

## 2.4 SOLID WASTE MANAGEMENT

### 2.4.1 *Introduction*

This section will analyze the growth-induced impacts of the proposed Los Angeles General Plan Framework on Solid Waste Management. The tables in this section present Solid Waste generation and disposal quantities by Community Planning Areas (CPA); however, the impact analysis is conducted on a Citywide level; for example, total Citywide disposal need is compared to total Citywide disposal capacities. This level of analysis is appropriate since a tracking of the wastestream from generation to disposal does not exist. Population statistics from the Bureau of Census, 1990 Census Data, were used for the baseline data along with employment statistics from the Southern California Association of Governments (SCAG), 1990 Employment Survey.

### 2.4.2 *Threshold of Significance*

A significant impact to solid waste management would occur if buildout of the Plan would result in the Citywide generation of solid waste volumes which exceed the anticipated capacity of city landfills and other solid waste disposal methods. (Tables V.1-2, V.1-3).

### 2.4.3 *Existing Conditions*

According to Title 23, Article 2 of the State Water Resources Control Board, landfills are divided into three classes: Class I disposal sites are those at which complete permanent protection is provided for the quality of ground and surface waters from all wastes deposited therein and against hazards to public health and wildlife resources. Class II disposal sites are those at which protection is provided to water quality from Group 2 and Group 3 wastes. Class III disposal sites are those at which protection is provided to water quality from Group 3 wastes by location, construction, and operation which prevent erosion of deposit material.

According to Title 23, Article 3, types of wastes are divided into three groups. Group I wastes consist of or contain toxic substances defined as lethal, injurious or damaging to man or other living organisms including plants, domestic animals, fish and wildlife, and substances which could significantly impair the quality of usable waters. Group 2 wastes consist of or contain chemically or biologically decomposable material that does not include toxic substances nor those capable of significantly impairing the quality of usable waters. Group 3 wastes consist entirely of non-water soluble, nondecomposable inert solids.

Refuse generated by commercial, industrial, and multi-family (over 4 dwelling units) land use in the City of Los Angeles is collected by private contractors while the City's Bureau of Sanitation collects household refuse up to 4 multi-family dwelling units; multi-family collection over 4 dwelling units is by private collector. Landfills capacity in Los Angeles County is limited. If there are no expansions of

existing sites or new sites, the City of Los Angeles would have no remaining disposal capacity within the City by the next ten years.

Solid Waste management options identified by the City and County of Los Angeles include (1) recycling (2) source separation (3) recovery at Landfills (4) refuse to energy, and (5) expansion of existing landfill sites. Additional options would be to encourage "pre-cycling" where consumers are educated to reduce waste generation, and commercial source reduction, where industries reduce their level of waste generation and material consumption, particularly with respect to hazardous materials for which disposal capacity is the most limited.

To provide a long-term solution, it is clear that new sites will be needed even with maximum levels of recycling/composting and assuming all available expansions at existing sites are permitted.

**County Sanitation Districts:** The County Sanitation Districts Solid Waste Management Systems accommodates the disposal of approximately 22,000 tons of non-hazardous residential, commercial, and industrial refuse each day, six days a week. The Districts currently operate four sanitary landfills, two recycling centers, one transfer station, and one refuse-to-energy facility. The Puente Hills Landfill, located in the San Gabriel Valley, is owned solely by the Sanitation Districts and was acquired to provide long-term disposal capacity for the southern and eastern portions of the County. The Spadra Landfill, also located in the San Gabriel Valley, and the Calabasas landfill in an unincorporated portion of western Los Angeles County, are owned by the County and operated by the Districts under a Joint Power Agreement. The Scholl Canyon landfill is owned by the City of Glendale and the County of Los Angeles and is operated by the Districts under a Joint Power Agreement. The two recycle centers, located at Puente Hills Landfill and the closed Palos Verdes Landfill, recover a total of approximately 5 to 7 tons per day-6 of glass, aluminum, bi-metal cans, and newspaper.

In addition to sanitary landfills, the Districts have entered into Joint Powers Agreements with the City of Commerce and the City of Long Beach to create the Commerce Refuse-to-Energy Authority and southeast Resource Recovery Facility (SERRF) Authority. These authorities are responsible for the development of the Commerce Refuse-to-Energy Facility and SERRF which are designed to incinerate 300 and 1,350 tons of refuse per day, respectively, using state-of-the-art technology. The Sanitation Districts operate the Commerce facility which has been in commercial operation since June 1987. SERRF is scheduled to be placed into operation in 1988 and will be operated by the District after an initial period of operation by the turnkey contractor.

The next few years could bring about a refuse crises, due to dwindling landfill capacity, permit expiration and closures, and increased solid waste tonnages. As a public agency that has extensive experience in siting, permitting, and operation of solid waste facilities, the Sanitation Districts have the capacity to implement a large

capacity, publicly operated landfill in the City of Los Angeles and/or in unincorporated portions of Los Angeles County, that could provide a significant portion of the long-term disposal capacity for both the City of Los Angeles and Sanitation District's cities on the west side of the County.

**City of Los Angeles:** The City of Los Angeles produces for disposal approximately 18,000 tons of non-hazardous solid waste, six days a week (TPD-6)(40 percent of the total County wastestream). Of this wastestream, approximately 11,800 TPD-6 (65 percent of the City wastestream) is disposed of at three landfills located in the City (these sites also receive approximately 800 tpd-6 of non-City refuse, making the City's net export approximately 5,400 tpd-6). The remaining City refuse is exported to other public and private disposal sites in the San Gabriel Valley, San Rafael Hills, and northern and western portions of Los Angeles County.

The City owns and operates the Lopez Canyon Landfill exclusively for City collected wastes. Historically, the City operated landfills have not provided disposal capacity for the commercial wastestream generated in the City. In the near future, as existing landfills begin to close due to expired permits or exhausted capacity, the amount of City generated waste which will no longer have a disposal location within the City and presumably would be exported to more distant disposal facilities in the County, will increase dramatically.

**Private Haulers:** The private sector plays an integral role in the Los Angeles County Solid Waste Management System and, therefore, will be a necessary part of the crisis solution. There are approximately 350 private companies involved in the collection of refuse in the County. Many small collection companies have been bought out in recent years by large regional or national companies such as Browning-Ferris Industries (BFI), Inc., Western Waste Industries, Laidlaw, Inc., and Waste Management, Inc.

In addition to collection and hauling services, several large private hauling companies currently operate disposal sites in Los Angeles County. On the west side of the County major Class III sites operated by the private sector are Bradley West Landfill (Waste Management, Inc.) and North Valley Landfill (BFI, Inc.) in the City, and Chiquita Canyon Landfill (Laidlaw, Inc.) in the unincorporated County. In the San Gabriel Valley major disposal sites operated by large private waste management companies are BKK Landfill (BKK Corporation) and Azusa Western Landfill (BFI, Inc.). Additionally, two of the most frequently considered management options to increase the County's disposal capacity involve the private sector. BFI, Inc. has proposed a 215-million-ton expansion at North Valley Landfill with most of the expansion occurring in county jurisdiction. The BKK Company is proposing a new site at Elsmere Canyon several miles northeast of North Valley, also in the unincorporated County.

Solid Waste Tipping Fees in Los Angeles County are among the lowest in the United States, due primarily to the presence and influence of publicly operated disposal sites in the regional network. The establishment of tipping fees at publicly operated sites is cost driven as opposed to market driven, which results in lower rates than those which could be substantiated by market forces. Private operators, in an attempt to stay competitive within the regional system, have set tipping fees at comparable levels. In effect, publicly operated facilities have served to impose tipping fee caps, resulting in countywide rates lower than would be realized in a system totally operated by the private sector. As landfill capacity declines, making the resource more scarce, this factor could be important in keeping disposal costs from increasing as dramatically as they have in other parts of the country.

Solid waste disposal and generation rates were determined for 1990 by the City of Los Angeles Planning Department for each CPA, Planning Subregion, and Planning Region. Disposal and generation rates were determined separately for residential (single and multi family), industrial, and commercial/government sectors. **Table SW-1** shows 1990 solid waste disposal data after diversion and **Table SW-2** shows 1990 solid waste generation data before diversion. In 1990, a total of 4.7 million tons of solid waste was generated citywide and a total of 3.7 million tons was disposed. The difference between generation and disposal indicates the amount of diversion at a citywide level for 1990 as 1.0 million tons.

The City of Los Angeles currently utilizes five Class III Landfills for its disposal needs. These waste disposal facilities are Lopez Canyon, Bradley West, Calabasas, Chiquita Canyon, and BKK West Covina. Lopez Canyon is operated by the City of Los Angeles and accepts only Los Angeles City generated waste. Calabasas is operated by the Los Angeles County Sanitation District and accepts Los Angeles city waste which is generated within its watershed. Bradley West, Chiquita Canyon, and BKK West Covina are privately operated landfills which accept solid waste generated within the City of Los Angeles as well as solid waste generated in other cities. **Table SW-3** highlights 1990 disposal rates for these solid waste facilities as they relate to Los Angeles city generated wastes. Permitted capacities and potential expansion capacities available to the City of Los Angeles in 1992 are also given for each facility in **Table SW-3**. The total remaining capacity available to the City of Los Angeles in 1992 (assuming potential expansion capacities are realized in the future) was 63.1 million tons.

It is important to note that an impact analysis will assume that only the solid waste facilities described above will be available to the City of Los Angeles as future disposal sites. Although it is possible that other solid waste facilities will be available to the City of Los Angeles in the future, this analysis will consider only Lopez Canyon, Bradley West, Calabasas, Chiquita Canyon, and BKK West Covina as potential disposal sites. **Table SW-4** includes a list of solid waste facilities which are currently in operation and do not accept city waste as well as proposed landfills and rail haul facilities which may accept city waste in the future. Although this analysis

Table SW-1

## 1990 SOLID WASTE DISPOSAL

CITY OF LOS ANGELES 1990 SOLID WASTE DISPOSAL COMMUNITY PLANNING AREA (CPA)		SINGLE FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	MULTI FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL INDUSTRIAL SOLID WASTE (TONS/YR)	TOTAL COMERC/GOV SOLID WASTE (TONS/YR)	TOTAL SOLID WASTE DISPOSAL NEED (TONS/YR)
1	ARLETA-PACOIMA	54,820	7,207	62,027	5,233	13,633	80,892
2	BEL AIR-BEVERLY CREST	14,556	548	15,104	381	5,950	21,435
3	BOYLE HEIGHTS	27,839	17,983	45,822	5,888	27,014	78,724
4	BRENTWOOD-PACIFIC PALISADES	25,255	7,161	32,417	1,386	27,660	61,463
5	CANOGA PARK	76,753	16,961	93,714	9,835	106,215	209,764
6	CENTRAL CITY	91	6,590	6,681	30,373	187,296	224,350
7	CENTRAL CITY NORTH	1,290	5,254	6,544	6,826	22,797	36,167
8	CHATSWORTH-PORTER RANCH	40,519	9,043	49,562	15,380	41,892	106,833
9	ENCINO-TARZANA	28,599	9,394	37,993	3,241	57,210	98,444
10	GRANADA HILLS	34,846	3,556	38,401	1,680	19,127	59,209
11	HARBOR GATEWAY	14,224	5,543	19,767	4,875	11,990	36,632
12	HOLLYWOOD	34,601	50,858	85,458	7,012	103,078	195,548
13	MISSION HILLS	39,172	18,187	57,359	4,997	31,534	93,899
14	NORTH HOLLYWOOD	31,016	25,374	56,390	5,736	44,679	106,805
15	NORTHEAST LOS ANGELES	105,613	32,254	137,867	11,097	60,232	209,196
16	NORTHRIDGE	27,887	7,395	35,282	2,369	20,781	58,431
17	PALMS	23,814	22,133	45,946	4,176	32,445	82,567
18	PORT OF LOS ANGELES	0	0	0	3,486	2,546	6,031
19	RESEDA- WOODLAND HILLS	43,476	10,790	54,266	7,471	32,836	94,573
20	SAN PEDRO	24,120	12,628	36,748	982	20,479	58,208
21	SHERMAN OAKS-STUDIO CITY	22,809	11,990	34,799	2,782	55,398	92,980
22	SILVER LAKE-ECHO PARK	24,611	14,561	39,172	2,692	15,181	57,046
23	SOUTH CENTRAL LOS ANGELES	90,235	43,757	133,992	5,075	71,673	210,739
24	SOUTHEAST LOS ANGELES	96,907	35,888	132,795	19,707	59,520	212,021
25	SUN VALLEY	39,848	8,334	48,182	10,828	25,005	84,015
26	SUNLAND-TUJUNGA	31,303	4,406	35,708	924	9,748	46,380
27	SYLMAR	35,622	4,794	40,416	3,183	16,189	59,787
28	VAN NUYS-N. SHERMAN OAKS	35,887	27,612	63,499	8,378	70,568	142,445
29	VENICE	10,895	7,933	18,828	1,136	15,883	35,847
30	WEST ADAMS	52,549	31,242	83,790	6,006	43,560	133,357
31	WEST LOS ANGELES	15,789	14,468	30,257	6,190	91,499	127,946
32	WESTCHESTER	17,353	7,968	25,321	6,919	54,740	86,980
33	WESTLAKE	5,150	29,812	34,961	4,403	58,520	97,984
34	WESTWOOD	5,394	10,284	15,678	2,916	67,686	86,281
35	WILMINGTON	26,371	12,441	38,812	1,949	19,676	60,436
36	WILSHIRE	31,168	69,190	100,358	13,074	164,202	277,634
<b>PLANNING SUBREGION</b>							
1	CENTRAL LOS ANGELES (6,7&33)	6,530	41,656	48,186	41,602	268,713	358,501
2	HARBOR (11,18,20&35)	64,714	30,613	95,327	11,291	54,690	161,307
3	METRO CENTER (12&36)	65,768	120,047	185,816	20,086	267,281	473,182
4	NORTHEAST LOS ANGELES (3,15&22)	158,063	64,798	222,861	19,678	102,427	344,966
5	NORTHEAST VALLEY (1,25,26&27)	161,593	24,741	186,333	20,167	64,574	271,074
6	NORTHWEST VALLEY (8,10,13&16)	142,423	38,191	180,613	24,425	113,334	318,372
7	SOUTH LOS ANGELES (23&24)	187,141	79,645	266,786	24,781	131,193	422,760
8	SOUTHEAST VALLEY (14,21&28)	89,713	64,976	154,689	16,896	170,645	342,229
9	SOUTHWEST LOS ANGELES (17,29,30&32)	104,610	69,276	173,885	18,237	146,629	338,751
10	SOUTHWEST VALLEY (5,9&19)	148,828	37,145	185,973	20,547	196,261	402,781
11	WEST LOS ANGELES (2,4,31&34)	60,995	32,460	93,455	10,874	192,796	297,125
<b>PLANNING REGION</b>							
1	METRO-SOUTHERN (1,2,3,4&7)	482,216	336,759	818,975	117,438	824,303	1,760,717
1.1	METRO (1,3&4)	230,361	226,502	456,863	81,366	638,421	1,176,649
1.2	SOUTHERN (2&7)	251,855	110,258	362,113	36,072	185,882	584,068
2	NORTH SAN FERNANDO VALLEY (5&6)	304,015	62,931	366,946	44,592	177,908	589,446
3	SOUTH SAN FERNANDO VALLEY (8&10)	238,541	102,121	340,662	37,443	366,906	745,011
4	WESTSIDE (9&11)	165,605	101,736	267,341	29,111	339,424	635,876
<b>CITYWIDE TOTAL (1,2,3&amp;4)</b>		<b>1,190,377</b>	<b>603,547</b>	<b>1,793,925</b>	<b>228,584</b>	<b>1,708,541</b>	<b>3,731,050</b>

NOTE: CPA, SUBREGIONAL, AND REGIONAL SOLID WASTE GENERATION STATISTICS ARE ESTIMATES BASED ON CITYWIDE GENERATION AND DIVERSION RATES.

SOURCE: CITY OF LOS ANGELES BOARD OF PUBLIC WORKS INTEGRATED SOLID WASTE MANAGEMENT OFFICE, SOURCE REDUCTION AND RECYCLING ELEMENT VOLUME 2: SOLID WASTE GENERATION STUDY, APRIL 1993. SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS (SCAG), 1990 EMPLOYMENT SURVEY, 1993. U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS, 1990 CENSUS DATA, 1993.

Table SW-2 1990 SOLID WASTE GENERATION (BEFORE DIVERSION)

CITY OF LOS ANGELES 1990 SOLID WASTE GENERATION COMMUNITY PLANNING AREA (CPA)		SINGLE FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	MULTI FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL INDUSTRIAL SOLID WASTE (TONS/YR)	TOTAL COM/GOV SOLID WASTE (TONS/YR)	TOTAL SOLID WASTE GENERATION (TONS/YR)
1	ARLETA-PACOIMA	60,857	8,001	68,858	12,856	17,182	98,94
2	BEL AIR-BEVERLY CREST	16,159	608	16,767	837	7,504	25,208
3	BOYLE HEIGHTS	30,905	19,964	50,869	14,467	34,067	89,402
4	BRENTWOOD-PACIFIC PALISADES	28,037	7,950	35,986	3,405	34,882	74,274
5	CANOGA PARK	85,205	18,829	104,034	24,164	133,945	262,144
6	CENTRAL CITY	100	7,316	7,416	74,625	236,185	318,237
7	CENTRAL CITY NORTH	1,432	5,833	7,265	16,771	28,748	52,784
8	CHATSWORTH-PORTER RANCH	44,981	10,039	55,020	37,786	52,829	145,635
9	ENCINO-TARZANA	31,749	10,429	42,177	7,963	72,147	122,287
10	GRANADA HILLS	38,683	3,947	42,630	4,127	24,121	70,879
11	HARBOR GATEWAY	15,790	6,154	21,944	11,977	15,120	49,041
12	HOLLYWOOD	38,411	56,458	94,869	17,227	129,990	242,086
13	MISSION HILLS	43,485	20,201	63,686	12,277	39,767	115,730
14	NORTH HOLLYWOOD	34,432	28,168	62,600	14,082	56,344	133,036
15	NORTHEAST LOS ANGELES	117,244	35,806	153,050	27,265	75,957	256,272
16	NORTHridge	30,958	8,209	39,167	5,820	26,206	71,193
17	PALMS	28,436	24,570	51,006	10,260	40,915	102,181
18	PORT OF LOS ANGELES	0	0	0	8,584	3,210	11,774
19	RESEDA- WOODLAND HILLS	48,264	11,978	60,242	18,356	41,409	120,007
20	SAN PEDRO	28,776	14,019	40,795	2,412	25,625	69,032
21	SHERMAN OAKS-STUDIO CITY	25,321	13,310	38,631	6,836	69,662	115,329
22	SILVER LAKE-ECHO PARK	27,321	16,165	43,486	6,614	19,145	69,245
23	SOUTH CENTRAL LOS ANGELES	100,172	48,576	148,747	12,469	90,385	251,601
24	SOUTHEAST LOS ANGELES	107,578	39,840	147,419	48,418	75,059	270,895
25	SUN VALLEY	44,236	9,252	53,488	26,603	31,533	111,624
26	SUNLAND-TUJUNGA	34,750	4,891	39,641	2,270	12,282	54,204
27	SYLMAR	39,545	5,322	44,867	7,819	20,415	73,101
28	VAN NUYS-N. SHERMAN OAKS	39,839	30,853	70,492	20,584	88,992	180,067
29	VENICE	12,085	8,907	20,992	2,791	20,030	43,722
30	WEST ADAMS	58,335	34,682	93,018	14,757	54,933	162,708
31	WEST LOS ANGELES	17,528	16,061	33,589	15,209	115,387	164,186
32	WESTCHESTER	19,264	8,845	28,109	17,000	69,032	114,141
33	WESTLAKE	5,717	33,065	38,811	10,817	73,925	123,553
34	WESTWOOD	5,988	11,418	17,404	7,166	85,358	109,928
35	WILMINGTON	29,275	13,811	43,086	4,788	24,813	72,686
36	WILSHIRE	34,600	76,809	111,409	32,122	207,072	350,604
<b>PLANNING SUBREGION</b>	<b>1 CENTRAL LOS ANGELES (6,7&amp;33)</b>	<b>7,249</b>	<b>46,243</b>	<b>53,492</b>	<b>102,213</b>	<b>338,869</b>	<b>494,574</b>
	<b>2 HARBOR (11,18,20&amp;35)</b>	<b>71,841</b>	<b>33,984</b>	<b>105,825</b>	<b>27,740</b>	<b>68,968</b>	<b>202,533</b>
	<b>3 METRO CENTER (12&amp;36)</b>	<b>73,011</b>	<b>133,267</b>	<b>206,279</b>	<b>49,349</b>	<b>337,063</b>	<b>592,891</b>
	<b>4 NORTHEAST LOS ANGELES (3,15&amp;22)</b>	<b>175,470</b>	<b>71,934</b>	<b>247,404</b>	<b>48,346</b>	<b>129,169</b>	<b>424,917</b>
	<b>5 NORTHEAST VALLEY (1,25,26&amp;27)</b>	<b>179,388</b>	<b>27,465</b>	<b>206,853</b>	<b>49,549</b>	<b>81,433</b>	<b>337,831</b>
	<b>6 NORTHWEST VALLEY (8,10,13&amp;16)</b>	<b>158,107</b>	<b>42,366</b>	<b>200,503</b>	<b>60,011</b>	<b>142,823</b>	<b>403,437</b>
	<b>7 SOUTH LOS ANGELES (23&amp;24)</b>	<b>207,750</b>	<b>88,416</b>	<b>296,166</b>	<b>60,886</b>	<b>165,444</b>	<b>522,497</b>
	<b>8 SOUTHEAST VALLEY (14,21&amp;28)</b>	<b>99,592</b>	<b>72,131</b>	<b>171,724</b>	<b>41,512</b>	<b>215,197</b>	<b>428,433</b>
	<b>9 SOUTHWEST LOS ANGELES (17,29,30&amp;32)</b>	<b>116,130</b>	<b>76,905</b>	<b>193,035</b>	<b>44,807</b>	<b>184,911</b>	<b>422,752</b>
	<b>10 SOUTHWEST VALLEY (5,9&amp;19)</b>	<b>165,218</b>	<b>41,236</b>	<b>206,453</b>	<b>50,483</b>	<b>247,501</b>	<b>504,437</b>
	<b>11 WEST LOS ANGELES (2,4,31&amp;34)</b>	<b>67,712</b>	<b>38,035</b>	<b>103,747</b>	<b>26,717</b>	<b>243,131</b>	<b>373,595</b>
<b>PLANNING REGION</b>	<b>1 METRO-SOUTHERN (1,2,3,4&amp;7)</b>	<b>535,320</b>	<b>373,845</b>	<b>909,166</b>	<b>288,536</b>	<b>1,039,513</b>	<b>2,237,214</b>
	<b>1.1 METRO (1,3&amp;4)</b>	<b>255,730</b>	<b>251,445</b>	<b>507,175</b>	<b>199,909</b>	<b>805,100</b>	<b>1,512,184</b>
	<b>1.2 SOUTHERN (2&amp;7)</b>	<b>279,591</b>	<b>122,400</b>	<b>401,991</b>	<b>88,627</b>	<b>234,412</b>	<b>725,030</b>
	<b>2 NORTH SAN FERNANDO VALLEY (5&amp;6)</b>	<b>337,495</b>	<b>69,861</b>	<b>407,356</b>	<b>109,560</b>	<b>224,356</b>	<b>741,272</b>
	<b>3 SOUTH SAN FERNANDO VALLEY (8&amp;10)</b>	<b>284,810</b>	<b>113,367</b>	<b>378,177</b>	<b>91,965</b>	<b>462,698</b>	<b>832,870</b>
	<b>4 WESTSIDE (8&amp;11)</b>	<b>183,842</b>	<b>112,939</b>	<b>296,782</b>	<b>71,523</b>	<b>428,041</b>	<b>796,347</b>
	<b>CITYWIDE TOTAL (1,2,3&amp;4)</b>	<b>1,321,468</b>	<b>670,013</b>	<b>1,991,481</b>	<b>561,614</b>	<b>2,154,608</b>	<b>4,707,703</b>

NOTE: CPA, SUBREGIONAL, AND REGIONAL SOLID WASTE GENERATION STATISTICS ARE ESTIMATES BASED ON CITYWIDE GENERATION AND DIVERSION RATES.

SOURCE: CITY OF LOS ANGELES BOARD OF PUBLIC WORKS INTEGRATED SOLID WASTE MANAGEMENT OFFICE, SOURCE REDUCTION AND RECYCLING ELEMENT VOLUME 2: SOLID WASTE GENERATION STUDY, APRIL 1993. SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS (SCAG), 1990 EMPLOYMENT SURVEY, 1993. U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS, 1990 CENSUS DATA, 1993.

Table SW-3 SOLID WASTE FACILITIES UTILIZED BY LOS ANGELES IN 1992

CITY OF LOS ANGELES SOLID WASTE DISPOSAL FACILITIES CURRENTLY BEING UTILIZED	1992 OPPER (DAY/MK)	% OF LANDFILL WASTE INTAKE		1992 SWMP CAPACITY (TONS/DAY)	SWMP CAPACITY AVAILABLE TO CITY OF LA (TONS/DAY)	TOTAL 1990		NOMINAL 1990 WASTE DISPOSED BY L.A. (TONS)**	1992 REMAIN PERMITTED		POTENTIAL EXPANSION CAP (TONS)	POTENTIAL EXPANSION CAP AVAILABLE TO L.A. (TONS)		TOTAL POTENTIAL CAP AVAILABLE TO L.A. (TONS)
		CITY OF L.A.*	FROM CITY OF L.A.*			WASTE DISPOSED (TONS)	1992 REMAIN CAP (TONS)		1992 REMAIN CAP AVAILABLE TO L.A. (TONS)	POTENTIAL EXPANSION CAP (TONS)		POTENTIAL EXPANSION CAP AVAILABLE TO L.A. (TONS)		
BKK (WEST COVINA)	6	47.2	47.2	12,000	5,664	3,040,000	1,434,860	15,960,000	7,533,120	N/A	N/A	N/A	7,533,120	
BRADLEY WEST	6	94.1	94.1	7,000	6,587	600,000	564,600	11,800,000	11,103,800	N/A	N/A	N/A	11,103,800	
CHIQUITA CANYON (S. CLARA VAL.)	7	47.2	47.2	5,000	2,360	550,000	259,600	3,000,000	1,416,000	18,000,000	8,496,000	8,496,000	9,912,000	
LOPEZ CANYON	5	100.0	100.0	4,100	4,100	970,000	970,000	4,200,000	4,200,000	21,700,000	21,700,000	21,700,000	25,900,000	
CALABASAS	6	59.0	59.0	3,500	2,065	850,000	501,500	14,800,000	8,732,000	N/A	N/A	N/A	8,732,000	
<b>TOTAL</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>31,600</b>	<b>20,776</b>	<b>6,010,000</b>	<b>3,730,580</b>	<b>49,760,000</b>	<b>32,984,920</b>	<b>39,700,000</b>	<b>30,196,000</b>	<b>30,196,000</b>	<b>63,180,920</b>	

NOTES:  
 \* PERCENTAGE OF LANDFILL WASTE INTAKE COMING FROM CITY OF LOS ANGELES REFERS TO THE PERCENTAGE BY WEIGHT OF THE TOTAL LANDFILL WASTE INTAKE WHICH ORIGINATED FROM THE CITY OF LOS ANGELES.  
 \*\* 1990 NOMINAL WASTE DISPOSED BY CITY OF LA IS BASED ON PERCENTAGE OF WASTE COMING FROM THE CITY OF L.A. (SEE NOTE ABOVE).  
 PERCENTAGES FOR BRADLEY WEST, LOPEZ CANYON, AND CALABASAS ARE BASED ON ESTIMATES OF 1990 LANDFILL TONNAGES GENERATED BY ISWMO LANDFILL SURVEYING. PERCENTAGES FOR BKK WEST COVINA AND CHIQUITA CANYON ARE NOMINAL PERCENTAGES WHICH WERE CHOSEN SUCH THAT TOTAL LANDFILL TONNAGES IN 1990 WOULD BE EQUIVALENT TO LANDFILL DISPOSAL AS INDICATED BY THE 1990 MODELS. THESE READJUSTMENTS WERE MADE IN ORDER TO REALLOCATE 1990 LANDFILL TONNAGES FROM SUNSHINE CANYON LANDFILL AND AZUSA LANDFILL (WHICH NO LONGER ACCEPT L.A. CITY WASTE) TO DISPOSAL FACILITIES WHICH CURRENTLY ACCEPT L.A. CITY WASTE. IT IS ASSUMED THAT THESE PERCENTAGES WILL REMAIN CONSTANT FOR THE DURATION OF THE STUDY (ie. 1990 -2010).

Table SW-4

EXISTING AND PROPOSED SOLID WASTE FACILITIES

CITY OF LOS ANGELES SOLID WASTE DISPOSAL FACILITIES CLASS III LANDFILLS AND WTE FACILITIES	1992 LANDFILL OPERATOR	1992 OPPEP (DAY/WK)	1992 SWMP CAPACITY (TONS/DAY)	1992 LUP CAPACITY (TONS/DAY)	1990 WASTE DISPOSED (TONS)	1992 REMAIN PERMITTED CAP (TONS)	DATE PERMIT EXPIRES	POTENTIAL EXPANSION CAP (TONS)	PLANNED EXPANSION CAP (TONS)	PROPOSED EXPANSION CAP (TONS)	PROPOSED EXPAN. CAP. (TONS/DAY)
<b>1.0 ACCEPT CITY WASTE (EXISTING)</b>											
1.1 AZUSA LAND RECLAMATION**	BFI	6	6,500	6,500	880,000	0	02/21/91	25,800,000	N/A	N/A	N/A
1.2 BKK (WEST COVINA)	BKK CORP.	6	12,000	N/A	3,040,000	15,960,000	11/30/95	N/A	N/A	N/A	N/A
1.3 BRADLEY WEST	WMNA	6	7,000	6,500	600,000	11,800,000	12/29/93	N/A	N/A	N/A	N/A
1.4 CHIQUITA CANYON (S. CLARA VAL.)	LAIDLAW	7	5,000	N/A	550,000	3,000,000	11/24/97	18,000,000	N/A	N/A	5,000
1.5 LOPEZ CANYON**	LADPW BOS	5	4,100	3,300	970,000	4,200,000	01/30/98	21,700,000	N/A	N/A	8,400
<b>2.0 ACCEPT ONLY WASTED WASTE</b>											
2.1 CALABASAS	LACSD	6	3,500	N/A	850,000	14,800,000	2010	N/A	N/A	N/A	N/A
2.2 SCHOLL CANYON (GLENDALE)	LACSD	6	3,400	N/A	680,000	13,000,000	1995	6,000,000	N/A	N/A	N/A
<b>3.0 SMALL LANDFILLS**</b>											
3.1 ANTELOPE VALLEY	N/A	7	350	N/A	125,000	925,000	1996	N/A	N/A	N/A	N/A
3.2 LANCASTER	N/A	6	450	N/A	92,000	150,000	12/95	N/A	N/A	N/A	N/A
3.3 PEBBLY BEACH	N/A	6	30	N/A	3,000	97,000	N/A	N/A	N/A	N/A	N/A
3.4 SAN CLAMENTE	N/A	5	1	N/A	2,000	24,000	10/31/91	N/A	N/A	N/A	N/A
3.5 TWO HARBORS	N/A	5	4	N/A	88	7,300	N/A	N/A	N/A	N/A	N/A
<b>4.0 CITY RESTRICTED LANDFILLS**</b>											
4.1 BRAND PARK	N/A	5	104	N/A	15,000	306,000	N/A	N/A	N/A	N/A	N/A
4.2 BURBANK	N/A	5	240	N/A	61,000	11,440,000	N/A	N/A	N/A	N/A	N/A
4.3 PITCHESS HONOR RANCHO (S.C.V.)	N/A	5	23	N/A	5,400	2,240,000	1994	N/A	N/A	N/A	N/A
4.4 PUENTE HILLS (HACIENDA HTS.)#	LACSD	6	13,200	13,200	3,700,000	7,500,000	11/01/93	70,000,000	N/A	37,000,000	12,000
4.5 SPADRA (POMONA)	LACSD	6	3,000	3,700	850,000	6,920,000	07/01/95	N/A	N/A	N/A	N/A
4.6 SUNSHINE CANYON (N. VALLEY)@	BFI	6	7,000	16,000	880,000	17,000,000	LAW SUIT	215,000,000	70,000,000	17,000,000	5,890
4.7 WHITTIER (SAVAGE CANYON)	N/A	6	350	N/A	110,000	6,390,000	N/A	N/A	N/A	N/A	N/A
<b>5.0 PROPOSED FACILITIES (L.A. CO.)</b>											
5.1 BLIND CANYON	CURTIS	0	0	0	0	0	NONE	130,000,000	0	0	16,500
5.2 BROWNS CANYON***	N/A	0	0	0	0	0	NONE	N/A	0	0	N/A
5.3 ELSMERE CANYON@	BKK	0	0	0	0	0	NONE	190,000,000	N/A	N/A	16,000
5.4 LA TUNA CANYON	N/A	0	0	0	0	0	NONE	14,000,000	0	0	N/A
5.5 MISSION CANYON	N/A	0	0	0	0	0	NONE	25,000,000	0	0	8,000
5.6 MISSION RUSTIC-SULLIVAN CYN	N/A	0	0	0	0	0	NONE	126,000,000	0	0	8,000
5.7 STRATHEN PIT	N/A	6	0	0	0	0	NONE	5,500,000	0	0	2,700
5.8 TOWSLEY CANYON	LACSD	0	0	0	0	0	NONE	225,000,000	100,000,000	0	8,000
5.9 TOYON II***	N/A	0	0	0	0	0	NONE	4,500,000	0	0	N/A
<b>6.0 PROPOSED RAIL-HAUL FACILITIES</b>											
6.1 BAKERSFIELD (KERN CO.)	WTU	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.2 BLYTHE (RIVERSIDE CO.)	CMRR	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.3 BORAX (KERN CO.)	N/A	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.4 CAMPO RESERVATION (I. CO.)	CAMPO SWMP	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.5 CHOCOLATE MNTS (NILAND) (I. CO.)	CDC	0	0	0	0	0	NONE	28,000,000	N/A	N/A	3,000
6.6 MESQUITE GOLD MINE (I. CO.)	CIP (INTERAIL)	0	0	0	0	0	NONE	800,000,000	N/A	N/A	20,000
6.7 DUNN (SAN BERNARDINO CO.)	N/A	0	0	0	0	0	NONE	500,000,000	500,000,000	N/A	22,000
6.8 EAGLE MOUNTAIN (R. CO.)	MRC/BF/KSC	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.9 EAST CARBON CANYON, UT	ECDC	N/A	25,000	N/A	140,250	114,000,000	N/A	700,000,000	171,000,000	114,000,000	20,000
6.10 EL SOBRANTE (R. CO.)	N/A	0	0	0	0	0	NONE	200,000,000	N/A	N/A	25,000
6.11 GUATEMALA	NATL GOVT.	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.12 HECTOR (S. B. CO.)	HVRI	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.13 IMPERIAL (IMPERIAL CO.)	OM/5B	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.14 MOROGO RESERVATION (R. CO.)	N/A	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.15 NORTHERN CALIFORNIA	GENE CERNY	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.16 ORO GRANDE (S. B. CO.)	N/A	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.17 SOLO STATION, AMBOY (S. B. CO.)	RAIL-CYCLE	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
6.18 TEHACHAPI (KERN CO.)	WECI	0	0	0	0	0	NONE	430,000,000	200,000,000	N/A	21,000
6.19 VICTORVILLE (S. B. CO.)	WTU	0	0	0	0	0	NONE	N/A	N/A	N/A	N/A
<b>7.0 WASTE TO ENERGY FACILITIES</b>											
7.1 COMMERCE WTE (1989 CAPACITY)	LACSD	N/A	420	N/A	110,000	NO LIMIT	N/A	N/A	N/A	N/A	N/A
7.2 SERRF WTE (1989 CAPACITY)	LONG BEACH	N/A	1,150	N/A	300,000	NO LIMIT	N/A	N/A	N/A	N/A	N/A

\*AZUSA WESTERN, AZUSA) CLOSED BY COURT ORDER DUE TO GROUND WATER CONTAMINATION JANUARY 1991.  
 \*\*CITY OF LOS ANGELES USE ONLY.  
 \*\*\*DO NOT ACCEPT CITY OF LOS ANGELES SOLID WASTE.  
 \*\*\*\*SITE REJECTED BECAUSE OF UNCERTAIN GEOLOGY.  
 @COULD BE CLOSED IN 2010 DUE TO LEGAL CHALLENGES.  
 #CAPACITY COULD BE EXHAUSTED IN 2010.  
 NOTE: THE VICTORVILLE AND BAKERSFIELD SITES ARE ALTERNATIVE PROPOSALS BY WASTE TECH UTILITY (WTU).  
 THE CAMPO SOLID WASTE MANAGEMENT PROJECT WILL BE OPERATED BY MID-AMERICAN WASTE SYSTEMS, INC.  
 INTERAIL IS A JOINT VENTURE BETWEEN WESTERN WASTE INDUSTRIES (WWI), GOLD FIELDS MINING COMPANY OF COLORADO (GFMC), AND SP ENVIRONMENTAL SYSTEMS, INC. (SPES).  
 THE EAGLE MOUNTAIN PROJECT IS A JOINT VENTURE BETWEEN MINE RECLAMATION CORPORATION (MRC), BROWNING-FERRIS INDUSTRIES (BFI), AND KAISER STEEL CORPORATION.  
 THE EAST CARBON DEVELOPMENT CORPORATION (ECDC) OPERATES THE ONLY RAIL-HAUL LANDFILL WHICH WILL ACCEPT CITY SOLID WASTE AND IS CURRENTLY FULLY PERMITTED AND OPERATIONAL. ACTUAL DAILY PERMITTED CAPACITY IS NOT CURRENTLY RESTRICTED (25000 TONS/DAY IS A P  
 THE HECTOR PROJECT IS PROPOSED BY HIDDEN VALLEY RESOURCES, INC. (HVRI).  
 THE CHOCOLATE MOUNTAINS (NILAND) PROJECT IS PROPOSED BY CHAMBERS DEVELOPMENT CORPORATION (CDC) FOR A SITE 13 MILES EAST OF CAIPATRA.  
 THE IMPERIAL PROJECT IS A JOINT VENTURE BETWEEN OGDEN MARTIN AND SMITH BARNEY.  
 RAIL-CYCLE IS A LIMITED PARTNERSHIP BETWEEN WASTE MANAGEMENT OF NORTH AMERICA AND THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY.  
 THE MONOLITH MINE PROJECT AT TEHACHAPI IS PROPOSED BY WASTE ENGINEERING AND CONSULTING, INC. (WECI).  
 THE COUNCIL OF ENERGY RECOVERY TRIBES (CERT) IS NOT INCLUDED AMONG RAIL HAUL ALTERNATIVES BECAUSE NO SPECIFIC SITE WAS IDENTIFIED IN THE LONG HAUL STUDY.

SOURCE: CALIFORNIA INTEGRATED SOLID WASTE MANAGEMENT BOARD (CISWMB), INFORMATION SHEET ON RAIL-HAUL, MARCH 11, 1993.  
 LOS ANGELES COUNTY SOLID WASTE MANAGEMENT COMMITTEE/INTEGRATED SOLID WASTE MANAGEMENT TASK FORCE, REMAINING PERMITTED DISPOSAL CAPACITY OF SOLID WASTE FACILITIES IN LOS ANGELES COUNTY (LETTER), MARCH 28, 1991.  
 LOS ANGELES COUNTY SANITATION DISTRICT (LACSD) SOLID WASTE MANAGEMENT DEPARTMENT, PUENTE HILLS WASTE MANAGEMENT FACILITIES DRAFT ENVIRONMENTAL IMPACT REPORT, JUNE 1992  
 LADPW BUREAU OF SANITATION, CITY SOLID WASTE MANAGEMENT PLAN (CSWMP) PHASE I REPORT: EXISTING CONDITIONS, AUGUST 1988.  
 LADPW BUREAU OF SANITATION CSWMP PHASE II REPORT: COMPONENT ALTERNATIVES FINAL REPORT, DECEMBER 1989.  
 LADPW BUREAU OF SANITATION, CSWMP PHASE IV REPORT: SOLID WASTE MANAGEMENT POLICY PLAN, APRIL 1993.  
 LADPW BUREAU OF SANITATION, LONG HAUL STUDY PHASE I REPORT, MAY 1988.  
 CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD, REACHING THE LIMIT AN INTERIM REPORT ON LANDFILL CAPACITY IN CALIFORNIA, JANUARY 1, 1990.

will not consider these facilities directly, **Table SW-4** is included to show possible future solid waste facility availability.

#### **2.4.4 Project Impacts**

A model was generated to project solid waste generation and disposal rates for the City of Los Angeles from 1990 to 2010 for Project Buildout. Under Project Buildout of the Framework Plan, the City's single family residential (SFR) population is projected to increase by 102,134 persons from an existing SFR population of 1,446,388 persons. Similarly, the City's multi family residential (MFR) population is projected to increase by 719,031 persons from an existing MFR population of 2,039,011 persons. Citywide employment in the industrial sector is projected to increase by 15,920 persons to a total of 591,595 persons. Citywide employment in the commercial (including retail) sector is projected to increase by 687,207 persons to a total of 1,699,966 persons.

Solid waste generation rates were determined separately for the SFR, MFR, Industrial, and Commercial/Government sectors. Solid waste generation rates were determined for the baseline 1990 year and assumed constant for the duration of the study. Diversion rates were then adjusted over time in order to model projected solid waste disposal quantities.

Diversion rates used in the solid waste model assume that Los Angeles will meet diversion criteria mandated by the California Integrated Waste Management Act (AB939). AB939 was passed in September of 1989 and mandates that each city divert 25% of its waste from disposal facilities by 1995 and 50 percent by the year 2000. The City of Los Angeles has prepared a Source Reduction and Recycling Element (SRRE) describing how it will reach these goals and the SRRE indicates that the diversion rates mandated by AB939 can be achieved by the city by the target dates.

In 1990, the City of Los Angeles diverted 20.6% of its waste from disposal facilities. Diversion rates were assumed to vary linearly between 1990 and 1995 from 20.6% diversion in 1990 to 25% diversion in 1995. Similarly, diversion rates were assumed to vary linearly between 1995 and 2000 from 25% diversion in 1995 to 50% diversion in 2000. From 2000 to 2010, diversion rates were assumed to remain constant at 50% diversion.

Solid waste generation rates (before diversion) used in the model are as follows: the SFR sector was assumed to generate 0.91 tons per person per day; the MFR sector was assumed to generate 0.33 tons per person per day; the Industrial sector was assumed to generate 0.98 tons per person per day; and the commercial/government sector was assumed to generate 2.13 tons per person per day.

**Tables SW-5** and **SW-6** show projected solid waste generation at 0% and 50% diversion rates respectively for Project Buildout of the Framework Plan. **Table SW-5** indicates levels of solid waste generation at Project Buildout and **Table SW-6**

**Table SW-5 PROJECT BUILDOUT SOLID WASTE GENERATION (BEFORE DIVERSION)**

CITY OF LOS ANGELES PROJECT SOLID WASTE GENERATION BEFORE DIVERSION COMMUNITY PLANNING AREA (CPA)		SINGLE FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	MULTI FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL INDUSTRIAL SOLID WASTE (TONS/YR)	TOTAL COMIGOV SOLID WASTE (TONS/YR)	TOTAL SOLID WASTE GENERATION (TONS/YR)
1	ARLETA-PACOIMA	65,107	14,524	79,631	14,030	29,744	123,405
2	BEL AIR-BEVERLY CREST	17,731	706	18,437	937	12,356	31,730
3	BOYLE HEIGHTS	31,851	28,735	60,386	15,641	48,391	124,418
4	BRENTWOOD-PACIFIC PALISADES	31,412	9,936	41,348	3,405	53,119	97,871
5	CANOGA PARK	95,196	28,817	124,013	24,164	222,567	370,744
6	CENTRAL CITY	101	8,845	8,947	75,799	476,552	561,297
7	CENTRAL CITY NORTH	1,447	12,242	13,689	17,945	49,808	81,443
8	CHATSWORTH-PORTER RANCH	55,330	13,735	69,065	37,786	81,156	188,008
9	ENCINO-TARZANA	35,073	13,461	48,533	7,963	112,409	168,905
10	GRANADA HILLS	43,119	4,743	47,862	4,127	35,699	87,688
11	HARBOR GATEWAY	16,848	9,040	25,888	13,151	27,697	66,736
12	HOLLYWOOD	40,833	69,738	110,672	17,227	207,430	335,329
13	MISSION HILLS	47,819	28,861	76,479	12,277	68,840	157,597
14	NORTH HOLLYWOOD	36,102	38,336	74,438	14,092	90,651	179,182
15	NORTHEAST LOS ANGELES	126,919	52,302	179,221	28,987	119,393	327,602
16	NORTHRIDGE	34,335	12,726	47,061	5,820	39,471	92,352
17	PALMS	26,916	29,416	56,332	10,260	62,950	129,541
18	PORT OF LOS ANGELES	0	0	0	8,802	5,389	14,191
19	RESEDA- WOODLAND HILLS	51,883	17,379	69,263	18,356	68,747	156,366
20	SAN PEDRO	27,832	19,214	47,043	3,506	56,465	107,014
21	SHERMAN OAKS-STUDIO CITY	27,313	18,720	46,033	6,836	103,829	156,697
22	SILVER LAKE-ECHO PARK	27,989	21,820	49,819	6,614	30,414	86,847
23	SOUTH CENTRAL LOS ANGELES	102,445	66,630	169,075	13,642	138,315	321,032
24	SOUTHEAST LOS ANGELES	109,929	55,150	165,079	50,332	116,583	331,994
25	SUN VALLEY	46,309	14,631	60,940	26,603	46,645	134,187
26	SUNLAND-TUJUNGA	40,142	8,246	48,388	2,270	20,511	71,170
27	SYLMAR	44,887	9,382	54,269	7,819	36,926	99,015
28	VAN NUYS-N. SHERMAN OAKS	41,352	39,666	81,018	22,103	153,035	256,155
29	VENICE	12,375	10,730	23,105	2,791	29,178	55,074
30	WEST ADAMS	59,431	44,667	104,098	14,757	82,565	201,419
31	WEST LOS ANGELES	18,172	20,847	39,019	15,209	201,877	256,105
32	WESTCHESTER	20,772	13,003	33,775	17,987	119,646	171,409
33	WESTLAKE	5,821	38,666	44,486	10,817	134,328	189,631
34	WESTWOOD	6,168	14,082	20,250	7,166	137,800	165,215
35	WILMINGTON	30,552	19,298	49,850	5,804	45,019	109,673
36	WILSHIRE	35,559	97,996	133,554	32,122	351,110	516,787
<b>PLANNING SUBREGION</b>	<b>1 CENTRAL LOS ANGELES (6,7&amp;33)</b>	<b>7,369</b>	<b>59,753</b>	<b>67,122</b>	<b>104,561</b>	<b>660,688</b>	<b>832,371</b>
	<b>2 HARBOR (11,18,20&amp;35)</b>	<b>75,232</b>	<b>47,549</b>	<b>122,781</b>	<b>31,262</b>	<b>134,571</b>	<b>288,617</b>
	<b>3 METRO CENTER (12&amp;36)</b>	<b>76,492</b>	<b>167,734</b>	<b>244,226</b>	<b>49,349</b>	<b>558,540</b>	<b>852,171</b>
	<b>4 NORTHEAST LOS ANGELES (3,15&amp;22)</b>	<b>186,569</b>	<b>102,857</b>	<b>289,426</b>	<b>51,242</b>	<b>198,199</b>	<b>538,868</b>
	<b>5 NORTHEAST VALLEY (1,25,26&amp;27)</b>	<b>196,446</b>	<b>46,783</b>	<b>243,229</b>	<b>50,722</b>	<b>133,826</b>	<b>427,777</b>
	<b>6 NORTHWEST VALLEY (8,10,13&amp;16)</b>	<b>180,402</b>	<b>60,065</b>	<b>240,467</b>	<b>60,011</b>	<b>225,167</b>	<b>525,645</b>
	<b>7 SOUTH LOS ANGELES (23&amp;24)</b>	<b>212,374</b>	<b>121,780</b>	<b>334,154</b>	<b>63,974</b>	<b>254,898</b>	<b>653,026</b>
	<b>8 SOUTHEAST VALLEY (14,21&amp;28)</b>	<b>104,767</b>	<b>96,721</b>	<b>201,488</b>	<b>43,031</b>	<b>347,515</b>	<b>592,034</b>
	<b>9 SOUTHWEST LOS ANGELES (17,29,30&amp;32)</b>	<b>119,494</b>	<b>97,815</b>	<b>217,310</b>	<b>45,794</b>	<b>294,339</b>	<b>557,442</b>
	<b>10 SOUTHWEST VALLEY (5,9&amp;19)</b>	<b>182,152</b>	<b>59,657</b>	<b>241,809</b>	<b>50,483</b>	<b>403,722</b>	<b>696,015</b>
	<b>11 WEST LOS ANGELES (2,4,31&amp;34)</b>	<b>73,483</b>	<b>45,571</b>	<b>119,053</b>	<b>26,717</b>	<b>405,152</b>	<b>550,922</b>
<b>PLANNING REGION</b>	<b>1 METRO-SOUTHERN (1,2,3,4&amp;7)</b>	<b>558,037</b>	<b>499,672</b>	<b>1,057,709</b>	<b>300,389</b>	<b>1,806,895</b>	<b>3,164,993</b>
	1.1 METRO (1,3&4)	270,431	330,343	600,774	205,153	1,417,427	2,223,354
	1.2 SOUTHERN (2&7)	287,606	169,329	456,935	95,236	389,468	941,639
	<b>2 NORTH SAN FERNANDO VALLEY (5&amp;6)</b>	<b>376,848</b>	<b>106,848</b>	<b>483,696</b>	<b>110,733</b>	<b>358,992</b>	<b>953,422</b>
	<b>3 SOUTH SAN FERNANDO VALLEY (8&amp;10)</b>	<b>286,919</b>	<b>156,378</b>	<b>443,297</b>	<b>93,514</b>	<b>751,237</b>	<b>1,288,049</b>
	<b>4 WESTSIDE (9&amp;11)</b>	<b>192,977</b>	<b>143,386</b>	<b>336,363</b>	<b>72,511</b>	<b>699,491</b>	<b>1,108,365</b>
	<b>CITYWIDE TOTAL (1,2,3&amp;4)</b>	<b>1,414,781</b>	<b>906,284</b>	<b>2,321,065</b>	<b>577,147</b>	<b>3,616,616</b>	<b>6,514,828</b>

Table SW-6

## PROJECT SOLID WASTE DISPOSAL AT HYPOTHETICAL 50% DIVERSION

CITY OF LOS ANGELES PROJECT SOLID WASTE DISPOSAL ( AT 50% DIVERSION) COMMUNITY PLANNING AREA (CPA)		SINGLE FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	MULTI FAMILY RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL RESIDENTIAL SOLID WASTE (TONS/YR)	TOTAL INDUSTRIAL SOLID WASTE (TONS/YR)	TOTAL COMERC/GOV SOLID WASTE (TONS/YR)	TOTAL SOLID WASTE DISPOSAL NEED (TONS/YR)
1	ARLETA-PACOIMA	32,554	7,262	39,815	7,015	14,872	61,702
2	BEL AIR-BEVERLY CREST	8,865	353	9,219	468	6,178	15,865
3	BOYLE HEIGHTS	15,825	14,368	30,193	7,820	24,196	62,209
4	BRENTWOOD-PACIFIC PALISADES	15,706	4,968	20,674	1,703	26,559	48,936
5	CANOGA PARK	47,598	14,408	62,006	12,082	111,283	185,372
6	CENTRAL CITY	51	4,423	4,473	37,900	238,276	280,649
7	CENTRAL CITY NORTH	724	6,121	6,845	8,973	24,904	40,721
8	CHATSWORTH-PORTER RANCH	27,665	8,868	34,532	18,893	40,578	94,004
9	ENCINO-TARZANA	17,536	6,730	24,267	3,981	56,204	84,452
10	GRANADA HILLS	21,559	2,372	23,931	2,064	17,849	43,844
11	HARBOR GATEWAY	8,424	4,520	12,944	6,575	13,849	33,368
12	HOLLYWOOD	20,467	34,869	55,336	8,614	103,715	167,664
13	MISSION HILLS	23,809	14,430	38,240	6,139	34,420	78,799
14	NORTH HOLLYWOOD	18,051	19,168	37,219	7,046	45,326	89,591
15	NORTHEAST LOS ANGELES	63,460	26,151	89,610	14,494	59,697	163,801
16	NORTHRIDGE	17,168	6,363	23,530	2,910	19,735	46,176
17	PALMS	13,458	14,708	28,166	5,130	31,475	64,771
18	PORT OF LOS ANGELES	0	0	0	4,401	2,694	7,095
19	RESEDA- WOODLAND HILLS	25,942	8,690	34,631	9,178	34,373	78,183
20	SAN PEDRO	13,916	9,606	23,522	1,753	28,233	53,507
21	SHERMAN OAKS-STUDIO CITY	13,657	9,360	23,016	3,418	51,914	78,349
22	SILVER LAKE-ECHO PARK	14,000	10,910	24,909	3,307	15,207	43,424
23	SOUTH CENTRAL LOS ANGELES	51,222	33,315	84,537	6,821	69,157	160,516
24	SOUTHEAST LOS ANGELES	54,965	27,575	82,540	25,166	58,291	165,997
25	SUN VALLEY	23,155	7,315	30,470	13,301	23,322	67,094
26	SUNLAND-TUJUNGA	20,071	4,123	24,194	1,135	10,255	35,585
27	SYLMAR	22,443	4,691	27,135	3,910	18,463	49,507
28	VAN NUYS-N. SHERMAN OAKS	20,676	19,833	40,509	11,051	76,517	128,078
29	VENICE	6,188	5,365	11,552	1,395	14,589	27,537
30	WEST ADAMS	29,715	22,333	52,049	7,378	41,282	100,710
31	WEST LOS ANGELES	9,086	10,423	19,509	7,605	100,939	128,053
32	WESTCHESTER	10,386	6,501	16,887	8,994	59,823	85,704
33	WESTLAKE	2,910	19,333	22,243	5,408	67,164	94,816
34	WESTWOOD	3,084	7,041	10,125	3,583	68,900	82,608
35	WILMINGTON	15,276	9,649	24,925	2,902	22,510	50,336
36	WILSHIRE	17,779	48,998	66,777	16,061	175,555	258,393
<b>PLANNING</b>	<b>1 CENTRAL LOS ANGELES (6,7&amp;33)</b>	<b>3,685</b>	<b>29,876</b>	<b>33,561</b>	<b>52,281</b>	<b>330,344</b>	<b>416,186</b>
<b>SUBREGION</b>	<b>2 HARBOR (11,18,20&amp;35)</b>	<b>37,616</b>	<b>23,774</b>	<b>61,390</b>	<b>15,631</b>	<b>67,285</b>	<b>144,307</b>
	<b>3 METRO CENTER (12&amp;36)</b>	<b>38,246</b>	<b>83,867</b>	<b>122,113</b>	<b>24,675</b>	<b>279,270</b>	<b>426,058</b>
	<b>4 NORTHEAST LOS ANGELES (3,15&amp;22)</b>	<b>93,285</b>	<b>51,428</b>	<b>144,713</b>	<b>25,621</b>	<b>99,099</b>	<b>269,434</b>
	<b>5 NORTHEAST VALLEY (1,25,26&amp;27)</b>	<b>98,223</b>	<b>23,392</b>	<b>121,614</b>	<b>25,361</b>	<b>66,913</b>	<b>213,889</b>
	<b>6 NORTHWEST VALLEY (8,10,13&amp;16)</b>	<b>90,201</b>	<b>30,032</b>	<b>120,234</b>	<b>30,006</b>	<b>112,583</b>	<b>262,822</b>
	<b>7 SOUTH LOS ANGELES (23&amp;24)</b>	<b>106,187</b>	<b>60,890</b>	<b>167,077</b>	<b>31,987</b>	<b>127,449</b>	<b>326,513</b>
	<b>8 SOUTHEAST VALLEY (14,21&amp;28)</b>	<b>52,384</b>	<b>48,361</b>	<b>100,744</b>	<b>21,515</b>	<b>173,757</b>	<b>296,017</b>
	<b>9 SOUTHWEST LOS ANGELES (17,29,30&amp;32)</b>	<b>59,747</b>	<b>48,908</b>	<b>108,655</b>	<b>22,897</b>	<b>147,169</b>	<b>278,721</b>
	<b>10 SOUTHWEST VALLEY (5,9&amp;19)</b>	<b>91,076</b>	<b>29,829</b>	<b>120,905</b>	<b>25,242</b>	<b>201,861</b>	<b>348,007</b>
	<b>11 WEST LOS ANGELES (2,4,31&amp;34)</b>	<b>36,741</b>	<b>22,785</b>	<b>59,527</b>	<b>13,358</b>	<b>202,576</b>	<b>275,461</b>
<b>PLANNING REGION</b>	<b>1 METRO-SOUTHERN (1,2,3,4&amp;7)</b>	<b>279,018</b>	<b>249,836</b>	<b>528,854</b>	<b>150,195</b>	<b>903,448</b>	<b>1,582,497</b>
	<b>1.1 METRO (1,3&amp;4)</b>	<b>135,215</b>	<b>165,172</b>	<b>300,387</b>	<b>102,576</b>	<b>708,713</b>	<b>1,111,677</b>
	<b>1.2 SOUTHERN (2&amp;7)</b>	<b>143,803</b>	<b>84,664</b>	<b>228,467</b>	<b>47,618</b>	<b>194,734</b>	<b>470,820</b>
	<b>2 NORTH SAN FERNANDO VALLEY (5&amp;6)</b>	<b>188,424</b>	<b>53,424</b>	<b>241,848</b>	<b>55,367</b>	<b>179,496</b>	<b>476,711</b>
	<b>3 SOUTH SAN FERNANDO VALLEY (8&amp;10)</b>	<b>143,460</b>	<b>78,189</b>	<b>221,649</b>	<b>46,757</b>	<b>375,619</b>	<b>644,024</b>
	<b>4 WESTSIDE (9&amp;11)</b>	<b>96,488</b>	<b>71,693</b>	<b>168,181</b>	<b>36,255</b>	<b>349,745</b>	<b>554,182</b>
	<b>CITYWIDE TOTAL (1,2,3&amp;4)</b>	<b>707,390</b>	<b>453,142</b>	<b>1,160,533</b>	<b>288,574</b>	<b>1,808,308</b>	<b>3,257,414</b>

indicates levels of solid waste disposal at Project Buildout. Citywide solid waste generation is projected to be 6,515,000 tons per year. This indicates an annual increase in solid waste generation of 1,807,000 tons from 1990 solid waste generation levels.

Although Citywide solid waste generation is expected to increase under Project Buildout, Citywide solid waste disposal is projected to decrease from 1990 disposal levels. Citywide solid waste disposal under Project Buildout is projected to be 3,257,000 tons per year. This indicates an annual decrease in solid waste disposal of 474,000 tons from 1990 disposal levels. This decrease in solid waste disposal rates is attributed to the higher levels of diversion mandated by AB939 at the time of Project Buildout.

Tables SW-7 and SW-8 show projected yearly solid waste disposal rates from 1990 to 2010 using the generation and diversion rates as discussed above. Citywide total accumulated solid waste disposal for years 1993 to 2010 are also shown at the bottom of Tables SW-7 and SW-8. Citywide total accumulated solid waste disposal is compared to the total landfill capacity and total potential landfill capacity available to the City of Los Angeles for each year from 1993 to 2010 (see Table SW-3 for permitted landfill capacities available to the City of Los Angeles). The analysis shows that total 1992 permitted landfill capacities will be exhausted in the year 2002. Thus, a significant impact is projected for solid waste management under Project Buildout of the Framework Plan.

Tables SW-7 and SW-8 also compare Citywide total accumulated solid waste disposal to total potential landfill capacities available to the City of Los Angeles. The potential capacities include potential expansion capacities of 18 million tons at Chiquita Canyon and 21.7 million tons at Lopez Canyon. If these potential landfill expansion capacities are included in the analysis, the landfill disposal capacities available to the City of Los Angeles will not be exhausted by the year 2010.

Although a significant impact to solid waste management is expected under Project Buildout of the Framework Plan, and existing landfill capacities available to the City of Los Angeles are currently near exhaustion levels, the mitigation measures provided below can mitigate the impacts to solid waste management.

#### **2.4.5 Mitigation Measures**

The adoption of the General Plan Framework's policies, goals, and objectives will provide adequate mitigation measures to insure that solid waste generated within the City can be further diverted and that generated solid waste disposal demand can be met.

**Table SW-7 PROJECT BUILDOUT SOLID WASTE DISPOSAL FROM 1990 - 2000**

CITY OF LOS ANGELES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
(1990 - 2010 SOLID WASTE DISPOSAL (WITH AB939 IN EFFECT)* COMMUNITY PLANNING AREA (CPA))	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)
1 ARLETA-PACIFICA	80,882	80,468	80,045	79,621	78,197	76,773	74,334	69,495	64,856	60,217	55,578
2 BEL AIR-BEVERLY CREST	21,435	21,174	20,913	20,651	20,390	20,128	18,980	17,771	16,562	15,413	14,234
3 BOYLE HEIGHTS	78,724	78,828	78,931	79,035	79,139	79,242	74,585	69,927	65,270	60,613	55,955
4 BRENTWOOD-PACIFIC PALISADES	61,463	61,196	60,930	60,663	60,396	60,130	56,711	53,292	49,874	46,455	43,038
5 CANOGA PARK	208,764	211,205	212,646	214,088	215,529	216,970	205,221	193,471	181,721	169,972	158,222
6 CENTRAL CITY	224,350	236,330	248,311	260,291	272,271	284,252	271,378	258,504	245,631	232,757	218,884
7 CENTRAL CITY NORTH	36,167	37,928	39,689	41,444	43,203	44,962	42,861	40,400	38,119	35,836	33,557
8 CHATSWORTH-PORTER RANCH	108,893	108,901	110,969	113,036	115,104	117,171	110,419	103,667	96,915	90,163	83,411
9 ENCINO-TARZANA	98,209	98,444	98,248	98,051	100,054	100,456	94,924	89,393	83,861	78,328	72,798
10 GRANADA HILLS	38,632	37,325	36,018	34,712	33,405	32,098	32,877	48,643	48,309	42,978	39,642
11 HARBOR GATEWAY	195,548	198,248	196,948	197,648	198,348	199,048	188,108	177,170	166,231	155,293	144,355
12 HOLLYWOOD	93,869	94,049	94,189	94,329	94,469	94,609	84,121	78,638	73,155	67,672	62,189
13 MISSION HILLS	108,805	107,130	107,455	107,780	108,105	108,430	102,355	96,280	90,205	84,130	78,055
14 NORTH HOLLYWOOD	208,196	208,472	207,749	207,025	206,302	205,578	193,658	181,734	169,812	157,880	145,968
15 NORTHEAST LOS ANGELES	58,431	58,217	58,003	57,790	57,576	57,362	54,067	47,477	40,888	34,299	27,710
16 NORTHRIDGE	82,967	82,408	82,246	82,086	81,926	81,766	78,989	72,232	65,475	58,718	51,961
17 PALMS	6,031	6,882	7,332	7,983	8,634	9,284	8,725	7,608	6,491	5,374	4,257
18 PORT OF LOS ANGELES	94,573	95,023	95,473	95,923	96,373	96,823	91,277	85,731	80,185	74,639	69,093
19 RESEDA - WOODLAND HILLS	58,208	58,346	58,483	58,621	58,758	58,896	55,919	52,942	49,965	46,988	44,011
20 SAN PEDRO	92,880	93,234	93,489	93,744	93,999	94,253	89,004	83,755	78,506	73,257	68,007
21 SHERMAN OAKS-STUDIO CITY	57,046	56,883	56,720	56,557	56,394	56,231	51,982	48,735	45,488	42,241	39,000
22 SILVER LAKE-ECHO PARK	210,738	208,835	207,131	205,327	203,523	201,719	190,007	178,295	166,583	154,871	143,158
23 SOUTH CENTRAL LOS ANGELES	212,021	212,542	213,063	213,585	214,106	214,628	201,846	189,065	176,284	163,503	150,722
24 SOUTHEAST LOS ANGELES	84,015	84,801	85,588	86,375	87,162	87,949	82,849	77,750	72,651	67,552	62,453
25 SUN VALLEY	48,380	45,871	44,362	42,853	41,344	40,835	37,326	33,817	30,308	26,800	23,291
26 SUNLAND-TUJUNGA	58,787	59,767	59,748	59,729	59,710	59,691	41,336	36,340	31,344	26,348	21,352
27 SYLMAR	142,445	143,819	145,194	146,568	147,942	149,317	141,295	133,272	125,250	117,228	109,206
28 VAN NUYS-N. SHERMAN OAKS	35,847	35,882	35,478	35,281	35,108	34,920	32,878	30,836	28,794	26,752	24,710
29 VENICE	133,357	132,543	132,917	133,116	133,315	133,514	121,638	113,888	106,138	98,388	90,638
30 WEST ADAMS	127,846	130,432	132,917	135,403	137,888	140,374	133,314	126,254	119,193	112,132	105,073
31 WEST LOS ANGELES	88,984	88,853	88,722	88,591	88,460	88,329	86,361	84,393	82,425	80,457	78,489
32 WESTCHESTER	86,291	87,587	88,883	90,200	91,508	92,816	88,007	83,202	78,398	73,594	68,788
33 WESTLAKE	60,438	60,301	60,167	60,032	59,897	59,762	56,478	53,183	49,888	46,593	43,298
34 WESTWOOD	277,634	280,930	284,225	287,521	290,817	294,112	278,659	263,206	247,754	232,301	216,848
35 WILMINGTON	358,501	373,854	388,908	403,961	418,114	433,167	413,761	393,255	372,749	352,243	331,736
36 WILSHIRE	161,307	162,854	164,000	165,347	166,694	168,040	158,989	149,939	140,888	131,837	122,787
PLANNING REGION	473,182	477,178	481,173	485,168	489,163	493,158	468,768	440,377	413,985	387,593	361,201
1 CENTRAL LOS ANGELES (6,7&8,33)	344,986	343,984	343,001	342,019	341,037	340,055	320,233	300,411	280,590	260,768	240,947
2 HARBOR (11,18,20&35)	271,074	270,907	270,741	270,574	270,407	270,240	254,473	238,705	222,938	207,170	191,403
3 METRO CENTER (12&39)	318,372	319,766	321,220	322,644	324,068	325,492	308,848	286,203	269,559	250,915	232,271
4 NORTHEAST LOS ANGELES (3,15&22)	422,760	421,477	420,195	418,912	417,629	416,347	397,960	379,574	362,187	344,800	326,413
5 NORTHEAST VALLEY (1,25,26&27)	344,183	344,183	344,183	344,183	344,183	344,183	332,823	313,248	293,670	274,095	254,520
6 NORTHWEST VALLEY (6,10,13&16)	338,751	338,464	340,178	340,891	341,605	342,318	322,864	303,410	283,958	264,502	245,049
7 SOUTH LOS ANGELES (23&24)	402,781	405,075	407,368	408,862	411,955	414,249	391,422	368,584	345,787	322,940	300,113
8 SOUTH VALLEY (14,21&28)	297,125	300,389	303,653	306,917	310,181	313,445	298,982	280,519	264,056	247,592	231,128
9 SOUTHWEST LOS ANGELES (5,8&19)	1,760,717	1,778,947	1,797,178	1,815,408	1,833,639	1,851,869	1,751,608	1,651,342	1,551,078	1,450,815	1,350,552
10 SOUTHWEST VALLEY (5,8&19)	1,178,849	1,194,816	1,212,993	1,231,149	1,249,316	1,267,483	1,200,763	1,134,043	1,067,324	1,000,604	933,885
11 METRO-SOUTHERN (1,2,3,4&7)	584,068	584,131	584,195	584,259	584,323	584,387	550,843	517,289	483,755	450,211	418,667
12 SOUTHERN (2&7)	589,446	590,703	591,960	593,217	594,475	595,732	561,320	526,909	492,497	458,085	423,673
2 NORTH SAN FERNANDO VALLEY (5&6)	745,011	749,258	753,506	757,753	762,000	766,247	724,045	681,841	639,637	597,433	555,230
3 SOUTH SAN FERNANDO VALLEY (8&10)	635,878	639,853	643,831	647,808	651,786	655,763	619,646	583,529	548,412	512,095	476,178
4 WESTSIDE (9&11)	3,731,050	3,758,762	3,786,475	3,814,188	3,841,900	3,869,613	3,656,817	3,444,021	3,231,223	3,018,425	2,805,633
CITYWIDE TOTAL (1,2,3,3&4)											
PLANNING REGION	1,760,717	1,778,947	1,797,178	1,815,408	1,833,639	1,851,869	1,751,608	1,651,342	1,551,078	1,450,815	1,350,552
1 METRO-SOUTHERN (1,2,3,4&7)	1,178,849	1,194,816	1,212,993	1,231,149	1,249,316	1,267,483	1,200,763	1,134,043	1,067,324	1,000,604	933,885
1.1 METRO (1,3&4)	584,068	584,131	584,195	584,259	584,323	584,387	550,843	517,289	483,755	450,211	418,667
1.2 SOUTHERN (2&7)	589,446	590,703	591,960	593,217	594,475	595,732	561,320	526,909	492,497	458,085	423,673
2 NORTH SAN FERNANDO VALLEY (5&6)	745,011	749,258	753,506	757,753	762,000	766,247	724,045	681,841	639,637	597,433	555,230
3 SOUTH SAN FERNANDO VALLEY (8&10)	635,878	639,853	643,831	647,808	651,786	655,763	619,646	583,529	548,412	512,095	476,178
4 WESTSIDE (9&11)	3,731,050	3,758,762	3,786,475	3,814,188	3,841,900	3,869,613	3,656,817	3,444,021	3,231,223	3,018,425	2,805,633
CITYWIDE ACCUMULATED SOLID WASTE DISPOSAL IN TONS STARTING FROM 1993	3,814,188	7,656,088	11,525,701	15,182,316	18,626,539	21,857,764	24,876,193	27,681,826			

IS TON5DAY/AWEEK UNDER 1992 SWMP CAPACITY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TON6DAY/AWEEK UNDER 1992 SWMP CAPACITY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TON7DAY/AWEEK UNDER 1992 SWMP CAPACITY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TOTAL LANDFILL CAP. AVAIL. TO CITY OF L.A. EXHAUSTED	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
IS TOTAL LANDFILL CAP. AVAIL. TO CITY OF L.A. (AFTER POTENTIAL EXPANSION) EXHAUSTED.	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTES:  
 \* THIS TABLE IS GENERATED TO SHOW SOLID WASTE GENERATION RATES FOR 1990 - 2010 UNDER POLICY BUILDOUT ASSUMING THAT AB939 MANDATES HAVE BEEN MET CITYWIDE. AB939 STIPULATES 25% DIVERSION BY 1995 AND 50% DIVERSION BY 2010.

**Table SW-8 PROJECT BUILDOUT SOLID WASTE DISPOSAL FROM 2001 - 2010**

CITY OF LOS ANGELES 1990 - 2010 SOLID WASTE DISPOSAL (WITH AB939 IN EFFECT)* COMMUNITY PLANNING AREA (CPA)	2,001	2,002	2,003	2,004	2,005	2,006	2,007	2,008	2,009	2,010	TOTAL SOLID WASTE DISPOSAL FROM 1990 - 2010
	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	SOLID WASTE (TONS/YR)	
1 ARLETA-PACIFICA	56,190	58,803	57,415	58,028	58,640	59,252	59,865	60,477	61,090	61,702	1,382,737
2 BEL AIR-BEVERLY CREST	14,398	14,887	14,724	14,887	15,052	15,213	15,373	15,538	15,702	15,865	388,967
3 BOYLE HEIGHTS	56,581	57,206	57,831	58,457	59,082	59,708	60,333	60,958	61,584	62,209	1,384,188
4 BRENTWOOD-PACIFIC PALISADES	43,628	44,216	44,808	45,398	45,986	46,578	47,166	47,756	48,346	48,936	1,076,956
5 CANOGA PARK	163,937	163,652	166,387	166,082	171,797	174,512	177,227	179,942	182,657	185,372	3,920,353
6 CENTRAL CITY	225,980	232,037	238,113	244,190	250,266	256,343	262,419	268,496	274,572	280,649	5,287,003
7 CENTRAL CITY NORTH	34,273	34,990	35,706	36,423	37,139	37,855	38,572	39,288	40,005	40,721	868,952
8 CHATSWORTH-PORTER RANCH	85,528	86,588	87,648	88,707	89,767	90,828	91,888	92,948	94,008	95,068	2,048,959
9 ENCINO-TARZANA	73,983	75,128	76,264	77,460	78,625	79,781	80,966	82,121	83,287	84,452	1,808,085
10 GRANADA HILLS	40,062	40,462	40,902	41,323	41,743	42,163	42,583	43,004	43,424	43,844	997,638
11 HARBOR GATEWAY	28,387	28,828	29,271	29,714	30,156	30,598	31,041	31,483	31,926	32,368	710,894
12 HOLLYWOOD	148,685	149,018	151,347	153,676	156,005	158,334	160,663	163,002	165,333	167,664	3,586,880
13 MISSION HILLS	69,378	70,425	71,472	72,518	73,565	74,612	75,659	76,705	77,752	78,799	1,700,816
14 NORTH HOLLYWOOD	79,208	80,392	81,518	82,669	83,823	84,978	86,130	87,284	88,437	89,591	1,940,721
15 NORTHEAST LOS ANGELES	147,752	149,595	151,318	153,101	154,885	156,668	158,451	160,234	162,018	163,801	3,651,148
16 NORTHridge	41,415	41,944	42,473	43,002	43,531	44,060	44,589	45,118	45,647	46,176	1,022,717
17 PALMS	58,614	59,288	59,982	60,686	61,351	62,055	62,719	63,403	64,087	64,771	1,447,244
18 PORT OF LOS ANGELES	6,552	6,612	6,672	6,732	6,792	6,852	6,912	6,972	7,032	7,092	182,221
19 RESEDA - WOODLAND HILLS	70,002	70,911	71,820	72,729	73,638	74,547	75,456	76,365	77,274	78,183	1,716,036
20 SAN PEDRO	44,981	45,911	46,860	47,810	48,759	49,708	50,658	51,608	52,557	53,507	1,093,477
21 SHERMAN OAKS-STUDIO CITY	68,041	70,075	71,109	72,143	73,178	74,212	75,246	76,280	77,314	78,349	1,691,172
22 SILVER LAKE-ECHO PARK	39,463	39,893	40,343	40,783	41,223	41,663	42,103	42,544	42,984	43,424	978,813
23 SOUTH CENTRAL LOS ANGELES	144,884	146,630	148,366	150,101	151,837	153,573	155,309	157,044	158,780	160,516	3,597,340
24 SOUTHEAST LOS ANGELES	152,250	153,777	155,305	156,832	158,359	159,887	161,415	162,942	164,470	165,997	3,752,609
25 SUN VALLEY	62,017	62,581	63,145	63,709	64,273	64,837	65,401	65,965	66,530	67,094	1,521,692
26 SUNLAND-TUJUNGA	31,768	32,182	32,616	33,040	33,464	33,888	34,312	34,737	35,161	35,585	789,103
27 SYLMAR	43,877	44,325	44,773	45,221	45,669	46,117	46,565	47,013	47,461	47,909	1,072,794
28 VAN NUYS-N. SHERMAN OAKS	110,958	112,860	114,762	116,664	118,566	120,468	122,371	124,273	126,175	128,078	2,696,262
29 VENICE	24,983	25,267	25,550	25,834	26,118	26,402	26,686	26,969	27,253	27,537	618,697
30 WEST ADAMS	92,000	92,967	93,935	94,903	95,871	96,839	97,807	98,774	99,742	100,710	2,283,198
31 WEST LOS ANGELES	107,371	108,669	111,987	114,265	116,543	118,821	121,100	123,378	125,656	127,934	2,578,043
32 WESTCHESTER	72,819	74,251	75,682	77,114	78,546	79,978	81,409	82,841	84,273	85,704	1,749,486
33 WESTLAKE	78,948	81,600	83,252	84,904	86,556	88,208	89,860	91,512	93,164	94,816	1,927,981
34 WESTWOOD	70,188	71,580	72,972	74,364	75,756	77,148	78,540	79,932	81,324	82,716	1,863,141
35 WILMINGTON	44,039	44,739	45,439	46,139	46,839	47,539	48,239	48,939	49,639	50,339	1,082,016
36 WILSHIRE	221,002	225,157	229,311	233,466	237,621	241,775	245,930	250,084	254,239	258,393	5,330,885
PLANNING REGION	340,181	348,828	357,071	365,518	373,961	382,408	390,851	399,298	407,741	416,188	8,023,968
1 CENTRAL LOS ANGELES (6,633)	124,938	127,091	129,243	131,395	133,547	135,699	137,851	140,003	142,155	144,307	3,036,769
2 HARBOR (11,18,20&35)	397,687	374,173	390,858	397,144	393,630	400,115	406,601	413,086	419,572	426,058	6,937,676
3 METRO CENTER (12&39)	243,795	246,844	249,893	252,941	255,990	259,039	262,088	265,136	268,185	271,234	6,024,156
4 NORTHEAST LOS ANGELES (3,15&22)	193,651	195,900	198,149	200,397	202,646	204,894	207,143	209,391	211,640	213,889	4,778,332
5 NORTHEAST VALLEY (1,25,26&27)	235,328	238,381	241,434	244,487	247,540	250,593	253,646	256,699	259,752	262,805	5,770,128
6 NORTHWEST VALLEY (8,10,13&16)	297,144	300,407	303,670	306,934	310,197	313,460	316,723	319,987	323,250	326,513	7,349,942
7 SOUTH LOS ANGELES (23&24)	259,207	263,297	267,387	271,477	275,567	279,657	283,747	287,837	291,927	296,017	6,328,185
8 SOUTHEAST VALLEY (14,21&28)	248,416	251,783	255,150	258,517	261,885	265,252	268,619	271,987	275,354	278,721	6,086,675
9 SOUTHWEST LOS ANGELES (17,28,30&32)	304,902	309,892	314,881	319,871	324,860	329,850	334,840	339,830	344,820	349,810	7,444,475
10 SOUTHWEST VALLEY (5,8&19)	235,582	238,986	242,428	245,862	249,296	252,730	256,164	259,598	263,032	266,466	5,707,108
11 WEST LOS ANGELES (2,4,31&34)	1,373,746	1,398,841	1,420,135	1,443,330	1,466,524	1,489,719	1,512,913	1,536,108	1,559,302	1,582,497	33,374,368
1 METRO-SOUTHERN (1,2,3,4&7)	951,664	969,443	987,222	1,005,001	1,022,781	1,040,560	1,058,339	1,076,118	1,093,898	1,111,677	22,985,717
1.1 METRO (1,3&4)	422,083	427,498	432,913	438,328	443,744	449,159	454,574	459,989	465,404	470,820	10,388,651
1.2 SOUTHERN (2&7)	428,677	434,281	439,585	444,889	450,192	455,496	460,800	466,103	471,407	476,711	10,546,460
2 NORTH SAN FERNANDO VALLEY (5&6)	584,198	572,889	581,888	590,748	599,627	608,506	617,386	626,265	635,145	644,024	13,772,630
3 SOUTH SAN FERNANDO VALLEY (8&10)	483,978	491,779	499,579	507,379	515,179	522,979	530,779	538,579	546,379	554,179	11,805,781
4 WESTSIDE (6&11)	2,850,811	2,895,989	2,941,167	2,986,345	3,031,524	3,076,702	3,121,880	3,167,058	3,212,236	3,257,414	69,489,239
CITYWIDE TOTAL (1,2,3&4)	30,532,637	33,428,626	36,359,793	39,335,139	42,387,662	45,464,364	48,586,244	51,753,301	54,965,638	58,222,952	

CITYWIDE ACCUMULATED SOLID WASTE DISPOSAL IN TONS	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
IS TONSDAYWEEK UNDER 1992 SWMP CAPACITY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TONSDAYWEEK UNDER 1992 SWMP CAPACITY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TONSDAYWEEK UNDER 1992 SWMP CAPACITY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TOTAL LANDFILL CAP. AVAIL. TO CITY OF L.A. EXHAUSTED	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
IS TOTAL LANDFILL CAP. AVAIL. TO CITY OF L.A. (AFTER POTENTIAL EXPANSION) EXHAUSTED	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTES:  
 \* THIS TABLE IS GENERATED TO SHOW SOLID WASTE GENERATION RATES FOR 1990 - 2010 UNDER POLICY BUILDOUT ASSUMING THAT AB939 MANDATES HAVE BEEN MET CITYWIDE. AB939 STIPULATES 25% DIVERSION BY 1995 AND 50% DIVERSION BY 2010.

#### 2.4.5.1 Mitigation through Framework Policy

The implementation of Goals 9.F and 9.G and Policy 9.13.1 will insure that solid waste generation demand can be met through:

- Adequate collection, transfer, and disposal of mixed solid waste - the city shall ensure that all mixed solid waste that cannot be reduced, recycled, or composted is collected, transferred, and disposed of in a manner that minimizes adverse environmental impacts;
- an environmentally sound solid waste management system that protects public health, safety, and natural resources and minimizes adverse environmental impacts; and
- preparing a 30-year policy plan that provides direction for the solid waste management decision-making process.

The implementation of Goals 9D and 9E and Policies 9.13.2 and 9.13.3 will decrease expected solid waste disposal levels specifically through:

- an integrated solid waste management system that maximizes source reduction and materials recovery and minimizes the amount of waste requiring disposal;
- adequate recycling facility development;
- establishing citywide diversion objectives; and
- defining specific programmatic tasks, roles, and responsibilities for source reduction, composting, special waste, and public education goals, as well as an implementation schedule.

#### 2.4.5.2 Additional Recommended Mitigation

The proposed General Plan Framework policies, goals, and objectives provide adequate mitigation measures and no additional mitigation measures have been identified or are believed to be necessary.

#### 2.4.6 Level of Impact Significance

The increased waste disposal need generated by the proposed General Plan Framework is considered to be a significant adverse impact which can be feasibly mitigated (Class II).