July 14, 2006

TO: Members of the Facility and Plan Review Subcommittee
Los Angeles County Solid Waste Management Committee/
Integrated Waste Management Task Force

FROM: Chuk Agu CA
Staff

POTENTIAL REVISIONS TO CHAPTER 7 OF THE LOS ANGELES COUNTY COUNTYWIDE SITING ELEMENT

Attached is the third draft revision of Chapter 7 (Proposed In-County Facility Locations and Descriptions) of the Countywide Siting Element for your consideration and discussion at the July 20, 2006, Subcommittee meeting. Please note that facility information contained in tables and fact sheets in this Chapter will continue to be updated as new information becomes available.

If you have any questions, please contact me at (626) 458-3556, Monday through Thursday, 7 a.m. to 5:30 p.m.

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Attach.

CHAPTER 7
PROPOSED IN-COUNTY FACILITY LOCATIONS AND DESCRIPTIONS

7.1 PURPOSE AND REQUIREMENTS

The purpose of this chapter is to present a description and location map of sites identified: (1) as potentially suitable for development of new solid waste disposal facilities, including class III landfills, inert waste landfills, transformation facilities, and conversion technology facilities; and (2) as potential expansion of the existing disposal facilities, where applicable. ~~Also, included is a discussion and identification of sites and/or areas potentially suitable for development of conversion technologies~~. The contents of this chapter are consistent with the requirements of Section 18756.1 of Title 14 of the California Code of Regulations (CCR).

7.2 SPECIFIC REQUIREMENTS

Section 18756.1 of Title 14 of the CCR specifies the following:

(a) The Siting Element shall include a description of each proposed new solid waste disposal facility and a description of each proposed expansion of an existing solid waste disposal facility included in the Siting Element. The description shall include the type of facility, location, size, volumetric capacity of the facility expressed in tons and cubic yards, life expectancy (years), expansion options of the existing or proposed facility, and post-closure uses.

(1) Each Siting Element shall include one or more maps indicating the location of each proposed solid waste disposal facility and adjacent and contiguous parcels. The map(s) shall be drawn to scale and include the scale on the map sheet. The type of map(s) may be a 7.5 or 15-minute USGS quadrangle.

(b) A description shall be provided in the Siting Element of how each proposed solid waste disposal facility contributes to and maintains the minimum of 15 years of combined permitted disposal capacity as described in Subsection 18755(a) of Title 14 of the CCR and is consistent with the diversion goals of Public Resources Code Section 41780.

7.3 DEFINITIONS

Unless noted otherwise, the following definitions are used for the purposes of this Chapter and the CSE.

7.3.1 ~~Definition of~~ Expansion

Expansion of a solid waste disposal facility refers to ~~is defined as~~ (1) an increase in the physical dimension of the facility; (2) an increase in the permitted daily disposal rate, throughput, or intake/processing capacity; ~~a solid waste disposal facility~~, and/or (3) an extension or renewal of a permit whose expiration date may affect the operation of the facility, whichever is applicable. For a landfill, ~~A~~a physical expansion may be vertical by increasing the permitted elevation to which solid waste may be disposed and/or horizontal by increasing the permitted boundary in which solid waste may be disposed to areas contiguous or adjacent to the area of the existing operation.

7.3.2 Class III Landfill

Class III landfill refers to those facilities which must be located where site characteristics and containment structures isolate solid waste from the waters of the State. "Class III Landfills" must meet the requirements of the Federal Resource Conservation and Recovery Act, Subtitle D, and the CCR, Title 23, Section 2533, as well as those mandated by Sections 17000 et seq., of Title 14 of the CCR and other regional and local rules and regulations.

7.3.3 Inert Waste Landfills

The term "inert waste landfills" refers to a broad category of landfills which accept only inert waste for disposal. Inert waste landfills are grouped into four distinct regulatory tiers consistent with the Construction and Demolition Waste and Inert Debris Disposal Regulatory requirements, Section 17387, Article 5.95, of Title 14 of the CCR. Inert waste includes materials such as soil, concrete, asphalt, and other construction and demolition debris. These landfills must be designed and operated in accordance with all laws and regulations mandated by State, regional, and local jurisdictions.

7.3.4 Transformation Facility

Transformation facility refers to a facility whose principal function is to convert, combust, or otherwise process solid waste by incineration, pyrolysis, destructive distillation, or to chemically or biologically process solid wastes, for the purpose of volume reduction, synthetic fuel production, or energy recovery, pursuant to Section 18720 of the CCR.

Transformation does not include a composting, gasification, or biomass conversion facility, pursuant to Section 40201 of the PRC.

7.3.5 Waste-to-Energy Facility

Waste-to-energy facility refers to a transformation facility, such as the Commerce Refuse to Energy Facility in the City of Commerce and the Southeast Resource Recovery Facility in City of Long Beach, that engages in the cogeneration of electricity through the incineration of unrecyclable solid waste.

7.3.6 Conversion Technologies

Conversion technologies refer to a wide array of state of the art technologies (other than transformation as defined above) capable of converting unrecyclable solid waste into useful products, green fuels and clean, renewable energy in an environmentally beneficial way, through noncombustible thermal, chemical or biological processes, other than composting.

7.3.7 Biomass Conversion

Biomass conversion refers to the controlled combustion, when separated from other solid waste and used for producing electricity or heat, of the following materials: (1) agricultural crop residues, (2) bark, lawn, yard and grass clippings, (3) leaves, silvicultural residue, and tree and brush pruning, (4) wood, wood chips, and wood waste, (5) non-recyclable pulp or non-recyclable paper materials. “Biomass Conversion” does not include the controlled combustion of recyclable pulp or recyclable paper materials, or materials which contain sewage sludge, industrial sludge, medical waste, hazardous waste, or either high-level or low-level radioactive waste (pursuant to Section 40106 of the PRC).

7.4 INTRODUCTION

In Los Angeles County, five existing Class III landfills and one inert waste landfill have been identified for potential expansion. However, ~~. N~~no site has been identified for potential development of new Class III or inert waste landfills. Additionally, there is no proposal to develop new or expand the existing transformation (waste-to-energy) facilities. However, proposals to develop new conversion technology facilities in Los Angeles County are being considered by the County and City of Los Angeles.

Prior to development of any of these sites, the project proponent is required to:

- o Undertake a vigorous site specific assessment for the proposed project.

- o Address all environmental concerns as mandated by the California Environmental Quality Act. Demonstrate that the project is consistent with the applicable local jurisdiction's General Plan. and/or land use permitting/zoning requirements.

- o Demonstrate that the project is in conformance with the Countywide Siting Element (CSE) and its Siting Criteria, by obtaining a Finding of Conformance from approval of the Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force). The Finding of Conformance process is discussed in Chapter 10, and the Siting Criteria including new regulatory requirements promulgated as a result of AB 1497 are is specified in Chapter 6.

- o Satisfy the permitting requirements of local, State, and Federal agencies with jurisdiction over the project.

7.5 CLASS III LANDFILLS

The siting of solid waste disposal facilities Class III landfills in Los Angeles County has always been a complex undertaking, involving public and private ownership and/or operation of disposal facilities, multi-agency regulations, and regional versus local considerations. This task continues to be increasingly more difficult in light of more stringent regulations, increasing public opposition, and the complex and lengthy permitting process.

7.5.1 Potential New Class III Landfills

In the June 1997 CSE, two sites located (in unincorporated Los Angeles County) namely, (Elsmere and Blind Canyon) were identified for potential development of new Class III landfills. However, on September 30, 2003, the County of Los Angeles Board of Supervisors unanimously adopted a motion to remove these sites from the CSE's list of potential new landfills. As a result, the CSE does not identify any site for development of it is highly unlikely that new Class III landfills will be developed in in Los Angeles County. for the foreseeable future.

7.5.2 Potential Expansions of Existing Class III Landfills

Six Class III landfill sites in Los Angeles County~~, namely, (~~Antelope Valley, Chiquita Canyon, Lancaster, Puente Hills, Scholl Canyon, and Sunshine Canyon) were identified in the June 1997 CSE as sites for potential expansion of existing Class III landfills. Of these sites, the Antelope Valley, Chiquita Canyon, Lancaster, and Puente Hills landfills subsequently expanded and are currently operational or are fully permitted. Only a portion of the Sunshine Canyon Landfill subsequently expanded (i.e., Phase I of City Landfill Unit 2) and is currently fully operational. However, Scholl Canyon Landfill has not yet expanded, and thus remains identified as a site for potential future expansion.

In 2005-2006, the Los Angeles County Department of Public Works conducted a study, as part of the CSE revision process, to determine the existing remaining disposal capacity as well as the potential for expansion of landfills and waste-to-energy facilities in Los Angeles County~~ as well as the potential for expansion of these facilities.~~ The study consisted of a written survey of all permitted solid waste disposal facilities and review of solid waste disposal facility permitting data, including permits issued by local land use agencies, local enforcement agencies, California Regional Water Quality Control Boards, and the California Integrated Waste Management Board. A follow up survey of the cities where the potential landfill expansions are located was also conducted.

Operators of the following six~~five~~ Class III landfills have filed or intend to file applications for future landfill expansions of the existing facilities within this planning period:

- Antelope Valley Recycling and Disposal Facility
- Bradley Landfill and Recycling Center
- Chiquita Canyon Landfill
- Lancaster Landfill and Recycling Center
- Scholl Canyon Sanitary Landfill
- Sunshine Canyon Landfill

However, the ongoing re-grade project in Savage Canyon Landfill to increase waste fill operations vertically and horizontally is not considered an expansion for the purposes of the CSE because the proposed increase in waste fill operations are within the permitted disposal area and maximum permitted disposal elevation. Therefore, Savage Canyon Landfill is not included in the discussion of Class III landfill expansions below.

7.5.2.1 Antelope Valley Recycling and Disposal Facility Expansion

The Antelope Valley Recycling and Disposal Facility ~~.~~is located in the City of Palmdale in the northeastern portion of Los Angeles County. The facility is owned and operated by USA Waste of California. ~~.~~The existing facility consists of two distinct areas, designated as Landfill I and Landfill II.

Landfill I was annexed into the City of Palmdale in December 1963 as part of the City's incorporation. It consists of 72 acres with a permitted disposal area of 57 acres~~,~~ and a permitted disposal rate of 1,400 tpd.

Landfill II was approved on ~~–~~April 8, 1992, by the Los Angeles County Regional Planning Commission (Conditional Use Permit No. 85512-(5)) as a horizontal (non-contiguous) expansion of Landfill I into the then adjacent County unincorporated area. The Commission later granted CUP No. 93041-(5) which amended~~ing~~ condition 10d of CUP No. 85512-(5) to increase the net tonnage of waste placed in ~~the l~~Landfill II to a maximum of 1,800 tpd.

Landfill II was issued a SWFP on June 12, 1997, and was subsequently annexed into the City of Palmdale on November 21, 2003. It consists of 108 acres with a permitted disposal area of 57 acres. It has a disposal capacity of 9.2 million cubic yards (~~7.5~~6.4 million tons at an average density of ~~0.81~~ 0.70 tons/cubic yard) and a life expectancy of 12.5 years. The current land use entitlement for Landfill II stipulates that waste will not be disposed in Landfill II until Landfill I is closed. Therefore, Landfill II is not yet operational.

The operator is proposing an expansion consisting of: (1) a reconfiguration of Landfill II;~~,~~ (2) an expansion within the approximately 11-acre area between Landfills I and II to join the two landfills;~~,~~ (3) an increase in the overall site acreage by 5 acres;~~,~~ (4) a modification of the permitted landfill maximum height of Landfill I (~~–~~3,205 feet above mean sea level) and Landfill II (3,140 feet above mean sea level) to 3,200 feet above mean sea level for the combined landfill;~~,~~ and (5) an increase in the daily maximum permitted disposal capacity for the combined facility from 1,800 tpd to 3,600 tpd.

Based on the Antelope Valley Public Landfill, December 2005 Draft Environmental Impact Report (DEIR), ~~T~~the proposed project would increase the combined site acreage from 180 to 185 acres and the disposal acreage from 114 to 125 acres, and result in an additional 12.8 million cubic yards of disposal capacity (9 million tons at assumed average density of 0.7 tons/cubic yard) and increase the life expectancy by 1.5 years.

The ~~An~~ Draft Environmental Impact Report (DEIR) ~~for the proposed expansion is currently~~ was circulated for public review and comment. The review period ended on January 27, 2006. The DEIR is under ~~under public~~ review by the City of Palmdale.

7.5.2.2 Bradley Landfill and Recycling Center Expansion

Bradley Landfill is located in the Sun Valley Community of the City of Los Angeles. The ~~l~~Landfill is owned and operated by Waste Management Recycling and Disposal Services of California Inc., a wholly owned subsidiary of Waste Management, Inc.

The facility encompasses 209 acres and consists of three contiguous landfill areas (designated/permitted as Bradley East, Bradley West, and Bradley West Extension). Bradley East (70 acres) was used for disposing municipal solid waste from 1958 until 1980, when it started accepting only inert waste. Bradley West (71 acres) began operations and accepting municipal solid waste in 1980, under a separate zone variance. The contiguous Bradley West Extension (68 acres), located in the southwesterly portion of the site, was later added to Bradley West as one permitted unit. An FOC was granted by the Task Force for all three areas on May 16, 1996.

On June 2, 1998, the City of Los Angeles Planning Department approved a request from the facility owner/operator for change in the grading configuration of the landfill. The City LEA issued a SWFP for the grading change on April 15, 2003. The facility currently operates under a Zone Variance [Case No. ZA 94-0792(ZV)] granted by the City of Los Angeles. Bradley West/West Extension currently operates under SWFP No. 19 AR - 0008 while Bradley East operates under SWFP No. 19-AR-0004.

The owner/operator has filed an application for a land use permit to allow an expansion of the existing landfill and a unified SWFP for Bradley West/West Extension and Bradley East. The expansion would consist of two Phases. Phase I is a transitional 43-foot vertical expansion to increase the maximum height of the landfill from 1,010 to 1,053 feet above mean sea level and reduce the daily disposal rate from 10,000 tpd to 7,000 tpd.

The expansion would add 4.7 million cubic yards to the site's capacity (i.e., 3.5 million tons at ~~1,500 pounds~~0.75 tons/~~ per~~ cubic yard) and 1.5 years to the life of the landfill (based on 7,000 tpd and 318 days/~~ per~~ year). The added capacity would allow the landfill to operate until the established closure date of April 14, 2007 (when the zone variance expires), or upon reaching a maximum elevation of 1,053 feet above ~~MSL~~mean sea level,

whichever, comes first; and transition from on-site landfilling to use of the site as a MRF/Transfer Station (i.e., Phase II of the expansion).

~~A~~ The Draft EIR ~~for~~ for the proposed expansion was circulated for ~~is currently under~~ public review. ~~.~~ The review period ended on April 6, 2006. The Final EIR is currently being prepared.

7.5.2.3 Chiquita Canyon Landfill Expansion

Chiquita Canyon Landfill is located in the unincorporated area of Los Angeles County in the northwestern Santa Clarita Valley, approximately 3 miles west of the junction of Interstate 5 and State Route 126 (SR-126). The landfill is owned and operated by Republic Services of California I, LLC. The existing facility operates on a 592-acre site with a permitted disposal footprint of approximately 257 acres.

On October 12, 2004, the owner/operator filed an application to expand the landfill footprint approved in 1996 under CUP 89-091 by approximately 98 acres within the existing site boundaries. When added to the currently permitted landfill footprint of 257 acres, the proposed expansion would result in a landfill disposal footprint of approximately 355 acres.

The proposed horizontal and vertical expansion would add approximately ~~47~~ 46.3 million cubic yards of disposal capacity (approximately 32 million tons at average density of 0.69 tons/cubic yard). The total expansion will increase the life of the landfill by approximately ~~21~~ 20.5 years and is expected to become operational in 2008.

The Notice of Preparation for the proposed expansion was prepared and circulated for review, and the review period ended on September 15, 2005. The ~~A d~~Draft EIR for the proposed expansion is currently being prepared.

7.5.2.4Lancaster Landfill and Recycling Center Expansion

Lancaster Landfill and Recycling Center (LLRC) is located in the northeastern portion of unincorporated Los Angeles County approximately two miles northeast of the City of Lancaster.

Waste Management Corporation of California, Inc. has operated the LLRC since 1973 when it acquired the site. At that time, the landfill encompassed an 82-acre disposal footprint within a 102-acre site. On May 13, 1998, the Los Angeles County Regional Planning Commission

approved a CUP allowing a 62-acre horizontal and contiguous expansion (Western Landfill Area), and 112-acre non-contiguous horizontal expansion east of the original landfill area (Eastern Landfill Area). A SWFP for the expansion was issued on September 7, 2000.

The existing landfill site is approximately 276 acres with 82 acres of current active disposal. The Eastern and Western Landfill Areas are permitted but inactive. The owner/operator has applied for an increase in the daily permitted disposal capacity from 1,700 tpd to 3,000 tpd.

A Draft EIR for the proposed expansion is currently being prepared.

7.5.2.4 Scholl Canyon Sanitary Landfill Expansion

The Scholl Canyon Sanitary Landfill is located north of the Ventura Freeway in the City of Glendale. The Landfill is operated by the County Sanitation Districts of Los Angeles County (CSD) pursuant to a Joint Powers Agreement (JPA) between the CSD, City of Glendale (City) and the County, on land owned by the City, ~~–~~the County, and Southern California Edison Company.

The Landfill is on a 440 acre-site, consisting of a 314-acre permitted disposal area and a closed disposal area on the north side of the Landfill. The daily permitted disposal rate is 3,400 tpd~~,~~; however, the Landfill currently accepts approximately 1,500 tpd.

The Landfill is operating under a Use Variance (Case No. 6668-U) granted on November 27, 1978. As of ~~June 30, 2001,~~ December 31, 2004, the ~~estimated remaining~~ remainder of the landfill disposal capacity permitted under the 1978 Use Variance and fill plan was approximately 7.3~~8.7~~ million tons. It is estimated that after ~~once~~ the permitted disposal capacity is exhausted, approximately 6 million tons of potentially available capacity would still remain at the site.

The potential expansion of Scholl Canyon Sanitary Landfill is recognized in the JPA governing the operation of the site~~,~~; however, no definite expansion has been proposed.

7.5.2.5 Sunshine Canyon Landfill Expansion (City and County sides)

Sunshine Canyon Landfill is located in the community of Sylmar in the northeast area of the San Fernando Valley, and is owned and operated by Browning-Ferris Industries of California, Inc. (BFI), a subsidiary of Allied Waste Services, Inc. Currently, the Landfill consists of two separate operations. One lies within County unincorporated area~~s~~ (County-side),

and the other within the City of Los Angeles (City-side).

City of Los Angeles

Landfilling operations began on the City-side in 1958. In 1966, the City approved a 25-year variance expanding the landfill within the City-side. In September 1991, the City-approved variance expired and landfilling operations ceased on the City-side (Unit 1 of City Landfill).

On December 8, 1999, the Los Angeles City Council approved a General Plan Amendment and Zone Change (Ordinance No. 172933) that authorized landfilling to resume on the City-side of the Landfill (Unit 2 of the City Landfill) located on a 494-acre site. On May 13, 2003, the CIWMB concurred with the issuance of a revised SWFP for Phase I of Unit 2 of the City Landfill. Phase I of Unit 2 began operation on July 27, 2005. It has a design disposal area of approximately 84 acres, a disposal capacity of approximately 7.5 million tons and a maximum permitted daily disposal rate of 5,500 tons/day and/or a maximum weekly disposal rate of 30,000 tons/week (an average daily rate of 5,000 tons).

County of Los Angeles

A Conditional Use and Oak Tree Permit (No. 86-312) to allow BFI to extend landfilling into the County-side (County Extension) was granted by the County in November 1993 and landfilling commenced in August 1996. The CUP also contemplated the ultimate development of a combined County/City landfill. The existing County landfill is on a 542 acre-site with a permitted disposal area of 167.4 acres. It also has a disposal capacity of approximately 17 million tons with a maximum permitted daily disposal rate of 6,600 tons/day and/or a maximum weekly disposal rate of 36,000 tons/week (an average daily rate of 6,000 tons).

Combined City/County Landfill

As indicated in the June 1997 CSE, a vertical and horizontal expansion of the County and City-sides were contemplated in order to combine the two landfills. The combined landfill would have an ultimate site area of 1,036 acres and an estimated combined disposal footprint of approximately 403.4 acres with approximately 90 million tons of disposal capacity. The City-side would comprise of 194 acres of disposal footprint with a total estimated disposal capacity of 55 million tons (including the existing disposal capacity of 7.5 million tons). The County-side would comprise of 209.4 acres of disposal footprint with an estimated disposal capacity of 35 million tons (including the 17 million-ton County Extension).

BFI is currently seeking necessary permits that would allow it to expand the City-side (Phase II of Unit 2) and the County-side~~,~~ to develop the full capacity of 90 million tons within a single working face. The proposed expansion would result in additional disposal area of 152 acres (110 acres for City-side and 42-acre bridge area for County-side), a disposal capacity of 65.5 million tons (47.5 million tons for City-side and 18.0 million tons for County-side), and a combined life expectancy of 22.6 years, if operating at its maximum permitted disposal rate.

7.6 INERT WASTE LANDFILLS

The current classification of inert waste landfills is primarily governed by the State's new C&D regulations, which has four regulatory tiers, namely, full solid waste facility permit, registration, enforcement agency notification, and excluded operations. However, pursuant to these regulations, only inert waste landfills falling under the full and registration tiers are considered permitted disposal facilities.

There are 12 inert waste landfills in Los Angeles County, most of which are undergoing reclassification as a result of the new C&D regulations. The inert waste landfills and their current classifications under the C&D regulations are listed in Table 7-4. Only Azusa Land Reclamation and Peck Road Gravel Pit have full or registration tier permits. Seven of the landfills are classified as inert debris engineered fill operations, while three are not yet classified.

7.6.1 Potential New Inert Waste Landfills

No site has been identified for potential development of new inert waste landfills~~-~~ in Los Angeles County within this planning period.

7.6.2. Potential Expansions of Existing Inert Waste Landfills

7.6~~5~~.~~3~~2.1Peck Road Gravel Pit Expansion

Peck Road Gravel Pit is an inert waste landfill located in the City of Monrovia, and owned and operated by S.L.S. & N., Inc. The site is a gravel pit used for mining sand and gravel, recycling, and disposal of inert material, and is currently permitted to dispose of 1,210 tpd of non-hazardous inert waste.

The owner/operator has proposed a 41-acre expansion into an area in the City of Irwindale. On September 14, 2000~~-~~, the City of Irwindale approved ~~a~~ CUP No. 95-4 for the expansion. On March 21, 2002, the Task Force granted a revised FOC for the expansion. The operator is currently pursuing the remaining permit approvals for the proposed expansion.

7.7 TRANSFORMATION FACILITIES

Transformation technologies have been identified as an effective means to divert solid waste from landfills. As a result, transformation facilities remain a valid solid waste disposal alternative ~~for future consideration/development~~ in Los Angeles County.

~~–~~For the purposes of this Chapter, transformation facilities only refer to waste-to-energy facilities, such as the two waste-to-energy facilities in Los Angeles County, namely, the Commerce Refuse to Energy Facility in the City of Commerce and the Southeast Resource Recovery Facility in the City of Long Beach.

~~Chapter 5 provides a description of alternative solid waste disposal technologies.~~

7.7.1 Potential New Transformation Facilities

No site has been identified for potential development of new transformation (waste-to-energy) facilities in Los Angeles County for this planning period.

7.7.2. Potential Expansions of Existing Transformation Facilities

Currently, there are no ~~new (or~~ proposed expansions of existing~~)~~ transformation (waste-to-energy) facilities in Los Angeles County and therefore, none have been identified in this CSE.

7.8 CONVERSION TECHNOLOGY FACILITIES

Currently, there are ~~exist~~ no conversion technology (CT) facilities in Los Angeles County. However, in order to encourage their development~~, of alternative waste management options,~~ the County is working with the Alternative Technology Advisory Subcommittee (ATAS) of the Task Force ~~began an effort~~ to investigate and promote conversion technologies. As part of their investigation, ~~T~~the County and ATAS have conducted a series of studies to evaluate conversion technologies with the ultimate goal of developing a conversion technology demonstration facility in Southern California. The studies ~~culminated~~ resulted in the development of the Los Angeles County Conversion Technology Evaluation (CTE) Report, adopted by the Task Force on August 18, 2005.

Concurrently, the City of Los Angeles is also conducting its own conversion technology studies with the goal of developing seven CT facilities by the year 2025. The City's effort is highlighted ~~demonstrated~~ by the adoption of the RENEW LA Resource Management Blueprint for the

City of Los Angeles which promotes conversion technologies.

These efforts demonstrate the promise and likely development of CT facilities in Los Angeles County and the Southern California region in ~~within~~ the ~~next 15~~coming years. As such, CSE's disposal capacity analysis assumes that up to 6,000 tpd of solid waste will be managed through conversion technologies by the end of the 15-year planning period. ~~However, at this time, the regulatory status of CT is uncertain due to lack of legislative clarification on which conversion technologies should be categorized as solid waste disposal facilities and therefore listed in a County's Siting Element.~~ However, it should be noted that at this time, the regulatory status of CT is still uncertain due to lack of legislative clarification on which conversion technologies should be categorized as solid waste disposal facilities, and therefore included and listed in a Siting Element.

A detailed discussion of conversion technologies is included in Chapter 5 (Alternative Disposal Technologies) of the CSE.

~~Although the Task Force considers alternative technologies to landfilling (including conversion technologies) as recycling activities deserving of full diversion credit towards the State's waste reduction mandates for residual solid waste managed through these technologies, in the absence of legislative clarification, the Waste Board considers CT facilities as disposal activities. As a result, alternative technologies (including conversion technologies) have been incorporated into the CSE goals. Similarly, as a conservative approach, CT facilities are being considered as disposal facilities in this Chapter at this time.~~

~~Nevertheless, conversion technology facilities would still be considered as an alternative disposal technology, therefore, a detailed discussion of conversion technologies is included in Chapter 5 (Alternative Disposal Technologies) of the CSE. Additionally, conversion technology facilities will be included in host jurisdiction's Non-disposal Facilities Element.~~

~~The locations of major MRFs/TS and other areas in the County (as described in Section 7.4.3 below) with land use designation potentially suitable for locating conversion technology facilities are listed in Tables 7-1 and 7-2 and shown in Figures 7-8 and 7-9.~~

7.8.1 Potential New Conversion Technology Facilities

The CTE Report recommends co-locating conversion technology facilities at material recovery facilities and transfer stations due to numerous benefits of co-location such as readily available feedstock, pre-processing capacity, appropriate zoning, potential land availability, and transportation avoidance. The locations of major MRFs/TS and other areas in

Los Angeles County with land use designation potentially suitable for locating conversion technology facilities are listed in Tables 7-1 and 7-2 and shown in Figures 7-9 and 7-10.

The CTE Report also recommended the development of a conversion technology demonstration facility co-located with a MRF in Southern California; and identified six conversion technology suppliers and six MRFs that would be suitable to carry out this task. Table 7-1 identifies the six locations currently identified by the CTE Report as potentially suitable for development of the conversion technology demonstration facility in Southern California. It is anticipated that successful operation of this demonstration facility will encourage the development of other conversion technology projects.

The CTE Report recommends siting of CT facilities atin industrial zones and the six MRFs/TS on the short-list of the demonstration site are all located in areas zoned as heavy industrial. The City of Los Angeles is also investigating the development of a number of conversion technology facilities which may be sited at MRFs. The RENEW LA Resource Management Blueprint for the City of Los Angeles recommends CT projects be sited in industrial zones of the City of Los Angeles and for the City to revise its zoning ordinance to allow CTs by right in all M-2 (light industrial) and M-3 (heavy industrial) zones with conditions.

Table 7-2 and Figure 7-98 identify 30 existing permitted major MRFs/TS in Los Angeles County that may be potentially suitable for co-locating a conversion technology facility. MRFs/TS are located in areas with different land use categories. A sample of the land use designations for the locations of the major MRFs/TS includes heavy industrial zones, and general, heavy, light and industrial manufacturing zones.; heavy industrial; and multiple family residence.

Based on the above, the Southern California Association of Governments (SCAG) General Plan Land Use categories that are potentially suitable for siting MRFs/TS are (1) light industrial category (e.g., light industrial, limited manufacturing, etc.), (2) heavy industrial category (e.g. , heavy industrial, light manufacturing, heavy manufacturing, general manufacturing, etc.) , (3) miscellaneous industrial category (e.g., landfill, solid waste disposal, quarry zone, etc.), (4) utilities category (e.g., recycling center, etc.), (5) general industrial category (e.g., industrial, light and heavy manufacturing, etc.).

Therefore, this Chapter includes a map (Figure 7-109) showing areas in the County that are potentially suitable for locating a CT facility. These are areas within the cities and unincorporated Los Angeles cCounty areas with land use categories of (1) light industrial category (e.g., light industrial, limited manufacturing, etc.); (2) heavy industrial category

(e.g. , heavy industrial, light manufacturing, heavy manufacturing, general manufacturing, etc.); (3) miscellaneous industrial category (e.g., landfill, solid waste disposal, quarry zone, etc.); (4) utilities category (e.g., recycling center, etc.); and (5) general industrial category (e.g., industrial, light and heavy manufacturing, etc.).~~light, general, heavy and miscellaneous industrial and utilities category based on SCAG's General Plan Land Use map for Los Angeles County.~~ These areas are generally suitable for siting major MRFs/TS and therefore ~~potentially~~ may be suitable for co-locating a conversion technology facility.

The fact that an area or location is identified in this CSE as potentially suitable for siting a CT facility does not automatically mean that a CT facility will be sited at that area or location. ~~However, it must be noted that d~~Designation and approval of the land use ~~or issuance of a variance~~ to locate a CT facility at any of the locations and areas identified in Tables 7-1 and 7-2 and Figures 7-9~~8~~ and 7-10~~9~~ ultimately lie~~s~~ with the governing local land use authority. Moreover, any conversion technology facility project to be located at any of the sites or areas must comply with the requirements listed in Section 7.4~~3~~ above.

7.8.2 Potential Expansions of Conversion Technology Facilities

Currently, there are no ~~existing~~ conversion technology facilities in Los Angeles County, and therefore, no proposed expansions have been identified in this CSE.

7.9 BIOMASS CONVERSION FACILITIES

There are no existing or proposed new biomass conversion facilities in Los Angeles County, therefore, biomass facilities are not discussed in this Chapter.

7.10 TABLES, FACT SHEETS AND MAPS

The following are (1) tables listing potential locations of new and expansion of existing disposal facilities; ~~,~~ (2) fact sheets describing each potential expansion of existing disposal facilities; and (3) figures showing the locations of the facilities, and maps of the expansion sites and areas potentially suitable for locating new CT facilities.~~, and maps describe each potential new and potential expansions of existing solid waste disposal facilities in Los Angeles County.~~

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Table 7-1
POTENTIAL LOCATIONS FOR A CONVERSION TECHNOLOGY DEMONSTRATION FACILITY[1]

Facility Name	SWIS[2]	Location Address	Owner	Operator	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
Del Norte Regional Recycling and Transfer Station	56-AA-0128	111 South Del Norte Blvd. Oxnard, CA 93030	BLT Enterprises of Oxnard, Inc.	BLT Enterprises of Oxnard, Inc.	16	1,350	2,700
Robert A. Nelson Transfer Station and Materials Recovery Facility	33-AA-0258	1830 Agua Mansa Road Rubidoux, CA 92509	Agua Mansa MRF, LLC	Agua Mansa MRF, LLC	12	2,700	2,700
Perris Transfer Station and Materials Recovery Facility	33-AA-0239	1706 Goetz Road Perris, CA 92570	CR & R Incorporated	CR & R Incorporated	12	1,800	3,600
Central Los Angeles Recycling Center and Transfer Station	19-AR-1182	2201 Washington Blvd. Los Angeles, CA 90034	City of Los Angeles Bureau of Sanitation	City of Los Angeles Bureau of Sanitation	9	4,025	5,500
Community Recycling/Resource Recovery, Inc.	19-AR-0303	9147 De Garmo Avenue Sun Valley, CA 91352	Thomas Fry	Community Recycling and Resource Recovery	4	1,700	1,700

1 List of preferred MRF/TS in Southern California for potential development of conversion technology facility, Tables 3-4 and 4-1 of County of Los Angeles Conversion Technology Evaluation Report, August 2005.
2 The SWIS (Solid Waste Information System) number is the same as SWFP number.
3 Based on the permitted weekly capacity divided by the permitted number of operating days per week.
4 Tons per day, six days per week.
5 The total daily quantity of solid waste the facility is allowed to receive in accordance to the terms, conditions, and limitations of relevant permits.

Table 7-1
POTENTIAL LOCATIONS FOR A CONVERSION TECHNOLOGY DEMONSTRATION FACILITY[1]

Facility Name	SWIS[2]	Location Address	Owner	Operator	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
The Santa Clarita Materials Recovery Facility/Transfer Station	None[6]	26000 Springbrook Avenue Santa Clarita, CA 91350	Burrtec Waste Industries	None[7]	N/A[8]	N/A	1,000

6 This facility does not have a Solid Waste Facility Permit at this time.
7 This facility is not yet operational and is expected to open in the near future. No operator has been named at this time.
8 "N/A" means information is not available.

Table 7-2
LIST OF PERMITTED MAJOR[1] MATERIAL RECOVERY FACILITIES/TRANSFER STATIONS IN LOS ANGELES COUNTY

Facility Name	SWIS[2]	Location	Owner	Operator	Thomas Guide	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
American Waste Transfer Station	9-AA-0001	1449 West Rosecrans Avenue Gardena, CA 90247	Republic Services of California	Republic Services of California	733-F3	2	1,600	4,032
Angelus Western Paper Fibers, Inc.	19-AR-1185	2474 Porter Street Los Angeles, CA 90021	Bloom Investment	Angelus Western Paper Fibers, Inc.	634-H7	1	650	700
Athens Services	19-AA-0863	14048 East Valley Boulevard Industry, CA 91746	Arakelian Enterprises, Inc.	Athens Services	637-H4	14	1,920	1,920
Bel-Art Waste Transfer Station	19-AK-0001	2501 East 68th Street Long Beach, CA 90805	Consolidated Disposal Services, LLC	Consolidated Disposal Services, LLC	735-F6	3	1,500	1,500
Beverly Hills Refuse Transfer Station	19-AA-0252	9357 West Third Street Beverly Hills, CA 90210	City of Beverly Hills	City of Beverly Hills	632-G1	N/A[6]	120	250
Browning Ferris Industries Recycling and Transfer Station	19-AA-0048	2509 West Rosecrans Avenue Compton, CA 90220	BFI Waste Systems of N.A. Inc.	BFI Waste Systems of N.A. Inc.	734-E3	3	1,100	4,000

1 A major MRF/Transfer Station is a large volume solid waste transfer/processing facility with a daily capacity of at least 100 tons per day (tpd).
2 The SWIS (Solid Waste Information System) number is the same as the SWFP number.
3 Based on a survey.
4 Tons per day, six days per week.
5 Permitted capacity is the total quantity of solid waste the facility is allowed to receive in accordance to the terms, conditions, and limitations of relevant permits. The permitted capacity listed is based on information from the Waste Board's web site.
6 "N/A" means information is not available.

Table 7-2
LIST OF PERMITTED MAJOR[1] MATERIAL RECOVERY FACILITIES/TRANSFER STATIONS IN LOS ANGELES COUNTY

Facility Name	SWIS[2]	Location	Owner	Operator	Thomas Guide	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
Carson Transfer Station and Materials Recovery Facility	19-AQ-0001	321 West Francisco Street Carson, CA 90745	USA Waste of California, Inc.	USA Waste of California, Inc.	764-B4	6	3,000	5,300
Central Los Angeles Recycling Center and Transfer Station	19-AR-1182	2201 Washington Boulevard Los Angeles, CA 90034	City of Los Angeles Bureau of Sanitation	City of Los Angeles Bureau of Sanitation	566-F2	9	1,330	5,500
City of Lancaster Maintenance Yard, MVTS	19-AA-1053	46008 North 7th Street West Lancaster, CA 93534	City of Lancaster Public Works	City of Lancaster Public Works	4015-G2	16	15	150
City of Santa Monica Transfer Station	19-AA-0008	2500 Michigan Avenue Santa Monica, CA 90404	City of Santa Monica	City of Santa Monica	631-H7	N/A	250	600
City Terrace Recycling Transfer Station	19-AA-0859	1511-1525 Fishburn Avenue City Terrace, CA 90063	Robert M. Arsenian	Robert M. Arsenian	635-D3	1	200	200
Coastal Material Recovery Facility and Transfer Station	19-AA-0857	357 West Compton Boulevard Gardena, CA 90248	Phoenix Waste and Recycling Services	Phoenix Waste and Recycling Services	734-C4	2	150	500
Community Recycling/Resource Recovery, Inc.	19-AR-0303	9147 De Garmo Avenue Sun Valley, CA 91352	Thomas Fry	Community Recycling and Resource Recovery	533-B1	4	1,460	1,700

Table 7-2
LIST OF PERMITTED MAJOR[1] MATERIAL RECOVERY FACILITIES/TRANSFER STATIONS IN LOS ANGELES COUNTY

Facility Name	SWIS[2]	Location	Owner	Operator	Thomas Guide	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
Culver City Transfer and Recycling Station	19-AA-0404	9255 West Jefferson Boulevard Culver City, CA 90232	City of Culver City-Sanitation Division of Public Works Department	City of Culver City-Sanitation Division of Public Works Department	672-J1	1	220	500
Downey Area Recycling and Transfer Station (DART)	19-AA-0801	9770 Washburn Road Downey, CA 90241	LA County Sanitation District and Downey Area Recycling and Transfer	LA County Sanitation District and Downey Area Recycling and Transfer	706-C7	6	5,000	5,000
East Los Angeles Recycling and Transfer Station	19-AA-0845	1512 N. Bonnie Beach Place City Terrace, CA 90063	Perdomo/BLT Enterprises, LLC c/o Consolidated Services, Inc.	Perdomo/BLT Enterprises, LLC c/o Consolidated Services, Inc.	635-E2	1	692	700
East Street Maintenance District Yard	19-AA-0816	452 San Fernando Road Los Angeles, CA 90065	City of Los Angeles Bureau of Street Maintenance	City of Los Angeles Bureau of Street Maintenance	594-J7	3	64	459
Falcon Refuse Center, Inc.	19-AR-0302	3031 East "I" Street Wilmington, CA 90744	BFI Waste Systems of North America	BFI Waste Systems of North America	795-A6	5	1,200	1,850
Granada Hills Street Maintenance District Yard	19-AA-0817	10210 Etiwanda Avenue Northridge, CA 91325	City of Los Angeles Bureau of Street Maintenance	City of Los Angeles Bureau of Street Maintenance	500-J4	3	43	459
Grand Central Recycling and Transfer Station	19-AA-1042	999 Hatcher Avenue City of Industry, CA 91748	Grand Central Recycling and Transfer Station Inc.	Grand Central Recycling and Transfer Station Inc.	678-G3	10	1,100	5,000

Table 7-2
LIST OF PERMITTED MAJOR[1] MATERIAL RECOVERY FACILITIES/TRANSFER STATIONS IN LOS ANGELES COUNTY

Facility Name	SWIS[2]	Location	Owner	Operator	Thomas Guide	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
H & C Disposal Co.	19-AA-1041	3249 W. El Segundo Boulevard Hawthorne, CA 90250	H & C Disposal Co.	H & C Disposal Co.	733-B2	1	120	150
Innovative Waste Control	19-DE-0001	4133 Bandini Boulevard Vernon, CA 90023	Innovative Waste Control, Inc.	Innovative Waste Control, Inc.	675-E4	2	1,250	1,250
Mission Road Recycling and Transfer Station	19-AR-1183	840 South Mission Road Los Angeles, CA 90033	Waste Management Inc.-Bradley Landfill & Miss	Waste Management Inc.-Bradley Landfill & Miss	634-J6	3	1,350	1,785
Paramount Resource Recycling Facility	19-AA-0840	7230 Petterson Lane Paramount, CA 90723	Metropolitan Waste Disposal Corporation	Paramount Resource Recycling, Inc.	735-F2	4	2,400	2,400
Puente Hills Materials Recovery Facility	19-AA-1043	2800 Workman Mill Road Whittier, CA 90601	County of Los Angeles Sanitation District	County of Los Angeles Sanitation District	637-D7	25	500	4,400
South Gate Transfer Station	19-AA-0005	9530 South Garfield Avenue South Gate, CA 90280	County of Los Angeles Sanitation District	County of Los Angeles Sanitation District	705-G4	4	1,000	2,200

Table 7-2
LIST OF PERMITTED MAJOR[1] MATERIAL RECOVERY FACILITIES/TRANSFER STATIONS IN LOS ANGELES COUNTY

Facility Name	SWIS[2]	Location	Owner	Operator	Thomas Guide	Site Acreage	Average Daily Tonnage[3] (tpd-6)[4]	Permitted Capacity[5] (tpd-6)
Southern California Disposal Co. Recycling and Transfer Station	19-AA-0846	1908 Frank Street Santa Monica, CA 90404	Southern California Disposal Co. Recycling and Transfer Station	Southern California Disposal Co. Recycling and Transfer Station	671-H1	N/A	1,056	2,112
Southwest Street Maintenance District Yard	19-AA-0818	5860 South Wilton Place Los Angeles, CA 90047	City of Los Angeles Bureau of Street Maintenance	City of Los Angeles Bureau of Street Maintenance	673-H6	3	76	459
Van Nuys Street Maintenance District Yard	19-AA-0814	15145 Oxnard Street Van Nuys, CA 91411	City of Los Angeles Bureau of Street Maintenance	City of Los Angeles Bureau of Street Maintenance	561-H1	3	17	225
Waste Management South Gate Transfer Station	19-AA-0856	4489 Ardine Street South Gate, CA 90280	H.B.J.J. Inc. Subsidiary of USA Waste	H.B.J.J. Inc. Subsidiary of USA Waste	705-D3	2	700	2,000

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Table 7-3
SUMMARY OF POTENTIAL EXPANSIONS OF EXISTING DISPOSAL FACILITIES

SITE NAME (HOST JURISDICTION)	OPERATOR	PROPOSED EXPANSION	PROPOSED DAILY DISPOSAL RATE (tpd-6)[1]	INCREASE IN DISPOSAL AREA (acres)	INCREASE IN REMAINING DISPOSAL CAPACITY (million tons)	INCREASE IN REMAINING LIFE (years)
POTENTIAL EXPANSIONS OF EXISTING CLASS III LANDFILLS						
Antelope Valley Recycling and Disposal Facility (City of Palmdale)	USA Waste of California	Reconfiguration of Landfill II. Vertical and horizontal expansion of Landfill II and in bridge area between Landfill I and Landfill II	3,600	11	9	1.5[2]
Bradley Landfill and Recycling Center (City of Los Angeles)	Waste Management Recycling and Disposal Services of California, Inc.	43-foot vertical expansion, coupled with a decrease in daily disposal rate	7,000[3]	None	3.5~~25~~	1.5
Chiquita Canyon Landfill (County Unincorporated Area)	Republic Services of California I, LLC	Horizontal and vertical expansion	None	98	32	21
Lancaster Landfill and Recycling Center (County Unincorporated Area)	Waste Management Corporation of California, Inc.	Increase in daily disposal rate	3,000 [4]	None	None	Not Applicable[5]

1 Tpd-6 means tons per day, six days per week.
2 Based on Antelope Valley Public Landfill, December 2005 DEIR, Table 3-2, Page 3-11.
3 Operator is proposing a reduction in daily disposal rate from 10,000 tpd to 7,000 tpd.
4 The current disposal rate is 1,700 tpd.
5 The proposed increase in daily disposal rate will result in a decrease rather than an increase in life expectancy.

Table 7-3
SUMMARY OF POTENTIAL EXPANSIONS OF EXISTING DISPOSAL FACILITIES

SITE NAME (HOST JURISDICTION)	OPERATOR	PROPOSED EXPANSION	PROPOSED DAILY DISPOSAL RATE (tpd-6)[1]	INCREASE IN DISPOSAL AREA (acres)	INCREASE IN REMAINING DISPOSAL CAPACITY (million tons)	INCREASE IN REMAINING LIFE (years)
Scholl Canyon Sanitary Landfill (City of Glendale)	County Sanitation Districts of Los Angeles County	To be determined[6]	To be determined	To be determined	To be determined	To be determined
Sunshine Canyon Landfill (County Unincorporated Area & City of Los Angeles)	BFI of California, Inc.	Vertical and horizontal expansion including the bridge area and combining City and County sides	12,100[7]	152	65.5	22.6
POTENTIAL EXPANSIONS OF EXISTING INERT WASTE LANDFILLS						
Peck Road Gravel Pit City of Irwindale	S.L.S. & N., Inc.	Horizontal expansion	None	40	7.2	18.4

6 County Sanitation District has not yet determined the type and scope of the intended expansion.
7 Combined maximum permitted daily disposal rate (County-side: 6,600 tpd or 36,000 tons/week; City-side: 5,500 tpd or 30,000 tons /week).

Table 7-4

INERT WASTE LANDFILLS IN LOS ANGELES COUNTY

FACILITY	SWFP #	TYPE OF SOLID WASTE FACILITY PERMIT	TYPE OF OPERATION	ADDRESS	TELEPHONE NUMBER	THOMAS GUIDE PAGE/GRID	PERMITTED DAILY INTAKE CAPACITY (tons/day)
Atkinson Brick Company	None	None	N/A[1]	13633 South Central Avenue Los Angeles, CA 90059	(714)897-4311	734-F1	N/A
Azusa Land Reclamation landfill	19-AA-0013	Full	CDI Waste Disposal Facility	1211 West Gladstone St. Azusa, CA 91702	(626)969-1384	598-G2	6,500
Chandler's Palos Verdes Sand	19-AA-0004	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	26311 Palos Verdes Drive East Rolling Hills Estates, CA 90274	(310)784-2910	793-G7	500,000 tons/year[2]
Hanson Aggregates	19-AA-0044	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	13550 Live Oak Avenue Irwindale, CA 91706-1318	(626)856-6717	598-A2	Not Available
Lower Azusa Reclamation Project	19-AA-0868	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	12321 Lower Azusa Road Arcadia, CA 91106-5889	(909)625-1049	597-G5	4,000 cubic yards/day[3]

1 N/A means not applicable.
2 Information is only available in tons/year.

Table 7-4

INERT WASTE LANDFILLS IN LOS ANGELES COUNTY

FACILITY	SWFP #	TYPE OF SOLID WASTE FACILITY PERMIT	TYPE OF OPERATION	ADDRESS	TELEPHONE NUMBER	THOMAS GUIDE PAGE/GRID	PERMITTED DAILY INTAKE CAPACITY (tons/day)
Montebello Land & Water Company	19-AA-0019	None	N/A	283 E. Maiden Lane Montebello, CA 90640	(323)722-8654	676-F2	N/A
Nu-Way Arrow Reclamation (formerly United Rock Products Pit #1 Inert Landfill)	19-AA-1074	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	1270 Arrow Highway Irwindale, CA 91706	(626)969-4971	598-A1	7,500
Nu-Way Live Oak Reclamation	19-AA-0849	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	13620 Live Oak Lane Irwindale, CA 91706	(626)969-4971	598-A2	7,500
Peck Road Gravel Pit	19-AA-0838	Full	CDI Waste Disposal Facility	128 Live Oak Avenue Monrovia, CA 91016	(626)574-7570	597-D2	1,210
Strathern Landfill	19-AR-1016	None[4]	N/A	8230 Tujunga Avenue Sun Valley, CA 91352	(818)768-9292	532-J2	2,700
Vulcan Materials Company (Calmat Reliance Pit # 2)	19-AA-0854	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	15990 Foothill Boulevard Irwindale, CA 91706	(602)528-8944	568-F6	6,000

3 Information is only available in cubic yards/day.
4 Currently operating as an inert waste landfill with a permit from City of Los Angeles. The operator is in the process of obtaining an Enforcement Agency Notification from the City of Los Angeles to operate as an Inert Debris Engineered Fill Operation (IDEFO).

Table 7-4

INERT WASTE LANDFILLS IN LOS ANGELES COUNTY

FACILITY	SWFP #	TYPE OF SOLID WASTE FACILITY PERMIT	TYPE OF OPERATION	ADDRESS	TELEPHONE NUMBER	THOMAS GUIDE PAGE/GRID	PERMITTED DAILY INTAKE CAPACITY (tons/day)
Vulcan Materials Company (Sun Valley Landfill Site)	19-AR-1160	Enforcement Agency Notification	Inert Debris Engineered Fill Operation	11520 Sheldon Street Sun Valley, CA 91352	(602)528-8944	502-H5	6,000

Fact Sheet 7-1

ANTELOPE VALLEY RECYCLING AND DISPOSAL FACILITY EXPANSION

1. FACILITY TYPE

Class III.

2. LOCATION

1200 West City Ranch Road, Palmdale, CA 93551.

3. OWNER/OPERATOR

USA Waste of California, Inc.

4. SIZE

Proposed Increase in Disposal Area:	11 acres
Proposed Increase in Site Area:	5 acres
Total Acreage of Disposal Area:	125 acres (Landfill I (57 acres); Landfill II (57 acres); Expansion (11 acres))
Total Acreage of Site:	185 acres (Landfill I (72 acres); Landfill II (108 acres); Expansion (5 acres))

5. VOLUMETRIC CAPACITY

In-Place Density:	0.70 tons/cubic yard
Proposed Increase in Daily Disposal Rate:	1,800 tons/day to 3,600 tons/day
Additional Facility Capacity:	[9.0 million tons][1] 12.8 million cubic yards[2]

7. LIFE EXPECTANCY -

Existing:	14.6 years[3]
Additional:	1.5 years[4]

8. EXPANSION OPTIONS

No additional expansion is proposed.

9. POST-CLOSURE USES

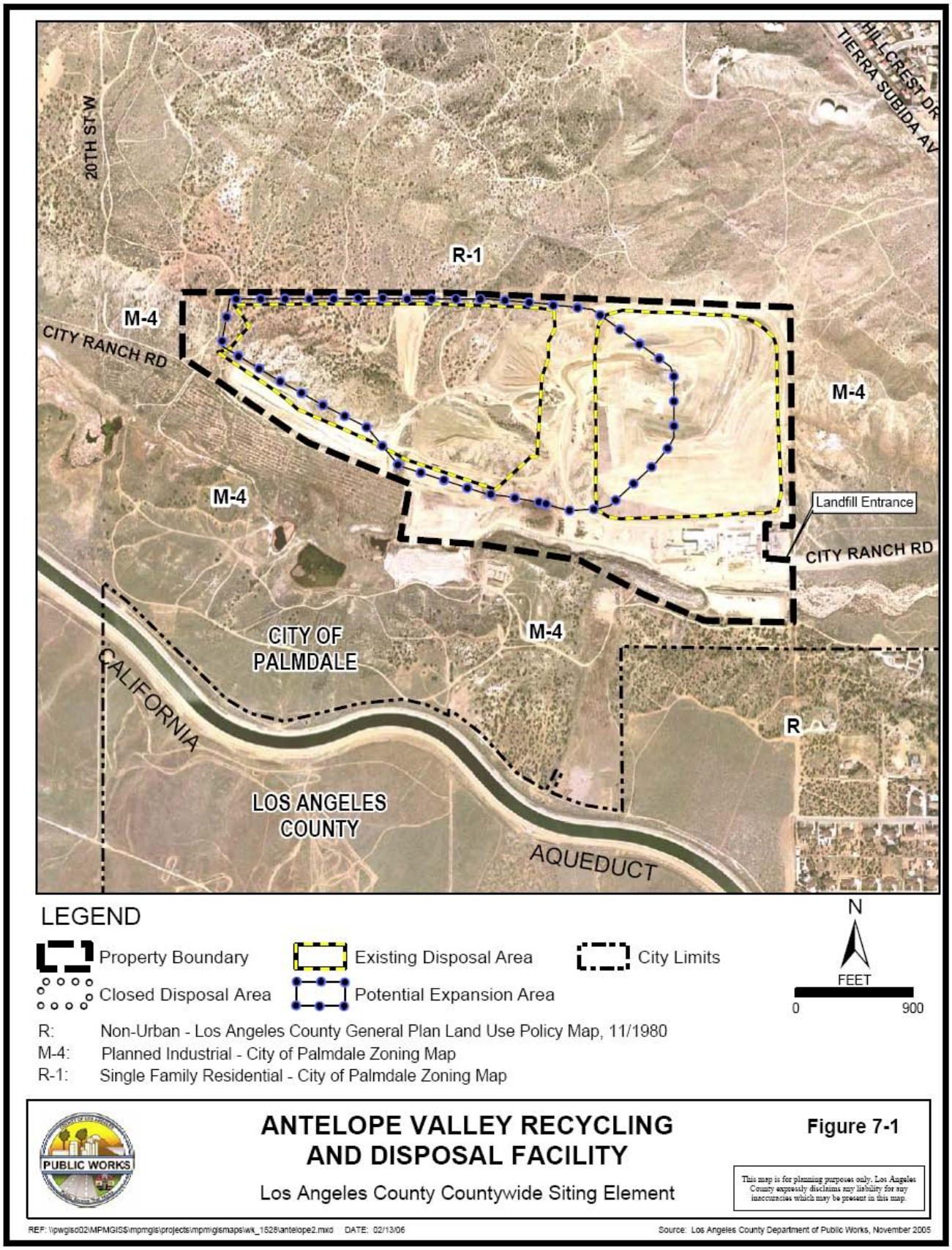
Open Space

1 Calculated or assumed quantities are shown in brackets.

2 Based on Antelope Valley Public Landfill, December 2005 DEIR, Table 3-2, Page 3-11 According to the DEIR, the 12.8 million cubic yards excludes the 9.2 million cubic yards of total permitted airspace for Landfill II. The DEIR also states that even though the SWFP lists the total airspace for Landfill II as 8.2 million cubic yards, in actuality, it is 9.2 million cubic yards, and is within the 11 million cubic yards studied for in the 1991 EIR.

3 The sum of site life for Landfill I (2.1 years) and Landfill II (12.5 years) per the December 2005 DEIR

4 Site life of proposed combined landfill (16.1 years) less remaining life of total existing landfill (14.6 years) per the December 2005 DEIR.


20TH ST W
HILLCREST DR
TIERRA SUBIDA AV
R-1
M-4
CITY RANCH RD
M-4
M-4
Landfill Entrance
CITY RANCH RD
CITY OF PALMDALE
M-4
CALIFORNIA
R
LOS ANGELES COUNTY
AQUEDUCT
LEGEND
Property Boundary
Existing Disposal Area
City Limits
Closed Disposal Area
Potential Expansion Area
N
FEET
0
900
R: Non-Urban - Los Angeles County General Plan Land Use Policy Map, 11/1980
M-4: Planned Industrial - City of Palmdale Zoning Map
R-1: Single Family Residential - City of Palmdale Zoning Map
PUBLIC WORKS
ANTELOPE VALLEY RECYCLING AND DISPOSAL FACILITY
Los Angeles County Countywide Siting Element
Figure 7-1
This map is for planning purposes only. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map.
REF: \\pwgis02\MPMGIS\mpmgis\projects\mpmigismaps\wk_1528\antelope2.mxd DATE: 02/13/06
Source: Los Angeles County Department of Public Works, November 2005

BRADLEY LANDFILL AND RECYCLING CENTER EXPANSION

1. FACILITY TYPE

Class III

2. LOCATION

9227 Tujunga Avenue, Sun Valley, CA 91352.

3. OWNER/OPERATOR

Waste Management Recycling and Disposal Services of California, Inc.

4. SIZE

Proposed Increase in Disposal Area:	None
Proposed Increase in Site Area:	None
Total Acreage of Disposal Area:	171 acres (126 acres for West/West Extension; 45 acres for Bradley East)
Total Acreage of Site:	209 acres (156 acres for West/West Extension)

5. VOLUMETRIC CAPACITY

In-Place Density:	0.75 tons/cubic yard
Proposed Increase in Daily Disposal Rate:	None (proposed a reduction from 10,000 tons/day to 7,000 tons/day)
Additional Facility Capacity:	3.5 million tons[1] 4.7 million cubic yards[1]

6. LIFE EXPECTANCY

Existing:	2 years (based on 157,400 tons of remaining disposal capacity as of 12/31/2004 at 270 tons/day, 312 days/year)[2]
Additional:	1.5 years (based on 3.525 million tons at 7,000 tpd, 318 days/year)[1]

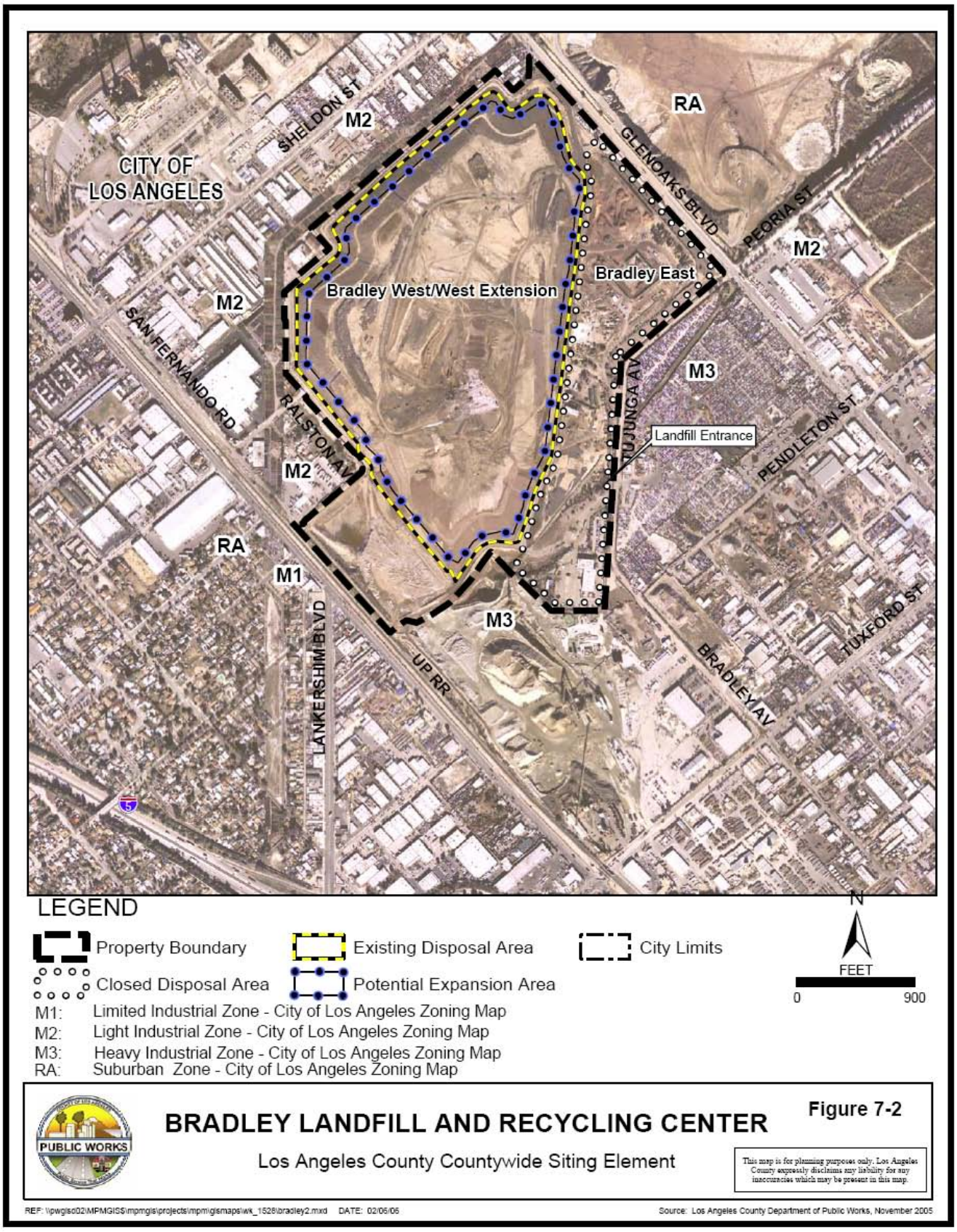
7. EXPANSION OPTIONS

No additional expansion is proposed.

8. POST-CLOSURE USES

Recycling of green waste/wood operations on portion of Bradley East. Landfill Gas to Energy and Liquefied Natural Gas facility on portion of Bradley East. Transfer Station/MRF on Bradley West/West Extension and portion of Bradley East that has not undergone closure.

1 Based on Bradley Landfill Recycling Center Transition Master Plan Draft EIR, December 2005
2 Based on Los Angeles County Integrated Waste Management Plan 2004 Annual Report on the Countywide Siting Element.


CITY OF
LOS ANGELES
SHELDON ST
M2
RA
GLENOAKS BLVD
PEORIA ST
M2
Bradley West/West Extension
Bradley East
M2
SAN FERNANDO RD
M3
TUJUNGA AV
RALSTON AV
Landfill Entrance
PENDLETON ST
M2
RA
M1
M3
LANKERSHIM BLVD
UP RR
BRADLEY AV
TUXFORD ST
LEGEND
Property Boundary
Existing Disposal Area
City Limits
Closed Disposal Area
Potential Expansion Area
M1: Limited Industrial Zone - City of Los Angeles Zoning Map
M2: Light Industrial Zone - City of Los Angeles Zoning Map
M3: Heavy Industrial Zone - City of Los Angeles Zoning Map
RA: Suburban Zone - City of Los Angeles Zoning Map
N
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900
PUBLIC WORKS
BRADLEY LANDFILL AND RECYCLING CENTER
Figure 7-2
Los Angeles County Countywide Siting Element
This map is for planning purposes only. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map.
REF: \\pwgis02\MPMGIS$\mpmgis\projects\mpmgismaps\wk_1526\bradley2.mxd DATE: 02/06/06
Source: Los Angeles County Department of Public Works, November 2005

Fact Sheet 7-3

CHIQUITA CANYON LANDFILL EXPANSION

1. FACILITY TYPE

Class III

2. LOCATION

29201 Henry Mayo Drive, Valencia, CA 91355.

3. OWNER/OPERATOR

Republic Services of California I, LLC

4. SIZE

Proposed Increase in Disposal Area:	98 acres
Proposed Increase in Site Area:	None
Total Acreage of Disposal Area:	355 acres
Total Acreage of Site:	592 acres

5. VOLUMETRIC CAPACITY

In-Place Density:	0.69 tons/cubic yard	
Proposed Increase in Daily Disposal Rate:	None	
Additional Facility Capacity:	32 million tons[1]	46.3 million cubic yards[1]

6. LIFE EXPECTANCY -

Existing:	9.6 years (based on 15 million tons of remaining disposal capacity as of 5/19/2004 at 5,121 tons/day, 306 days/year)[1]
Additional:	[20.5 years][2] (based on 32 million tons at 30,000 tons/week)[1]

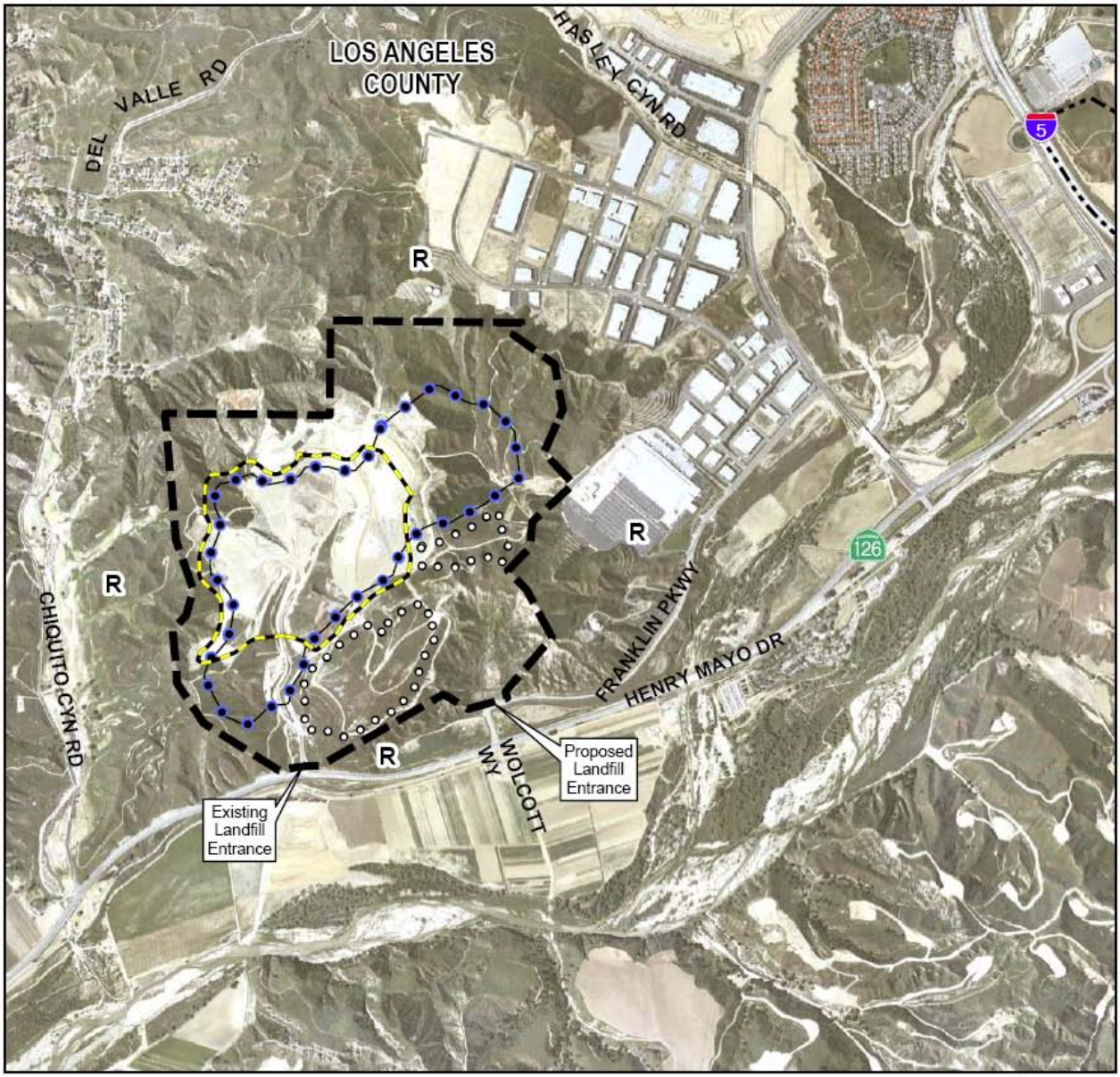
7. EXPANSION OPTIONS

No additional expansion is proposed.

8. POST-CLOSURE USES

Open Space

1 Based on a survey.
2 Calculated or assumed quantities are shown in brackets.



LEGEND

Property Boundary
Existing Disposal Area
City Limits
Closed Disposal Area
Potential Expansion Area

R: Non-Urban - Los Angeles County General Plan Land Use Policy Map, 11/1980

N

FEET
0 1400

PUBLIC WORKS

CHIQUITA CANYON LANDFILL

Los Angeles County Countywide Siting Element

Figure 7-3

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REF: \\pwgisd02\MPMGIS$\mpmgis\projects\mpmigismaps\wk_1528\chiquita2.mxd DATE: 02/09/06

Source: Los Angeles County Department of Public Works, November 2005

Fact Sheet 7-4

LANCASTER LANDFILL AND RECYCLING CENTER EXPANSION

1. FACILITY TYPE

Class III

2. LOCATION

600 East Avenue F, Lancaster, CA 93535. The Lancaster Landfill is located in the unincorporated area of Los Angeles County.

3. OWNER/OPERATOR

Waste Management Corporation of California, Inc.

4. SIZE

Proposed Increase in Disposal Area:	None
Proposed Increase in Site Area:	None
Total Acreage of Disposal Area:	209 acres
Total Acreage of Site:	276 acres

5. VOLUMETRIC CAPACITY

In-Place Density:	.76 tons/cubic yard
Proposed Increase in Daily Disposal Rate:	1,700 tpd to 3,000 tpd
Additional Facility Capacity:	None

6. LIFE EXPECTANCY

Existing	27 years (based on 14.2 million tons of remaining disposal capacity as of 11/24/2004)[1]
Additional	N/A [(Reduction by 12 years based on 14.2 million tons of remaining disposal capacity as of 11/24/2004 and increase of 1,300 tpd (3,000 tpd – 1,700 tpd) at 312 days/year)][2]

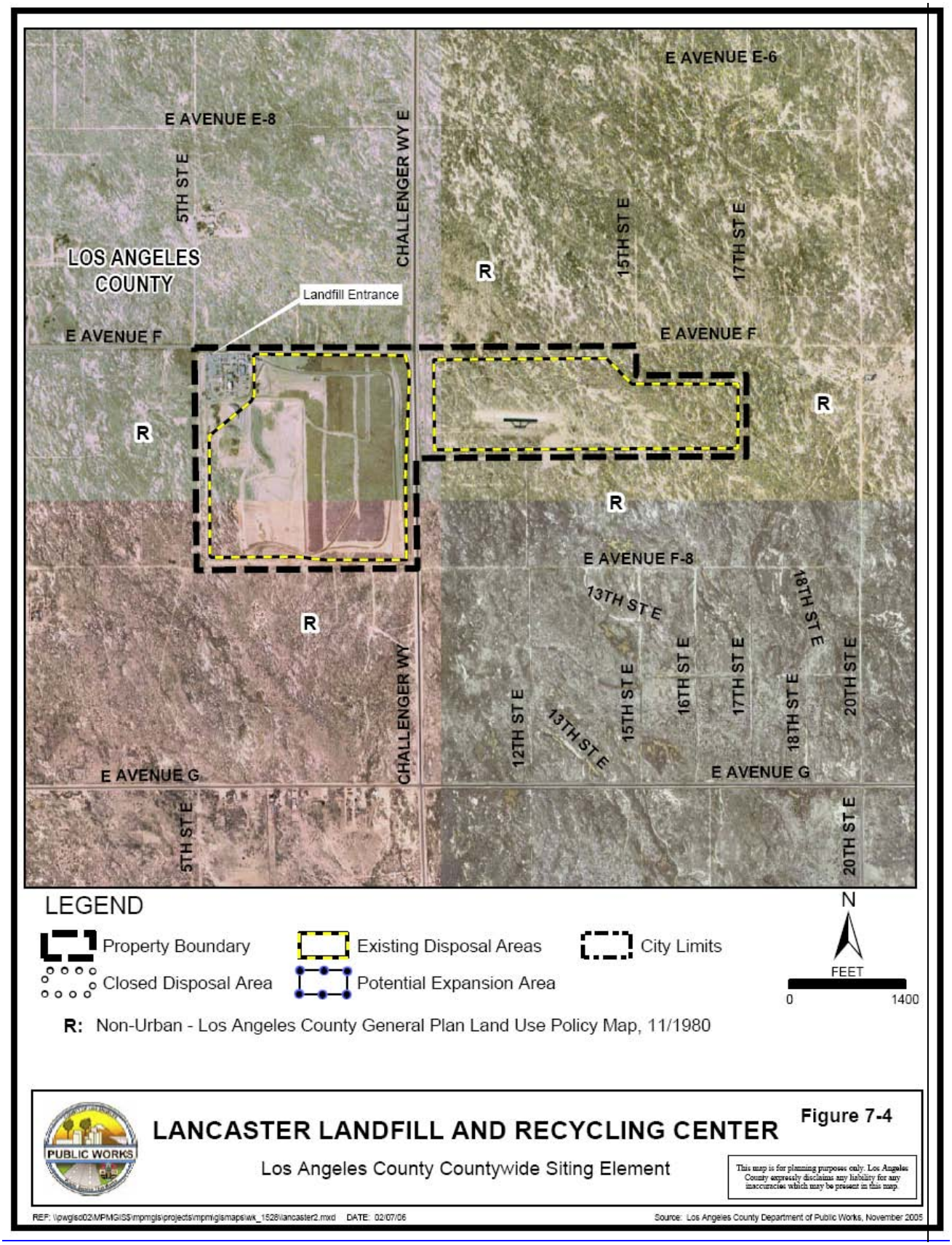
7. EXPANSION OPTIONS

No additional expansion is proposed.

8. POST-CLOSURE USES

Open Space

1 Based on a survey.
2 Calculated or assumed quantities are shown in brackets.


E AVENUE E-6
E AVENUE E-8
5TH ST E
CHALLENGER WY E
15TH ST E
17TH ST E
LOS ANGELES COUNTY
Landfill Entrance
E AVENUE F
E AVENUE F
R
R
R
R
E AVENUE F-8
13TH ST E
18TH ST E
16TH ST E
17TH ST E
20TH ST E
12TH ST E
13TH ST E
15TH ST E
18TH ST E
CHALLENGER WY
E AVENUE G
E AVENUE G
5TH ST E
20TH ST E
LEGEND
Property Boundary
Existing Disposal Areas
City Limits
Closed Disposal Area
Potential Expansion Area
N
FEET
0
1400
R: Non-Urban - Los Angeles County General Plan Land Use Policy Map, 11/1980
PUBLIC WORKS
LANCASTER LANDFILL AND RECYCLING CENTER
Figure 7-4
Los Angeles County Countywide Siting Element
This map is for planning purposes only. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map.
REF: \\pwgis02\MPM\GIS\mpmgis\projects\mpmvgis\maps\wk_1528\lancaster2.mxd DATE: 02/07/06
Source: Los Angeles County Department of Public Works, November 2005

Fact Sheet 7-4

SCHOLL CANYON SANITARY LANDFILL EXPANSION

1. FACILITY TYPE

Class III

2. LOCATION

3001 Scholl Canyon Road, Glendale, CA 91206.

3. OWNER/OPERATOR

City of Glendale, County of Los Angeles , and Southern California Edison are owners of the property and County Sanitation Districts of Los Angeles County is the operator of the facility under a Joint Powers Agreement.

4. SIZE

Proposed Increase in Disposal Area:	To be determined
Proposed Increase in Site Area:	To be determined
Total Acreage of Disposal Area:	314 acres
Total Acreage of Site:	440 acres

5. VOLUMETRIC CAPACITY

In-Place density:	0.48 tons/cubic yard
Proposed Increase in Daily Disposal Rate:	To be determined
Additional Facility Capacity:	To be determined[1]

6. LIFE EXPECTANCY

Existing:	[17.7 years][2] (based on 7.3 million tons of remaining disposal capacity as of 12/31/2004 at 1,338 tons/day, 308 days/year)[3]
Additional:	To be determined

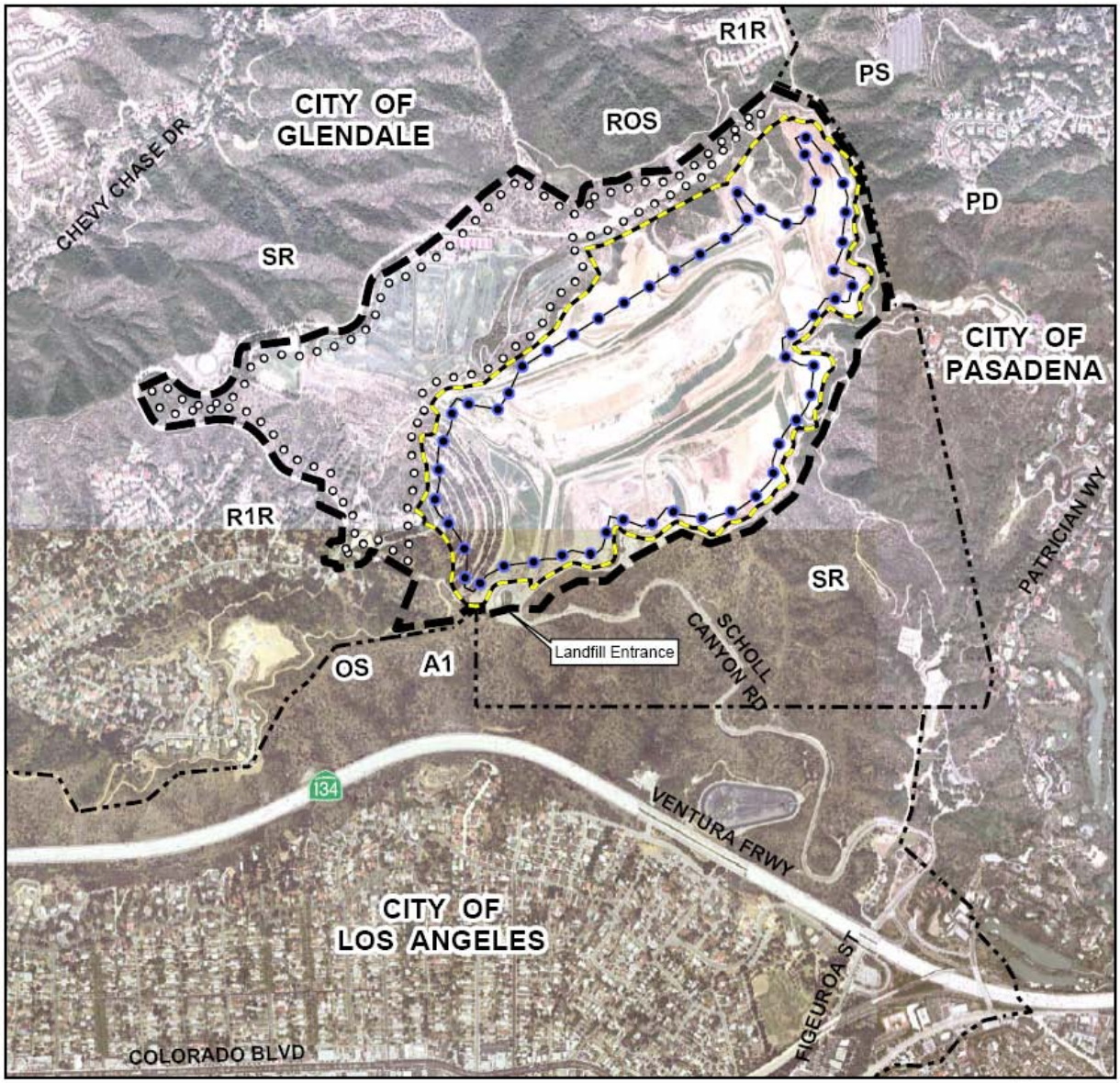
7. EXPANSION OPTIONS

To be determined.

8. POST-CLOSURE USES

Park, recreation and roadway purposes, or for the implementation of solid waste management alternatives or other facilities related to the operation of a sanitary landfill on the premises.

1 It is estimated that once the permitted capacity is exhausted, approximately 6 million tons of potentially available capacity would remain at the site.
2 Calculated or assumed quantities are shown in brackets.
3 Based on a survey.



LEGEND

Property Boundary
Existing Disposal Area
City Limits
Closed Disposal Area
Potential Expansion Area

N
FEET
0
1400

R1R: Restricted Residential Zone - City of Glendale Zoning Map
ROS: Residential Open Space Zone - City of Glendale Zoning Map
SR: Special Recreation Zone - City of Glendale Zoning Map
A1: Agricultural Zone - City of Los Angeles Zoning Map
OS: Open Space Zone - City of Los Angeles Zoning Map
PD: Planned Development Zone - City of Pasadena Zoning Map
PS: Public, Semi Public Zone - City of Pasadena Zoning Map

SCHOLL CANYON SANITARY LANDFILL

Los Angeles County Countywide Siting Element

Figure 7-5

This map is for planning purposes only. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map.

REF: \\pwgisd02\MPMGIS$\mpmgis\projects\mpmgismaps\wk_1528\scholl2.mxd DATE: 02/09/06

Source: Los Angeles County Department of Public Works, November 2005

SUNSHINE CANYON LANDFILL EXPANSION
(COMBINED CITY AND COUNTY OF LOS ANGELES PORTIONS)

1. FACILITY TYPE

Class III

2. LOCATION

14747 San Fernando Road, Sylmar, CA 91342.

3. OWNER/OPERATOR - Browning-Ferris Industries of California, Inc.

4. SIZE

	City Portion	County Portion
Proposed Increase in Disposal Area:	110 acres	42 acres
Proposed Increase in Site Area:	None	None
Total Acreage of Disposal Area	194 acres	209.4 acres
Total Acreage of Site:	494 acres	542 acres

5. VOLUMETRIC CAPACITY

	City Portion	County Portion
In-Place Density:	0.70 tons/cubic yard	0.72 tons/cubic yard
Proposed Increase in Daily Disposal Rate:	None	None
Additional Facility Capacity:	47.5 million tons [67.9 million cubic yards][1]	18 million tons [24.8 million cubic yards]

6. LIFE EXPECTANCY -

	City Portion	County Portion
Existing:	4.8 years (based on 7.5 million tons of remaining disposal capacity as of 12/31/2004 at 30,000 tons/week)[2]	[2.5 years (based on 4.6 million tons of remaining disposal capacity as of 1/12/2005 at 36,000 tons/week)
Combined Landfill:	[22.6 years][3]	

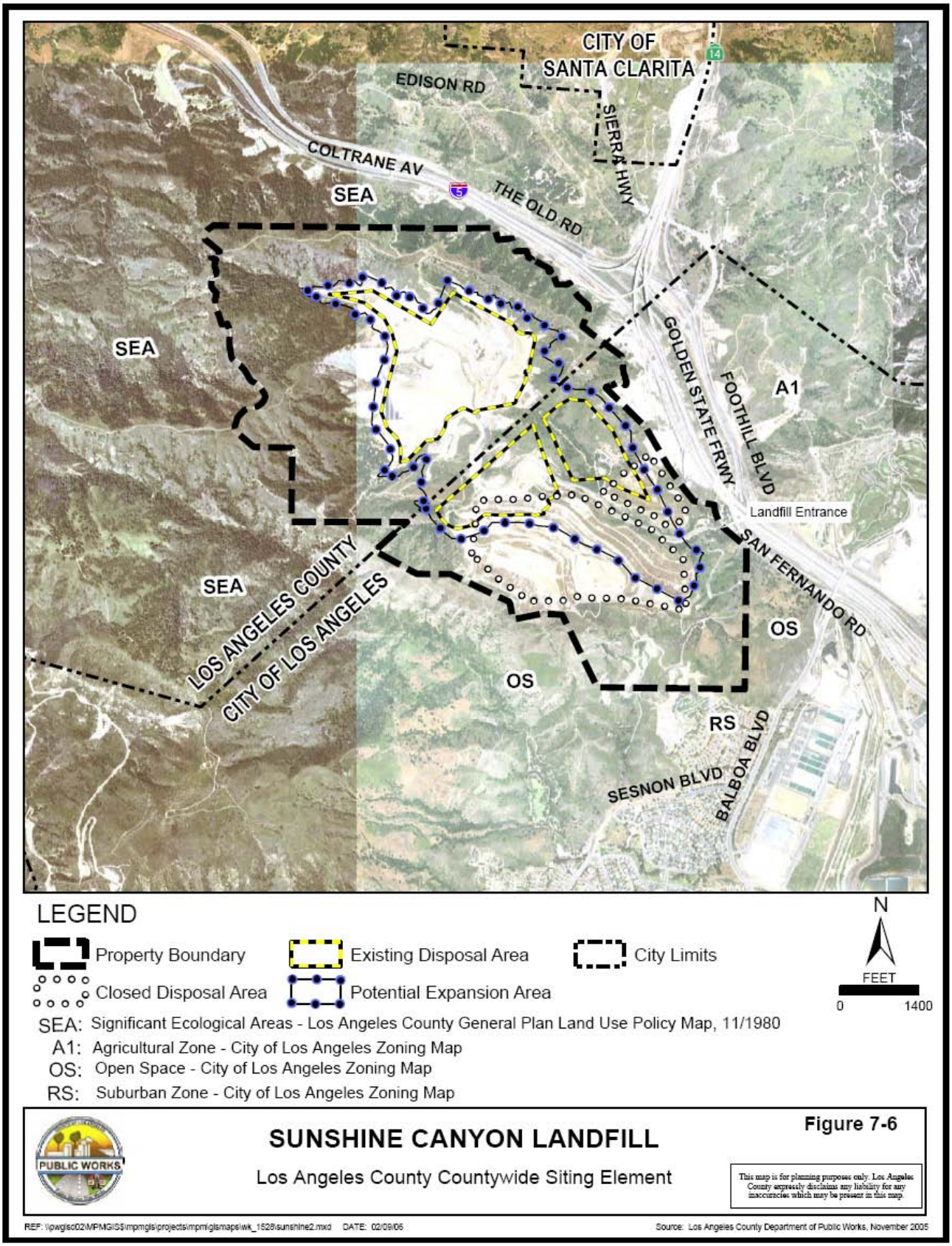
7. EXPANSION OPTIONS

No additional expansion is proposed.

8. POST-CLOSURE USES

Open Space.

1 Calculated or assumed quantities are shown in brackets.
2 Based on a survey.
3 Based on ultimate combined disposal capacity of 90 million tons less disposal capacity used up as of 12/31/2004 (i.e., 12.4 million tons for County-side), and average daily disposal rate of 11,000 tons/day) at 312 days/year of operation.


CITY OF SANTA CLARITA
EDISON RD
SIERRA HWY
COLTRANE AV
THE OLD RD
SEA
SEA
GOLDEN STATE FRWY
FOOTHILL BLVD
A1
Landfill Entrance
SAN FERNANDO RD
SEA
LOS ANGELES COUNTY
CITY OF LOS ANGELES
OS
OS
RS
SESNON BLVD
BALBOA BLVD
LEGEND
Property Boundary
Existing Disposal Area
City Limits
Closed Disposal Area
Potential Expansion Area
N
FEET
0
1400
SEA: Significant Ecological Areas - Los Angeles County General Plan Land Use Policy Map, 11/1980
A1: Agricultural Zone - City of Los Angeles Zoning Map
OS: Open Space - City of Los Angeles Zoning Map
RS: Suburban Zone - City of Los Angeles Zoning Map
PUBLIC WORKS
SUNSHINE CANYON LANDFILL
Los Angeles County Countywide Siting Element
Figure 7-6
This map is for planning purposes only. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map.
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Source: Los Angeles County Department of Public Works, November 2005

PECK ROAD GRAVEL PIT

1. FACILITY TYPE

Permitted inert waste landfill

2. LOCATION

128 East Live Oak Avenue, Monrovia, CA 91017

3. OWNER/OPERATOR

S.L.S. & N., Incorporated

4. SIZE

Proposed Increase in Disposal Area:	40 acres
Proposed Increase in Site Area:	41 acres
Total Acreage of Disposal Area:	86 acres
Total Acreage of Site:	87 acres

5. VOLUMETRIC CAPACITY

In-Place Density:	1.5 tons/cubic yard	
Proposed Increase in Daily Disposal Rate:	None	
Additional Facility Capacity:	7.2 million tons[1]	4.8 million cubic yards[1]

6. LIFE EXPECTANCY

Existing**:**	26.1 years (based on 9.8 million tons of remaining disposal capacity as of 10/15/2004 at 1,158 tons/day, 324 days/year)[1]
Additional**:**	[18.4 years (based on 7.2 million tons at 1,210 tons/day, 324 days/year)][2]

7. EXPANSION OPTIONS

No additional expansion is proposed.

8. POST-CLOSURE USES

Possible access for water recreational area at adjacent property.

1 Based on a survey.
2 Calculated or assumed quantities are shown in brackets.

LEGEND

Property Boundary
Existing Disposal Area
City Limits
Closed Disposal Area
Potential Expansion Area

N

FEET
0 400

PD: Planned Development Zone - City of Monrovia Zoning Map
M-2: Heavy Manufacturing Zone - City of Irwindale Zoning Map
Q-M-2-M-1: Quarry,Heavy Manufacturing,Light Manufacturing Zone - City of Irwindale Zoning Map

PECK ROAD GRAVEL PIT

Figure 7- 7

Los Angeles County Countywide Siting Element

This map is for planning purposes only. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map.

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Source: Los Angeles County Department of Public Works, November 2005

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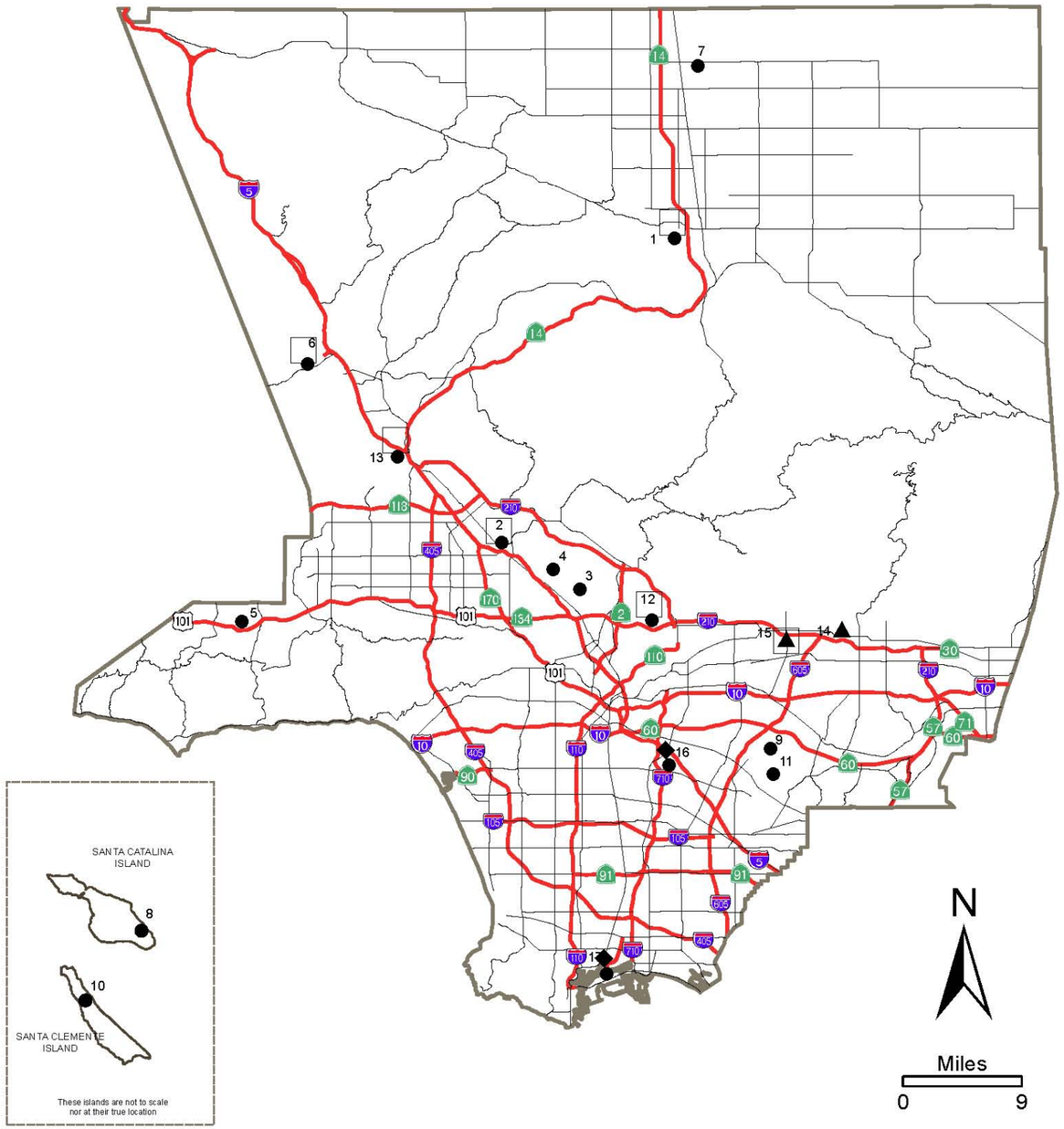

Class III Landfills

1 Antelope Valley
2 Bradley
3 Brand Park
4 Burbank
5 Calabasas
6 Chiquita Canyon
7 Lancaster
8 Pebbly Beach
9 Puente Hills
10 San Clemente
11 Savage Canyon
12 Scholl Canyon
13 Sunshine Canyon

Permitted Inert Waste Landfills

14 Azusa Land Reclamation
15 Peck Road Gravel Pit

Waste -to- Energy Facilities

16 Commerce Refuse -To - Energy Facility (CREF)
17 Southeast Resource Recovery Facility (SERRF)

LEGEND

- Existing Class III Landfills
- Existing Permitted Inert Waste Landfills
- Existing Waste -to- Energy Facilities
- Potential Expansion of Existing Disposal Facilities

Figure 7- 8

Location of Existing Disposal Sites and Potential Expansion Sites in Los Angeles County

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Mapping and Property Management Division, Mapping and GIS Services Section

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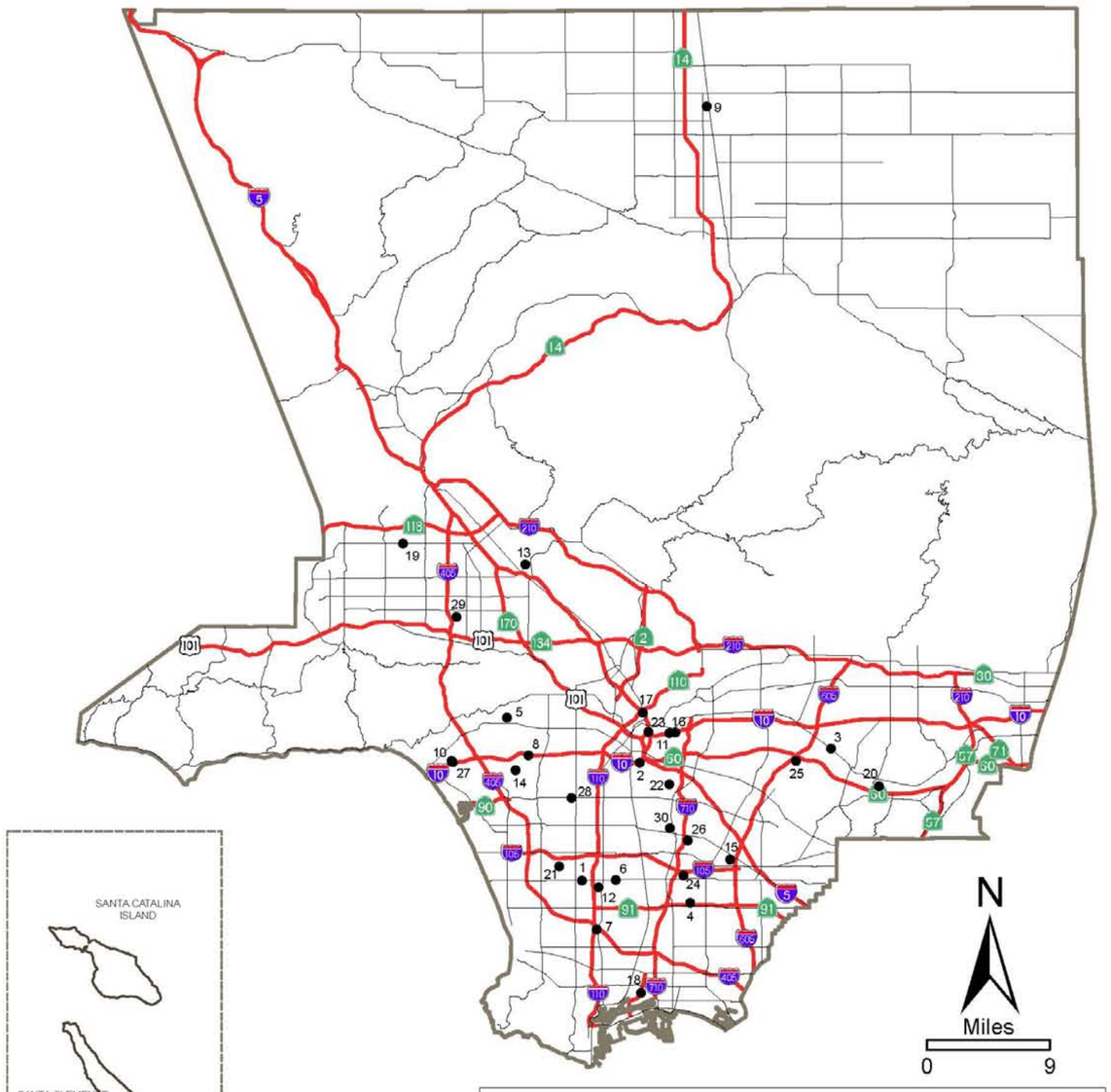

Figure 7- 9

Major Material Recovery Facilities and Transfer Stations in Los Angeles County

FACILITY NAMES AND ADDRESSES

1. American Waste Transfer Station
   1449 West Rosecrans Avenue, Gardena, CA 90247
2. Angelus Western Paper Fibers, Inc.
   2474 Porter Street, Los Angeles, CA 90021
3. Athens Services
   14048 East Valley Boulevard, Industry, CA 91746
4. Bel-Art Waste Transfer Station
   2501 East 68th Street, Beverly Hills, CA 90210
5. Beverly Hills Refuse Transfer Station
   9357 West Third Street, Beverly Hills, CA 90210
6. Browning Ferris Industries Recycling and Transfer Station
   2509 West Rosecrans Avenue, Compton, CA 90220
7. Carson Transfer Station and Materials Recovery Facility
   321 West Francisco Street, Carson, CA 90745
8. Central Los Angeles Recycling Center and Transfer Station
   2201 Washington Boulevard, Los Angeles, CA 90034
9. City of Lancaster Maintenance Yard MVTS
   46008 North 7th Street West, Lancaster, Ca 93534
10. City of Santa Monica Transfer Station
    2500 Michigan Avenue, Santa Monica, CA 90404
11. City Terrace Recycling Transfer Station
    1511-1525 Fishburn Avenue, City Terrace, CA 90063
12. Coastal Material Recovery Facility and Transfer Station
    357 West Compton Boulevard, Gardena, CA 90248
13. Community Recycling / Resource,Recovery, Inc
    9147 De Garmo Avenue, Sun Valley, CA 91352
14. Culver City Transfer and Recycling Station
    9255 West Jefferson Boulevard, Culver City, CA 90232
15. Downey Area Recycling and Transfer Station (DART)
    9770 Washburn Road, Downey, CA 90241
16. East Los Angeles Recycling and Transfer Station
    1512 North Bonnie Beach Place, City Terrace, CA 90063
17. East Street Maintenance District Yard
    452 San Fernando Road, Los Angeles, CA 90065
18. Falcon Refuse Center, Inc.
    3031 East "I" Street, Wilmington, CA 90744
19. Granada Hills Street Maintenance District Yard
    10210 Etiwanda Avenue, Northridge, CA 91325
20. Grand Central Recycling and Transfer Station
    999 Hatcher Avenue, City of Industry, CA 91748
21. H & C Disposal Co.
    3249 West El Segundo Boulevard, Hawthorne, CA 90250
22. Innovative Waste Control
    4133 Bandini Boulevard, Vernon, CA 90023
23. Mission Road Recycling and Transfer Station
    840 South Mission Road, Los Angeles, CA 90033
24. Paramount Resource Recycling Facility
    7230 Petterson Lane, Paramount, CA 90723
25. Puente Hills Materials Recovery Facility
    2800 Workman Mill Road, Whittier, CA 90601
26. South Gate Transfer Station
    9530 South Garfield Avenue, South Gate, CA 90280
27. Southern California Disposal Co. Recycling and Transfer Station
    1908 Frank Street, Santa Monica, CA 90404
28. Southwest Street Maintenance District Yard
    5860 South Wilton Place,Los Angeles, CA 90047
29. Van Nuys Street Maintenance District Yard
    15145 Oxnard Street, Van Nuys, CA 91411
30. Waste Management South Gate Transfer Station
    4489 Ardine Street,South Gate, CA 90280

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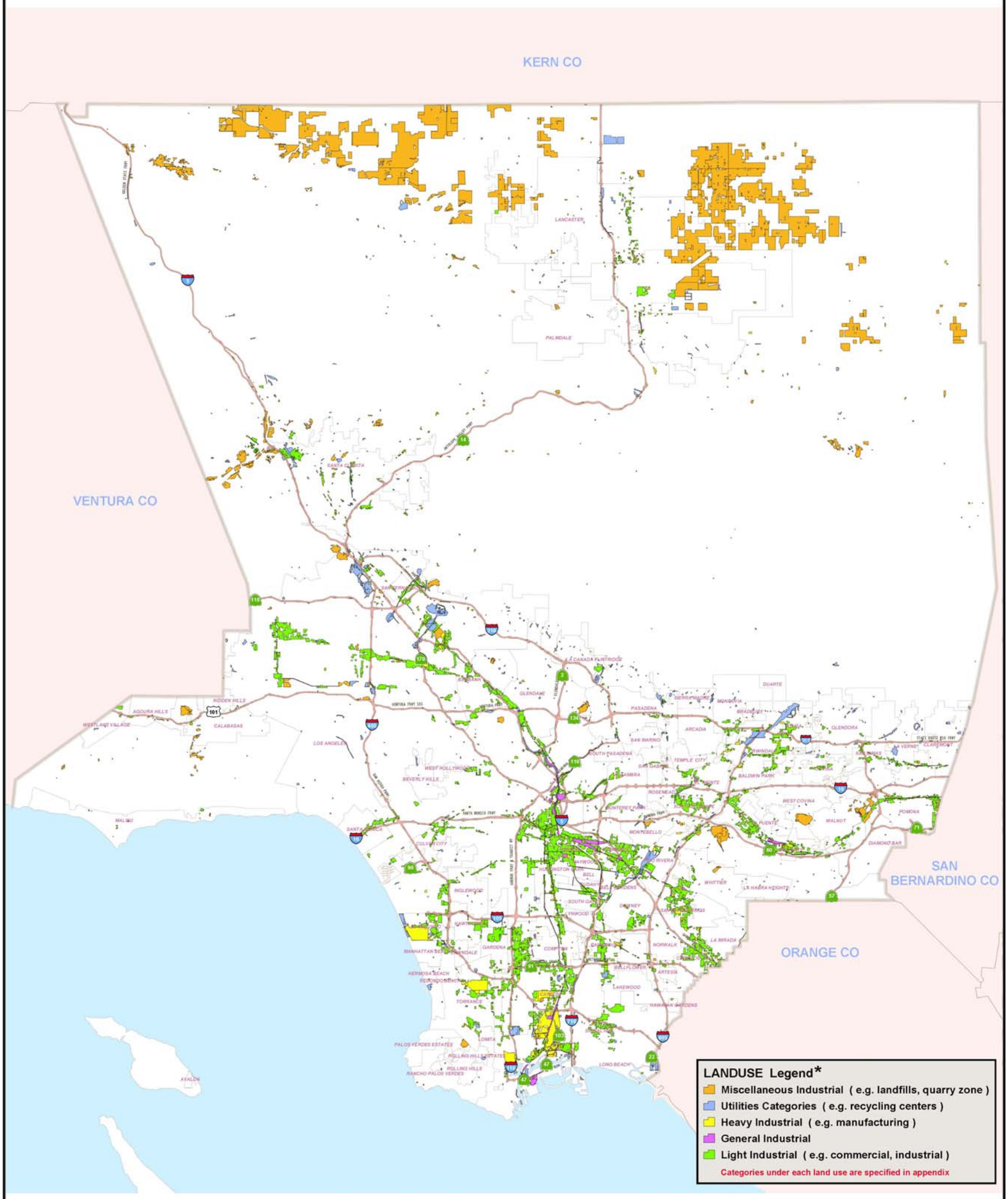
AREAS POTENTIALLY SUITABLE FOR SITING CONVERSION TECHNOLOGY FACILITIES IN LOS ANGELES COUNTY



DEPARTMENT OF PUBLIC WORKS
900 S. Fremont Ave.
Alhambra, CA 91803

Mapping & Property Management Division
GIS Services

*Source: Southern California Association of Governments General Plan Land Use Update

Freeways | City Boundaries | Adjacent Counties

N

Figure 7 - 10