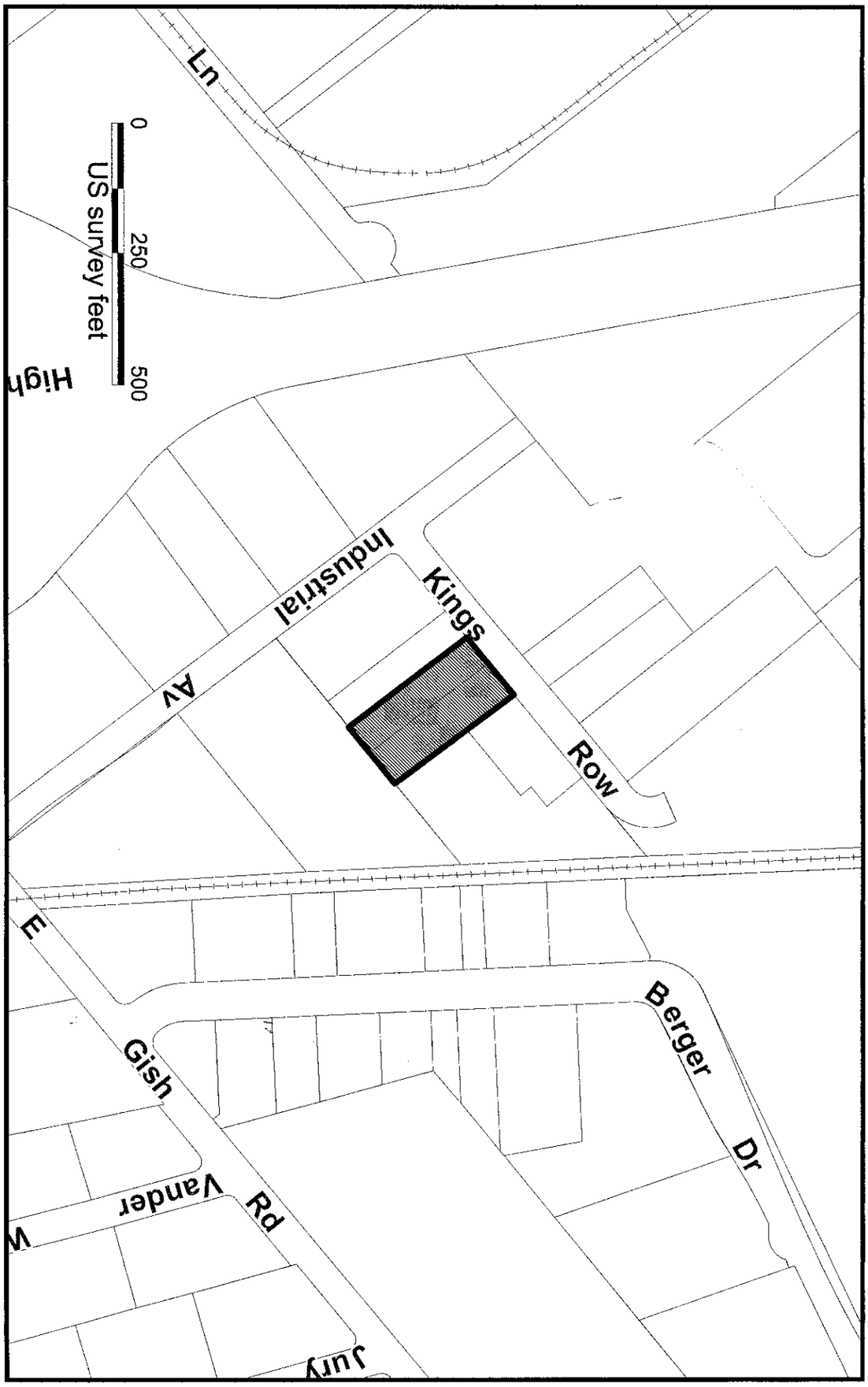
**FACILITY CAPACITY:**
This 150,000 tons per year facility will be developed in three phases; each of the three phases will be capable of processing 50,000 tons per year of organic materials.

**FEEDSTOCK:**
The facility will process and recover energy from source separated food waste and the organic fraction remaining after materials including municipal solid waste (MSW) are processed at GreenWaste's MRF and create two products: a biogas containing methane and compost. We anticipate phase I of the project will produce 13 million kilowatt hours of electricity per year – enough to power approximately 1,300 homes.

**ESTIMATED DIVERSION:**
GreenWaste is estimating 80% diversion of green materials and compostable materials.

**JURISDICTIONS SERVED:**
This facility has been designed to accommodate the current and growing stream of organic waste generated by San Jose and nearby municipalities.

**LOCATION**:
The proposed site for this facility is located at the former Nine Par landfill at 2100 Los Esteros Road, in the City of San Jose, adjacent to the existing Zanker processing facilities. Refer to attached Site Location Map.




**File No: SP09-026**

**District: 4**

**Quad No: 51**

N

**05/08/2009**

Noticing Radius: 500 feet

650 Kings Row

# Fact Sheet #26
# Green Earth Management LLC Kings Row Recycling Facility
# San Jose, California

**TYPE OF FACILITY:**
The Green Earth Management LLC Kings Row Recycling Facility is an existing Chipping and Grinding Operation on 0.91 acres of leased property permitted to handle up to 199 tons per day of green materials. Green Earth Management LLC. is planning to expand their material processing and transfer facility in the future. The Kings Row Recycling Facility currently chips and grinds green material for transfer to biomass energy facilities. The planned expanded facility's primary function will be to process green and compostable materials prior to being transferred to compost or energy facilities.

**FACILITY CAPACITY:**
The facility is currently permitted to handle up to 199 tons per day. A maximum of 600 tons per day of green materials (approximately 75-80% by weight) and compostable materials (approximately 20-25% by weight) is planned in the future.

**ESTIMATED DIVERSION:**
Kings Row Recycling Facility is estimating 99% diversion of green materials and compostable materials.

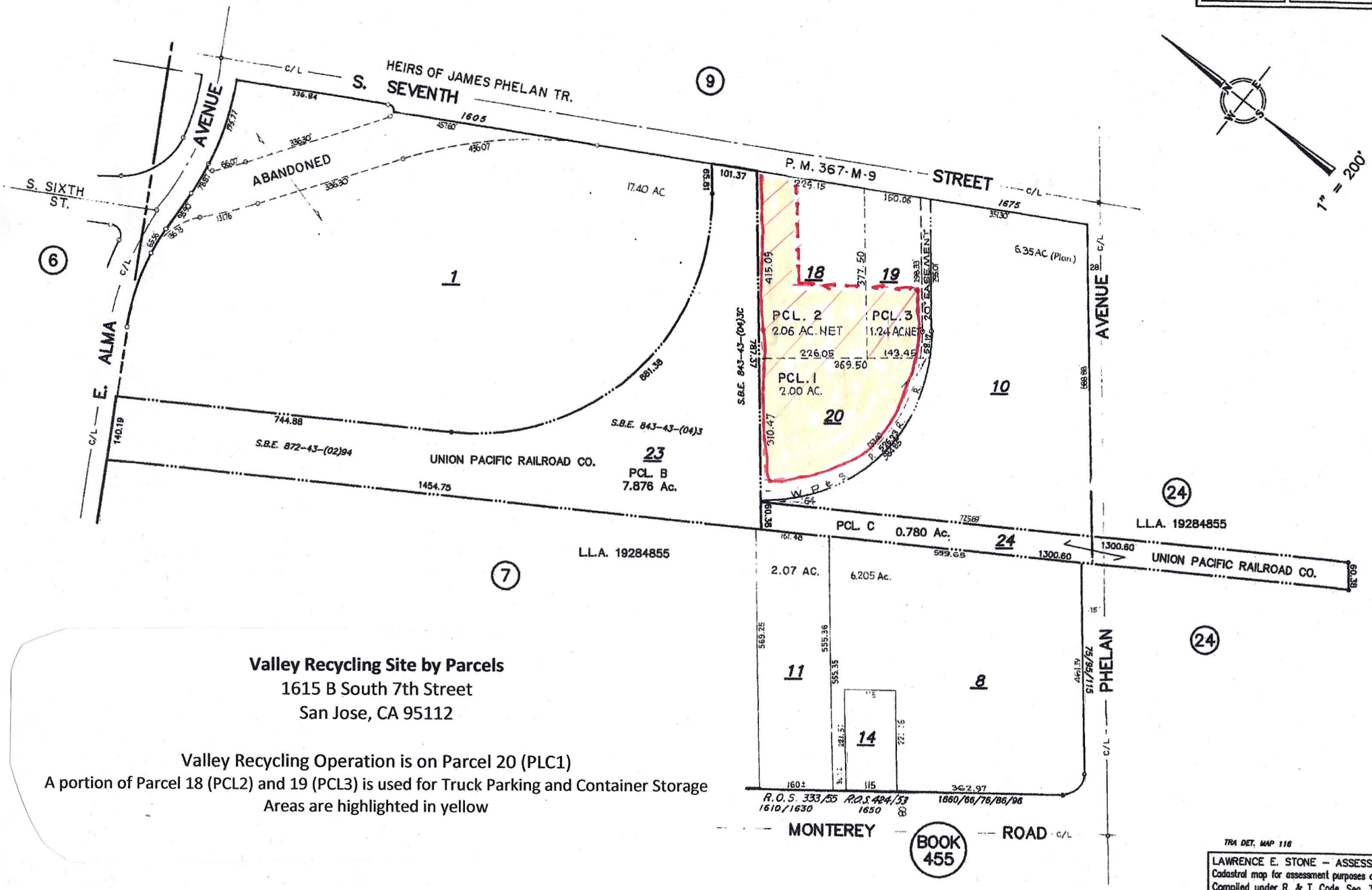
**JURISDICTIONS SERVED:**
The Kings Row Recycling Facility will service Santa Clara County and surrounding counties. The facility will be open to the public.

**LOCATION**:
The facility is located in the Enterprise Zone of the City of San Jose at 650 Kings Row. Refer to attached site location map.

**APN#:**
23730005 and 23730006

OFFICE OF COUNTY ASSESSOR — SANTA CLARA COUNTY, CALIFORNIA

| BOOK | PAGE |
|---|---|
| 477 | 8 |




**Valley Recycling Site by Parcels**
1615 B South 7th Street
San Jose, CA 95112

Valley Recycling Operation is on Parcel 20 (PLC1)
A portion of Parcel 18 (PCL2) and 19 (PCL3) is used for Truck Parking and Container Storage
Areas are highlighted in yellow

**Fact Sheet #27**
**Environmental Resources Recovery Inc. (Valley Recycling)**
**San Jose, California**

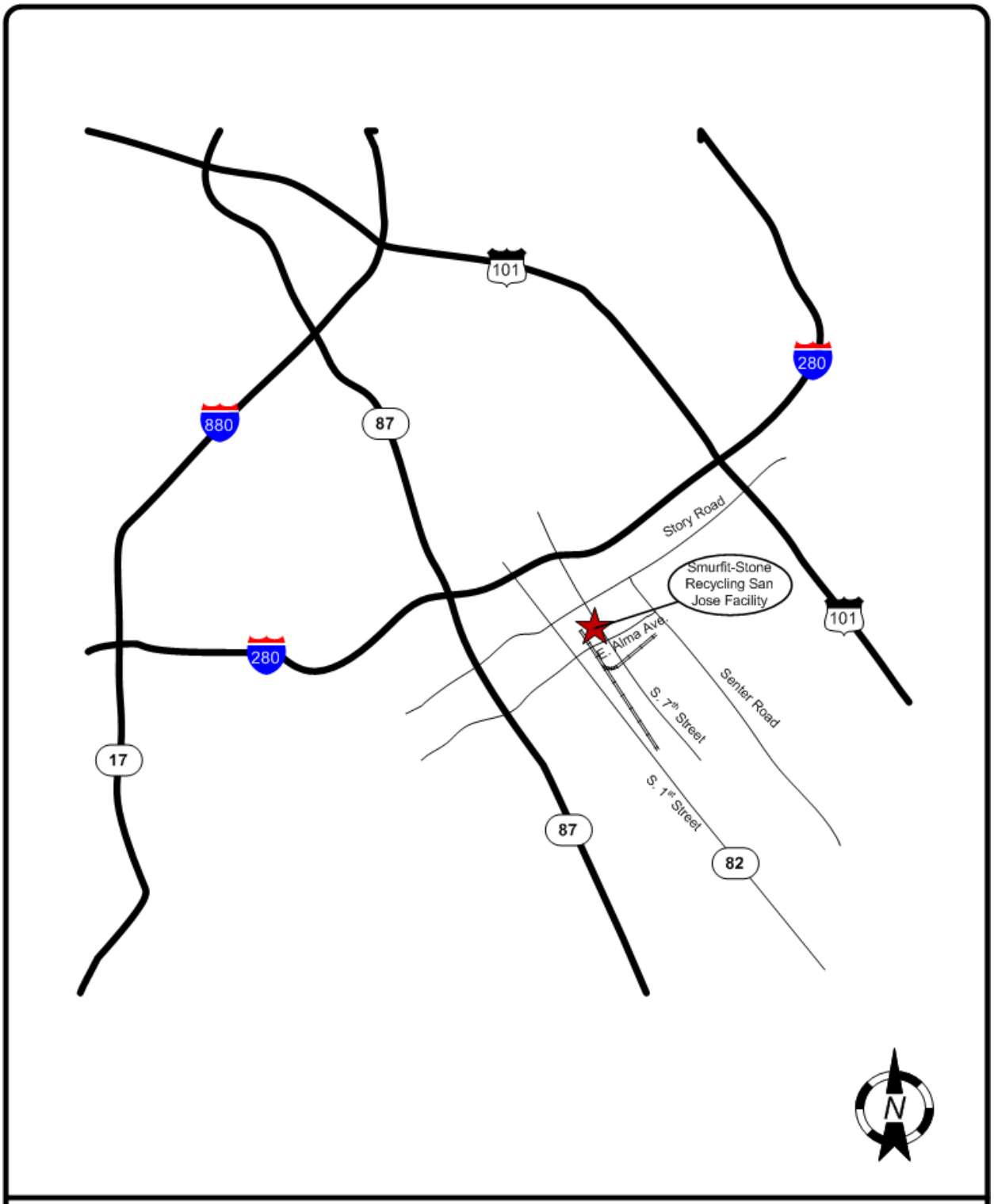
**TYPE OF FACILITY:**
Environmental Resource Recovery Inc. (Valley Recycling) is currently permitted as a Medium Volume Construction Demolition Debris Facility. Valley Recycling has been in business since 1986 on property leased from a private party. This facility is currently operating under state and local limits of 175 tons per day. This facility is currently seeking to move a higher state permit "Tier" to implement future plans to process and increase tonnage as a fully permitted solid waste facility, within allowable limits of state and local permit entitlements. The existing medium volume C&D facility has storage bunkers, assorted sizes of dumpster and parking for the roll-off vehicles, and related trucks with compactor-loads.

**FACILITY CAPACITY:**
A maximum of 175 tons per day of Construction, Demolition and assorted Debris.

**ESTIMATED DIVERSION:**
The existing facility recycles less than 5% of the volume received at this time. As new state and local permit entitlements are approved, future operations may increase processing and recycling levels. Their stated goal in the future is to maximize the diversion that may allow up to or in excess of 75% diversion. They are in the early stages with LEA to go to the next "Tier" up and at this time it is uncertain what will be required.

**JURISDICTIONS SERVED:**
Valley Recycling services the Bay Area and will be looking to expand in the future.

**LOCATION**:
The facility is located at 1615 B South 7$^{th}$ Street in San Jose. Site Map Attached.




**Smurfit-Stone Recycling San Jose Facility Location Map**
205 East Alma Avenue, San Jose, CA 95112-5902

# Fact Sheet #28
# Smurfit-Stone Recycling San Jose Facility
# San Jose, California

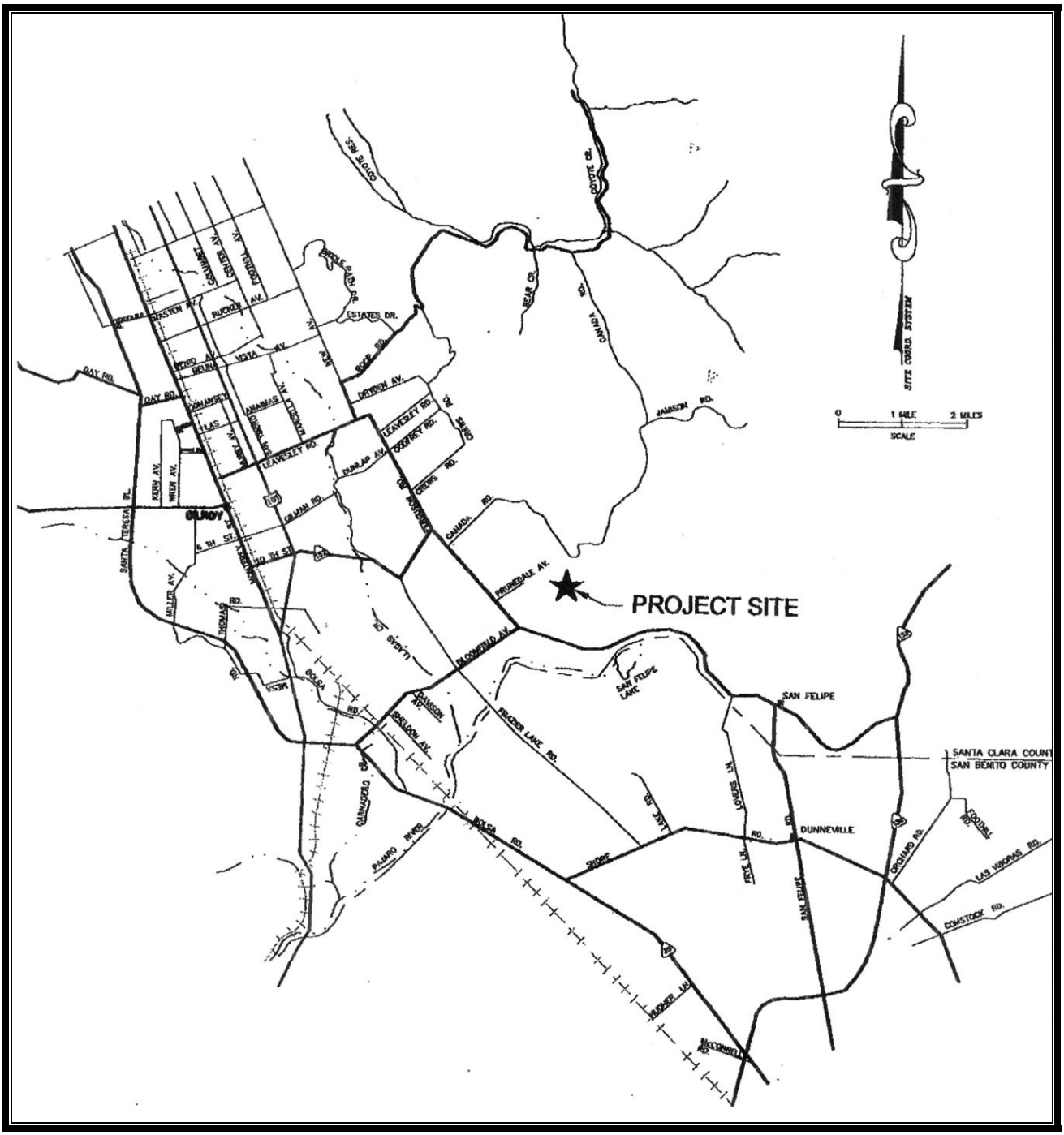
**TYPE OF FACILITY:**
The Smurfit-Stone Recycling San Jose Facility is a recycling processing and transfer facility receiving commingled and source separated recyclables operated by Smurfit-Stone Recycling and Waste Services. The facility, which is 5.17 acres, began operations in 1982 as a recycling center. This facility is seeking a permit as a solid waste processing and transfer facility in anticipation of incoming recyclables that could be in excess of the state mandated ten percent residual limit. All sorting operations occur within the building. Sorted materials are sent for processing and marketing at other locations. Residual wastes are sent for disposal at permitted landfills. Other activities at this site include: administrative offices and employee parking.

**FACILITY CAPACITY:**
The Facility's design capacity is 960 tons per day of recyclable commodities including but not limited to cardboard, paper, and beverage containers. Residual solid waste from the operation will be sent on to an authorized facility. Hazardous and other prohibited wastes will be sent to approved recycling, treatment, or disposal facilities.

**ESTIMATED DIVERSION:**
The anticipated diversion rate for the facility will be over 90 percent.

**JURISDICTIONS SERVED:**
The Facility will serve the City of San Jose and other jurisdictions in Santa Clara County.

**LOCATION**:
The facility is located at 205 East Alma Avenue in San Jose. Access to the facility is from East Alma Avenue. Site Map Attached.




| | |
|---|---|
| Recology WASTE ZERO | **Recology Pacheco Pass**<br><br>**Construction and Demolition Debris Processing Facility**<br><br>**3675 Pacheco Pass Hwy, Gilroy, California** |
| | **Site Location Map** |

# Fact Sheet #29
# Recology Pacheco Pass Wood Processing Facility
# Santa Clara County, California

**TYPE OF FACILITY:**
The proposed Facility is owned and operated by Recology Pacheco Pass (RPP). The Wood Processing Facility is planned for continued operation at the existing RPP Landfill after final closure of the landfill. After final closure of the landfill, the Facility will operate under a separate Solid Waste Facility Permit, as a Medium Volume Construction Demolition/Inert Debris Processing Facility. The facility was described in the Modification of the Conditional Use Permit by the County of Santa Clara in January of 2011. The facility, which is approximately 2.5 acres, processes a combination of wood and wood-related construction and demolition (C&D) debris accepted from Recology collection vehicles and other commercial haulers. The facility will use the scale, access roads, and supporting infrastructure of the two other facilities that will share other areas of the property, South Valley Organics (composting) and the Pacheco Pass Transfer Station (pending construction). All sorting operations will be completed using loaders and personnel by hand.

**FACILITY CAPACITY:**
The facility will be permitted to accept a maximum for processing of 175 tons per operating day. The inbound material may be of any combination of green material (stumps and logs), wood and wood-related C&D debris. The storage capacity on the 2.5 acre processing area is approximately 5,000 cubic yards.

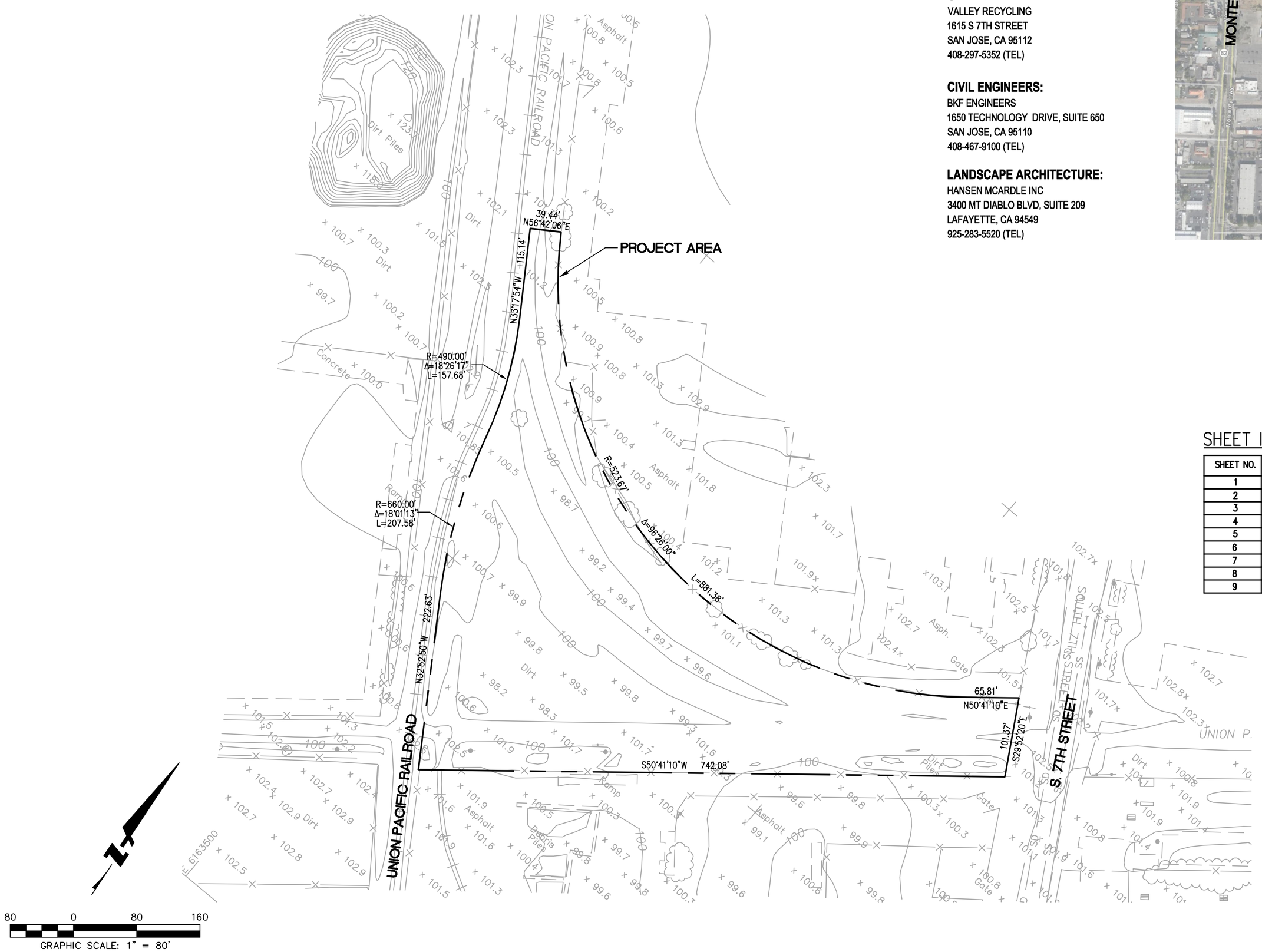
**ESTIMATED DIVERSION:**
The Facility will divert a minimum of 60% of each load of incoming material.. Non-recyclable materials are transferred to a permitted disposal site.

**JURISDICTIONS SERVED:**
The facility primarily serves the Cities of Gilroy and Morgan Hill, the community of San Martin, and other unincorporated areas of southern Santa Clara County.

**LOCATION:**
The facility is located at 3675 Pacheco Pass Highway, in the southern portion of unincorporated Santa Clara County. It is within the current permitted boundaries of RPP Landfill but will not be directly over waste. (see attached map).

# VALLEY RECYCLING

## EAST 7TH STREET
## SPECIAL USE PERMIT
### DECEMBER 2013

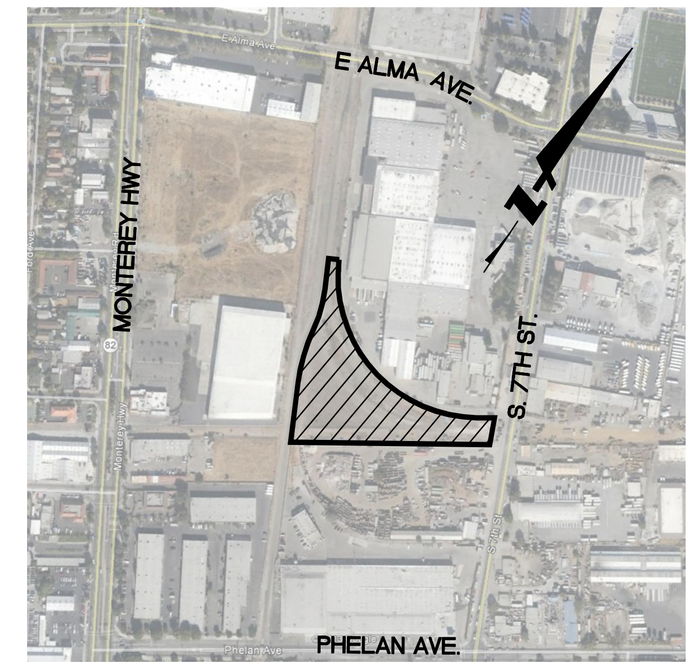



## PROJECT TEAM

**OWNER:**
VALLEY RECYCLING
1615 S 7TH STREET
SAN JOSE, CA 95112
408-297-5352 (TEL)

**CIVIL ENGINEERS:**
BKF ENGINEERS
1650 TECHNOLOGY DRIVE, SUITE 650
SAN JOSE, CA 95110
408-467-9100 (TEL)

**LANDSCAPE ARCHITECTURE:**
HANSEN MCARDLE INC
3400 MT DIABLO BLVD, SUITE 209
LAFAYETTE, CA 94549
925-283-5520 (TEL)




**VICINITY MAP**
NOT TO SCALE

## SHEET INDEX

| SHEET NO. | SHEET REFERENCE | DESCRIPTION |
|---|---|---|
| 1 | T-1 | TITLE SHEET |
| 2 | A-1 | SITE PLAN |
| 3 | A-2 | MODULAR OFFICE ELEVATIONS |
| 4 | A-3 | FENCE ELEVATIONS AND SECTIONS |
| 5 | L-1 | LANDSCAPE PLAN |
| 6 | C-1 | GRADING AND DRAINAGE PLAN |
| 7 | C-2 | UTILITY PLAN |
| 8 | C-3 | STORMWATER CONTROL PLAN |
| 9 | C-4 | STORMWATER CONTROL PLAN DETAILS |

REVISIONS

| NO. | DESCRIPTION | BY | DATE | APPV'D |
|---|---|---|---|---|
| A | | | | |
| B | | | | |
| C | | | | |
| D | | | | |
| E | | | | |

REGISTERED PROFESSIONAL ENGINEER
ROBERT C. STEVENS
C 058660
CIVIL
STATE OF CALIFORNIA
12/20/2013


BKF
ENGINEERS / SURVEYORS / PLANNERS
1650 TECHNOLOGY DRIVE
SUITE 650
SAN JOSE, CA 95110
408-467-9100 TEL
408-467-9199 FAX


DRAWN: FW
CHECKED: JW
DESIGNED: JW/FW
APPROVED:

VALLEY RECYCLING
SPECIAL USE PERMIT
TITLE SHEET
SAN JOSE SANTA CLARA COUNTY CALIFORNIA

| | |
|---|---|
| DATE 12/18/13 | SCALE 1"=40' |
| BKF PROJECT NO. 20135182 | |
| CLIENT VALLEY RECYCLING | |
| SHEET NO. 01 OF 09 | |
| DRAWING NO. T-1 | |

SPECIAL USE PERMIT. NOT FOR CONSTRUCTION.

K:\Eng13\135182 Valley Recycling\SHEETS\T1 Title Sheet.dwg 12-20-13 10:49:00 AM wsif
PLOT SCALE: 1 = 1 VIEWPORT ROTATION: XX°

**Fact Sheet #30**
**Valley Recycling San Jose CDI Processing/Transfer Facility**
**Santa Clara County, California**

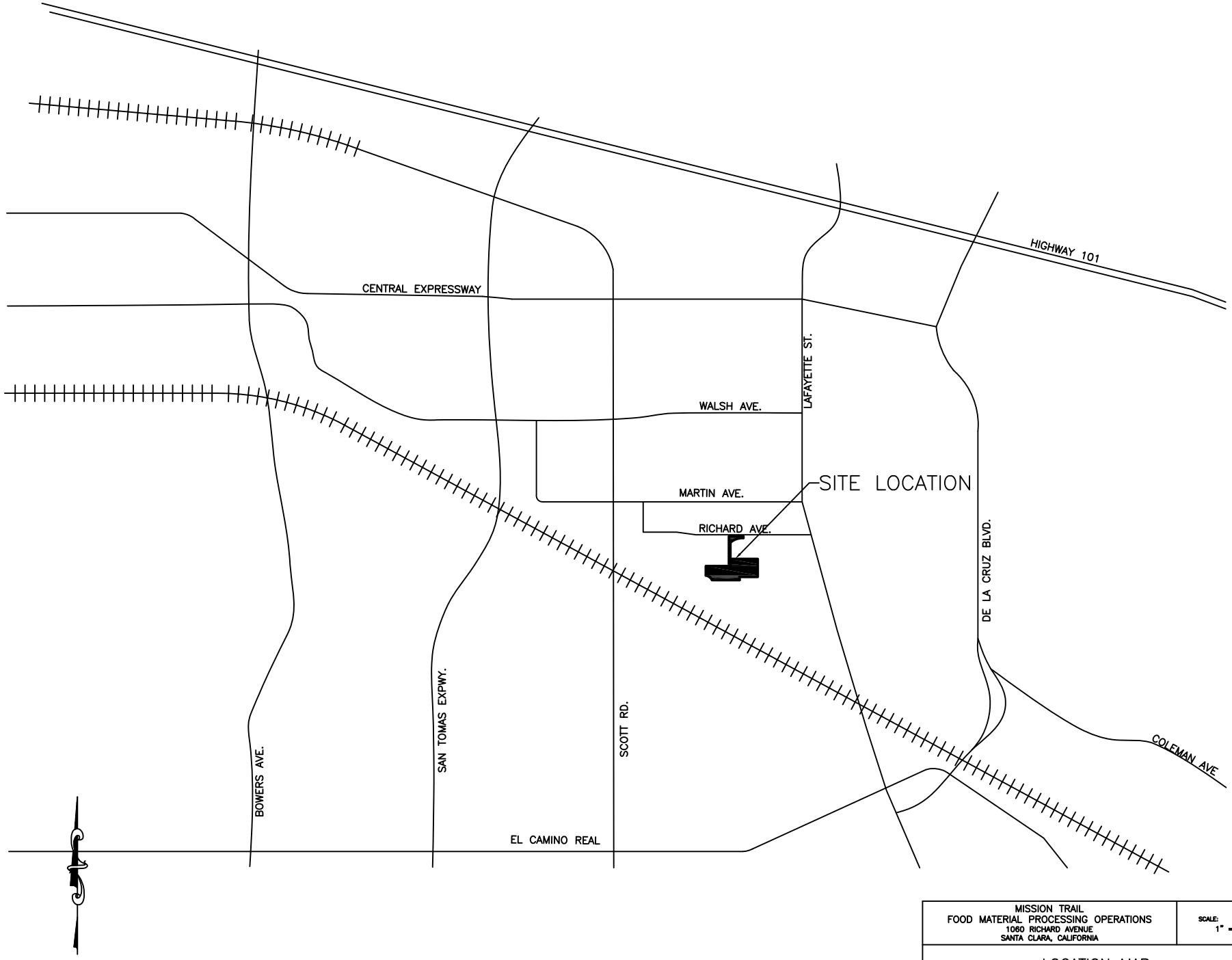
**TYPE OF FACILITY:**
Medium Volume Direct Construction, Demolition Debris, and Inerts (CDI) Processing/Transfer Facility. Valley Recycling San Jose proposes to develop CDI operations on this property.

**FACILITY CAPACITY:**
174.9 Tons per day maximum volume of CDI material received, and
open 362 days per year (closed Thanksgiving, Christmas, and New Year's)

**ESTIMATED DIVERSION:**
All clean source separated material type received will be segregated and delivered for reuse or recycling. All comingled CDI materials received will be sorted, processed, separated, and delivered to other CDI processing certified facilities, and permitted landfills. Material transferred from facility is anticipated to be delivered to facilities both within and outside of Santa Clara County (majority anticipated to be outside Santa Clara County) for recycling, reuse, processing of materials, and residue disposal. Diversion from landfilling of materials received is estimated to be in excess of 60%.

**JURISDICTIONS SERVED:**
This facility will be available to serve the City of San Jose, surrounding municipalities, and the unincorporated areas of Santa Clara County.

**LOCATION:**
The proposed site for this facility will be located on a vacated piece of railroad property adjacent to 1615-B South 7$^{th}$ Street, San Jose, CA 95112. Refer to attached Site Location drawing. (See attached map).




| MISSION TRAIL<br>FOOD MATERIAL PROCESSING OPERATIONS<br>1060 RICHARD AVENUE<br>SANTA CLARA, CALIFORNIA | SCALE:<br>1" = 1850' |
|---|---|
| LOCATION MAP | |
| DATE:<br>FEBRUARY 25, 2014 | FIGURE 1 |

# Fact Sheet #31
# Mission Trail Food Materials Transfer/Processing Operations
# Santa Clara, California

**TYPE OF FACILITY:**
The Mission Trail Food Materials Transfer/Processing Operations (FMTPO) is owned and operated by Mission Trail Waste Systems (MT) and is located on approximately 0.9 acres at the existing Mission Trail Transfer Station.

The FMTPO is a transfer/processing facility handling compostable food materials, collected from restaurants and other regional food production operations, that are to be processed and transferred to a permitted facility for use as a compost feedstock, anaerobic digestion feedstock, or in the production of animal feed. The FMTPO uses sealed containers for the collection of food materials, where they are introduced into proprietary equipment for separation from contaminants. The enclosed processing system retains all liquids and food materials in a sealed tank which will be pumped into sealed trailers for transportation, with residual contaminants expelled into covered containers.

The FMTPO will garner additional diversion of food waste materials – in accordance with the Climate Action Plans approved by the City of Santa Clara other jurisdictions, by processing food waste into a usable feedstock commodity for composting, anaerobic digestion, or animal feed, minimizing landfill and transportation emissions and ultimately the size of the facility and community carbon footprints.

**FACILITY CAPACITY:**
The FMTPO is designed to handle up to 99 tons per day of food materials and approximately 30 vehicle trips per day.

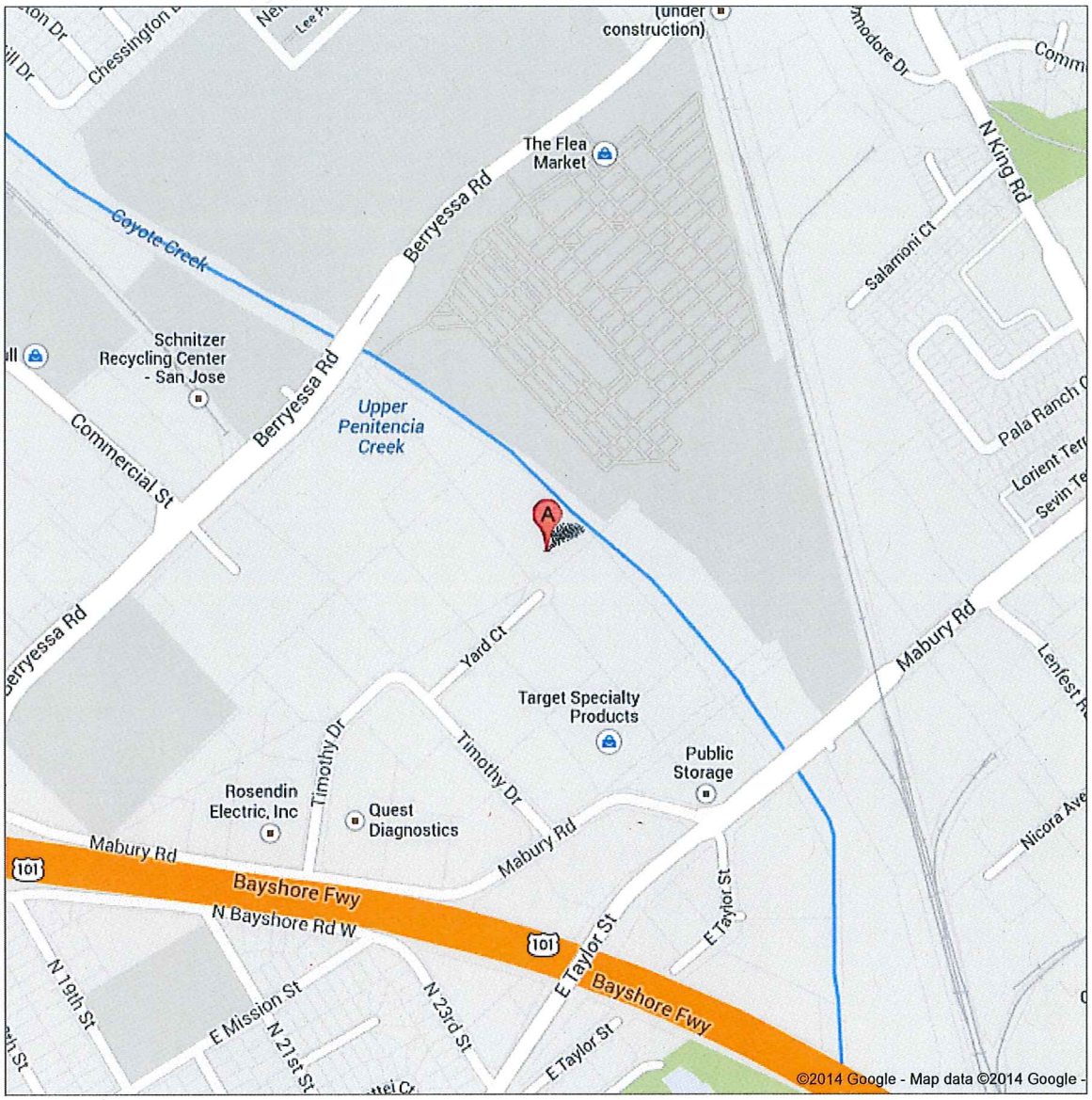
**ESTMATED DIVERSION RATE:**
Processing and transfer will occur on site at the facility. The anticipated diversion rate at this facility will be 50%.

**JURISDICTIONS SERVED:**
The FMTPO serves primarily the City of Santa Clara and Unincorporated County of Santa Clara, in addition to other regional jurisdictions.

**FACILITY LOCATION:**
The Facility is located at 1060 Richard Avenue, Santa Clara, CA 95050 (see the attached map).

Google

Address **1255 Yard Ct**
**San Jose, CA 95133**



# Fact Sheet #32
# ECO Box Recycling, Inc.
# San Jose, California

**TYPE OF FACILITY:**
Medium Construction and Demolition/Inert Debris Processing Facilities (25 tpd $\leq x <$ 175 tpd)

ECO Box Recycling San Jose proposes to operate a Registration Tier Permitted CDI Facility on this property.

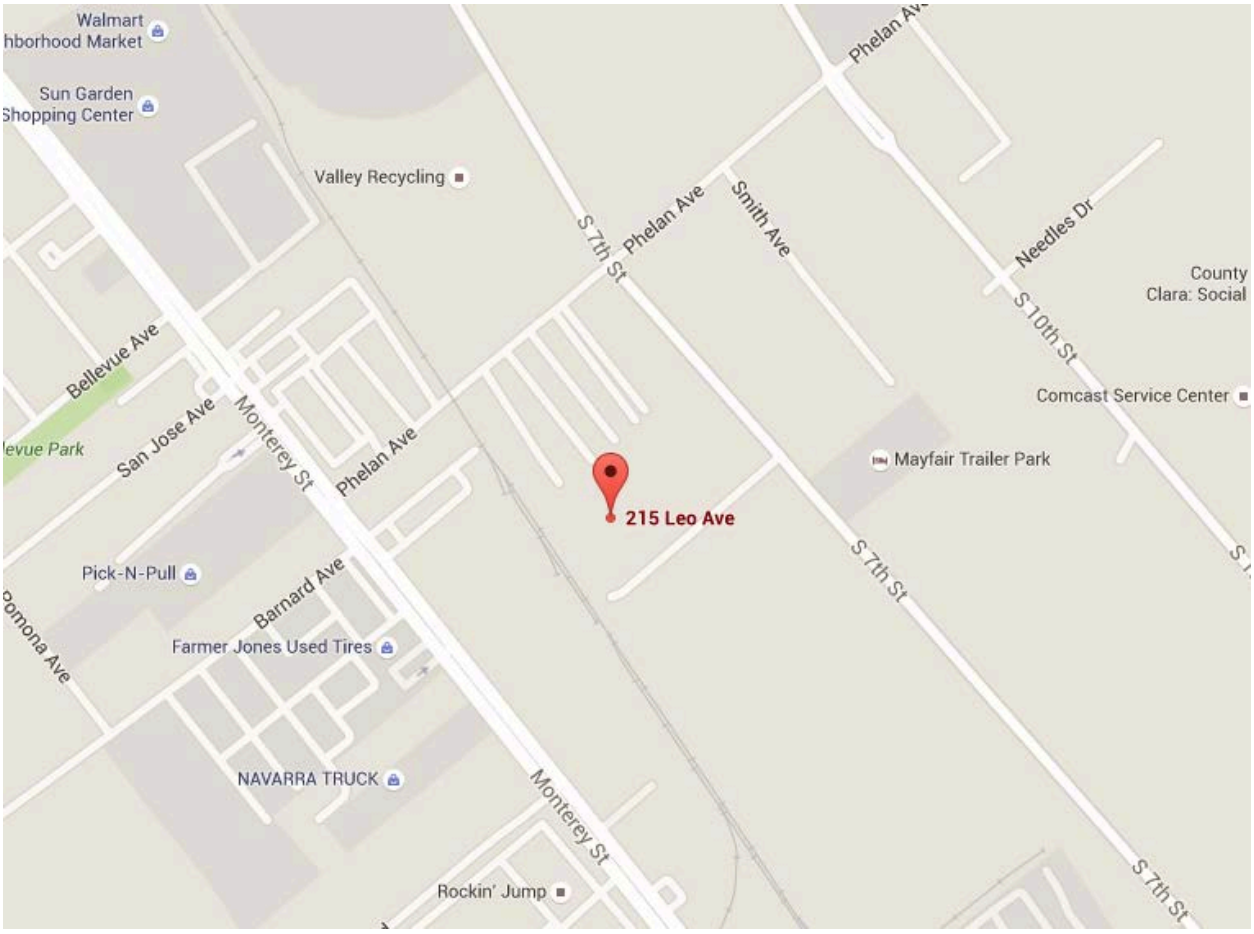
**FACILITY CAPACITY:**
75 tons per day maximum volume of CDI material received

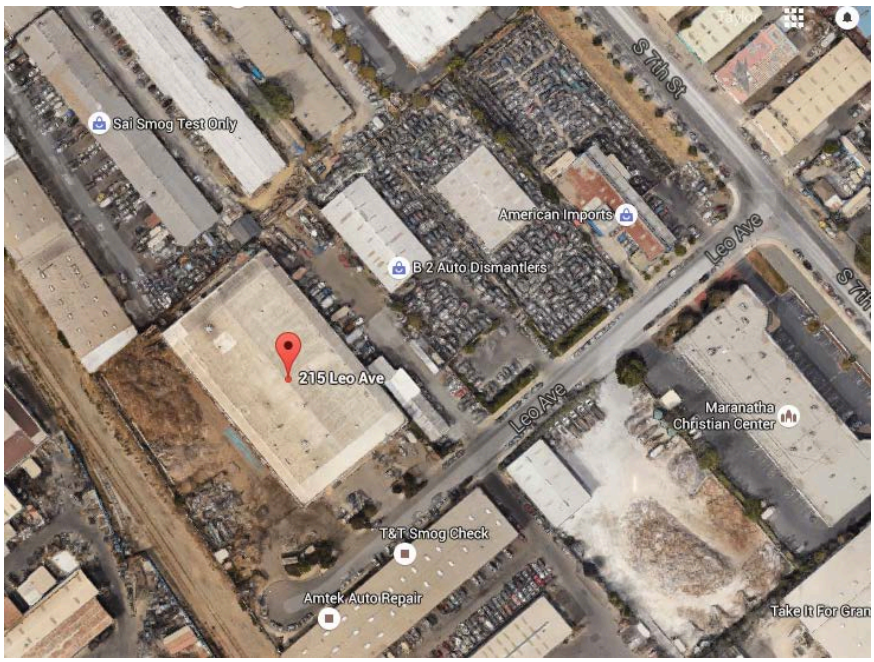
**ESTIMATED DIVERSION:**
All clean source separated material type received will be segregated and delivered for reuse or recycling. All comingled CDI materials received will be sorted, processed, separated, and delivered to other CDI processing certified facilities, and permitted landfills. Material transferred from facility is anticipated to be delivered to facilities both within and outside of Santa Clara County for recycling, reuse, processing of materials, and residue disposal. Diversion from landfilling of materials received is estimated to be in excess of 60%.

**JURISDICTIONS SERVED:**
This facility will be available to serve the City of San Jose, surrounding municipalities, and the unincorporated areas of Santa Clara County.

**LOCATION:**
The proposed site for this facility will be located 1255 Yard Court, San Jose, CA 95133. Refer to attached Site Location (see attached map).

**MAP OF LEO RECYCLE**
215 Leo Ave
San José, CA




Google
Map data ©2016 Google

# Fact Sheet # 33
# Leo Recycle
# San José, California

**TYPE OF FACILITY:**
Medium Construction and Demolition/Inert Debris Processing Facilities (25 tpd $\leq x <$ 175 tpd)

Lam Hauling, Inc. (DBA: Leo Recycle) proposes to operate a Registration Tier Permitted CDI Facility on this property. The facility consists of one half (25,000 square feet, designated Suite 10) of the building located at 215 Leo Ave (50,000 square foot building). The second half of the building (Suite 20) is operating independently as a Recycling Center, as defined by CalRecycle. Both Suites have access and utilize the same entrances, exits, parking, roads, and scale.

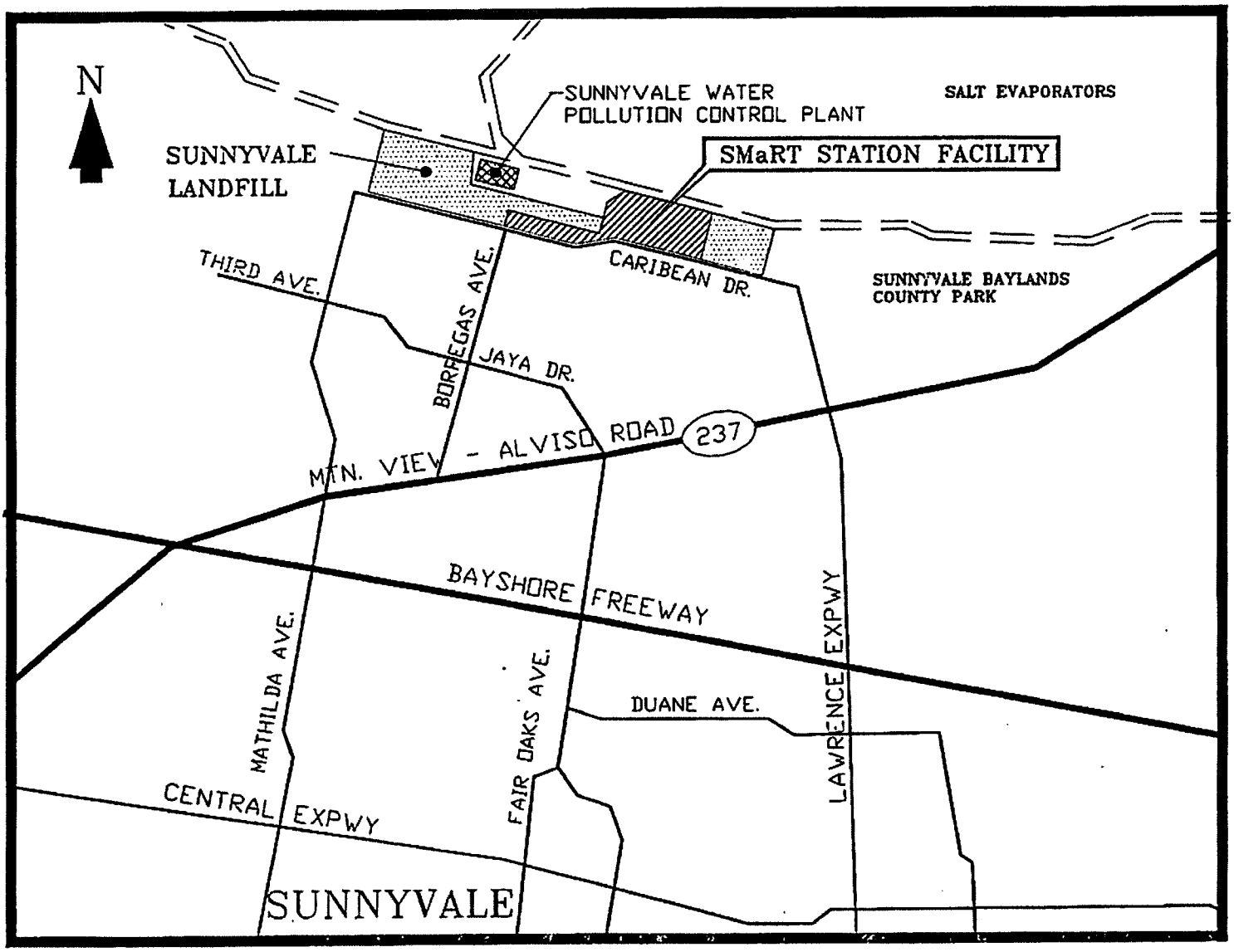
Leo Recycle accepts Construction & Demolition debris, Inert debris, Green waste. Materials are inspected and weighed prior to receipt. Once accepted, materials are deposited into designated piles and/or sorted, before being transported to their appropriate processing facilities. Residual materials are transported to permitted landfills.

**FACILITY CAPACITY:**
175 tons per day maximum volume of CDI material received.

**ESTIMATED DIVERSION:**
All clean source separated material type received will be segregated and delivered for reuse or recycling. All co-mingled CDI materials received will be sorted, processed, separated, and delivered to other CDI processing certified facilities, and permitted landfills. Material transferred from facility is anticipated to be delivered to facilities both within and outside of Santa Clara County for recycling, reuse, processing of materials, and residue disposal -- including Merced County and Solano County. Diversion from landfilling of materials received is estimated to be in excess of 60%.

**JURISDICTIONS SERVED:**
This facility will be available to serve the City of San Jose, surrounding municipalities, and the unincorporated areas of Santa Clara County.

**LOCATION:**
The facility is located 215 Leo Ave, San Jose, CA 95112. It is zoned as Heavy Industrial and conforms to its surrounding urban pattern. See attached map.




LOCATION MAP



| | | |
|---|---|---|
| DRAWN BY: JA<br>DATE:<br>CHEC'D BY:<br>DATE: | SMaRT STATION FACILITY<br>LOCATION MAP | APPROVED BY:<br>PE NO.<br>DATE: |
| SCALE: NONE | City of Palo Alto | DRAWING NO. |

# Fact Sheet #34
# Sunnyvale Food Materials Transfer/Processing Operations
# Santa Clara, California

**TYPE OF FACILITY:**
The Sunnyvale Food Materials Transfer/Processing Operation (FMTPO) is currently owned and operated by Bay Counties Waste Services and is located on approximately 0.9 acres at the existing Sunnyvale Materials Recovery and Transfer Station (SMaRT Station®).

The Sunnyvale FMTPO is a transfer/processing facility handling food materials source-separated by restaurants, cafeterias, grocery stores and other food facilities, as well as source-separated food materials from the Sunnyvale residential food scraps collection program. Once processed these materials are transferred to other facilities for use as a compost feedstock, anaerobic digestion feedstock, or in the production of animal feed. The FMTPO uses sealed containers for the collection of food materials, where they are introduced into proprietary equipment for separation from contaminants. The enclosed processing system retains all liquids and food materials in a sealed tank which will be pumped into sealed trailers for transportation, with residual contaminants returned to the transfer station tip floor for appropriate disposition.

The Sunnyvale FMTPO will process food materials into a usable feedstock commodity for composting, anaerobic digestion, or animal feed, minimizing landfill and transportation emissions and ultimately the size of the facility and community carbon footprints.

**FACILITY CAPACITY:**
The FMTPO is designed to handle up to 99 tons per day of food materials and approximately 40 vehicle trips per day.

**ESTMATED DIVERSION RATE:**
Processing and transfer will occur on site at the facility. The estimated diversion rate at this facility is 70%.

**JURISDICTIONS SERVED:**
The Sunnyvale FMTPO will initially serve the City of Sunnyvale and may add materials from other regional jurisdictions.

**FACILITY LOCATION:**
The Facility is located on City of Sunnyvale owned property, northeast of the intersection of Caribbean Drive and Borregas Avenue, at 301 Carl Road, Sunnyvale (see attached map).