



DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY

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January 25, 2018

Ramin Abidi
Deputy Director
County of San Diego
5510 Overland Ave., Suite 410
San Diego, CA 92123-1237

VIA ELECTRONIC MAIL

Re: Five-Year Review Report For the Countywide Integrated Waste Management
Plan For The County of San Diego

Dear Mr. Abidi:

This letter is notification that on January 25, 2018 the County of San Diego's request for approval was approved. Please see CalRecycle Public Notices page at ["http://www.calrecycle.ca.gov/Actions/"](http://www.calrecycle.ca.gov/Actions/) for complete item information.

We look forward to working with you as the County of San Diego implements its diversion-related programs. Should you have any questions, please contact Arlene Iwahiro of the Local Assistance and Market Development Division at (916) 322.8000.

Sincerely,

A handwritten signature in blue ink that reads "Carol Mortensen".

Caroll Mortensen, Manager
North Section, Local Assistance and Market Development Division

Attachment: Request For Approval

cc: A. Iwahiro



REQUEST FOR APPROVAL

To: Cara Morgan
Branch Chief

From: Arlene Iwahiro
Environmental Scientist

Request Date: January 23, 2018

Decision Subject: Five-Year Review Report for the Countywide Integrated Waste Management Plan for the County of San Diego

Action By: December 14, 2017

Summary of Request:

Public Resources Code (PRC) Sections 41770 and 41822 require the Department of Resources Recycling and Recovery to review and approve or disapprove each Countywide or Regional Agency Integrated Waste Management Plan Five-Year Review Report. The County of San Diego has submitted a Five-Year Review Report of its Countywide Integrated Waste Management Plan (CIWMP) that concludes no revisions to the County's planning documents are necessary at this time. This memo requests approval of the County's Five-Year CIWMP Review Report findings that a revision is not necessary.

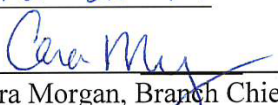
Recommendation:

Based on staff review of the County of San Diego's Five-Year CIWMP Review Report, the requirements have been satisfied and staff agrees with the County's findings that a revision is not necessary. Therefore, staff recommends approval of the County's Five-Year CIWMP Review Report.

Branch Chief Action:

On the basis of the information and analysis in this Request for Approval and the background information and findings set out herein, I hereby approve the County's Five-Year CIWMP Review Report.

Dated: 12-20-17



Cara Morgan, Branch Chief

Summary of Report Findings

Type of Report: CIWMP RAIWMP

Was revision to any SRRE, HHWE, NDFE, or the CSE or SP necessary at time of review? Yes No

If yes, list necessary revisions: _____

Was implementation schedule(s) provided? Yes No N/A

Summary of Report Findings

Type of Report: CIWMP RAIWMP

Was revision to any SRRE, HHWE, NDFE, or the CSE or SP necessary at time of review? Yes No

If yes, list necessary revisions: _____

Was implementation schedule(s) provided? Yes No N/A

County of San Diego Five-Year Review Report of the Countywide Integrated Waste Management Plan

Board of Supervisors

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Prepared by:



**County of San Diego Department of Public Works
5510 Overland Avenue, Suite 410
San Diego, CA 92123**

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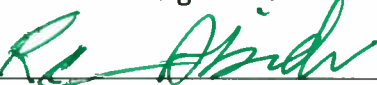
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3 INTRODUCTION

3.1 County or Regional Agency Information

Public Resources Code (PRC) Sections 41770 and 41822, and Title 14, California Code of Regulations (CCR) Section 18788 require that each countywide or regional agency integrated waste management plan (CIWMP/RAIWMP), and the elements thereof, be reviewed, revised, if necessary, and submitted to the Department of Resources Recycling and Recovery (CalRecycle) every five years. I certify that the information in this document is true and correct to the best of my knowledge, and that I am authorized to complete this report and request approval of the CIWMP or RAIWMP Five-Year Review Report on behalf of:			
County or Regional Agency Name County of San Diego		County San Diego	
Authorized Signature 		Title Deputy Director, Department of Public Works	
Type/Print Name of Person Signing Ramin Abidi	Date	Phone 858-694-2125	
Person Completing This Form (please print or type) Stephanie Ewalt	Title Recycling Specialist II	Phone (858) 694-2458	
Mailing Address 5510 Overland Ave, Suite 210	City San Diego	State CA	Zip 92123
E-mail Address Stephanie.Ewalt@sdcounty.ca.gov			

3.2 Background

This is the County of San Diego's fourth Five-Year Review Report since the approval of the Countywide Integrated Waste Management Plan (CIWMP) on June 25, 1997.

None of the following have occurred since the last Five-Year CIWMP Review Report:

- Diversion goal reduction
- New regional agency
- Changes to regional agency
- New city name

Additional Information

Since 2012, three jurisdictions in San Diego County have adopted high diversion goals. In June 2012, the City of Oceanside's Zero Waste Strategic Plan was approved by their City Council to reach 75% diversion by 2020. In December 2013, the City of San Diego City Council adopted a Zero Waste Objective that established the targets for 75% diversion of waste from landfills by 2020 and Zero Waste by 2040. Staff is additionally targeting the goal of 90% diversion by 2035 as currently proposed in the City's draft Climate Action Plan. In April 2017, the County of San Diego Board of Supervisors adopted a goal of reaching 75% diversion by 2025 for the unincorporated areas of the county.

4 LOCAL TASK FORCE REVIEW

a. In accordance with Title 14 CCR, Section 18788, the Local Task Force (LTF) reviewed each element and plan included in the CIWMP and finalized its comments.

at the ____ LTF meeting. electronically (fax, e-mail) other (Explain):

County of San Diego staff presented the Five-Year Review Report to the Local Task Force. It was sent to the Technical Advisory Committee (TAC) on July 6th, 2017 and to the Citizen’s Advisory Committee (CAC) on 7/13/17. Both were provided an open comment period through August 1, 2017. No comments were received by either committee. See Appendix B for TAC and CAC meeting agendas. County staff also provided the Five-Year Review Report to the San Diego Association of Governments (SANDAG) in August 2017.

b. The County of San Diego received the written comments from the LTF on N/A – No comments were received.

Members of the Integrated Waste Management Technical Advisory Committee include representatives of the following jurisdictions:

Carlsbad	Lemon Grove
Chula Vista	National City
Coronado	Oceanside
Del Mar	Poway
El Cajon	San Diego
Encinitas	San Marcos
Escondido	Santee
Imperial Beach	Solana Beach
La Mesa	Vista
County of San Diego (unincorporated)	

Members of the Citizen’s Advisory Committee vary and consist of citizens, haulers and solid waste industry, and non-profit organizations.

5 TITLE 14, CALIFORNIA CODE OF REGULATIONS SECTION 18788 (3) (A) THROUGH (H)

San Diego County CIWMP documents, accompanied by individual annual reports, continue to serve as appropriate reference tools for implementing and monitoring compliance with AB 939. The goals, objectives, and policies in the elements are still applicable. Each jurisdiction's letter of planning document accuracy is in Appendix A.

The subsections below address the areas of change specified in the regulations, and provide specific analysis regarding the continued adequacy of the planning documents including a determination regarding any need for a revision to one or more of the planning documents.

5.1 Changes in Demographics in the County or Regional Agency

Analysis

Upon review of demographic changes since 1990:

- The demographic changes since the development of the CIWMP do not warrant a revision to any of the countywide planning documents.

Additional Analysis

The previous 2012 Five-Year Review Report of the CIWMP noted a high rate of population growth from 2000 to 2010. However, as shown in this 2017 Five-Year Review Report of the CIWMP, this did not continue into the next five year period. From 2010 to 2015, San Diego County experienced a steady rate of population growth (Table 1)¹. Population grew countywide by 4% between 2010 and 2015. Population changes generally vary from jurisdiction to jurisdiction, but within the five year period of 2010 through 2015 all jurisdictions had a narrow growth rate increase between 2% to 8% (with the exception of Coronado which decreased by 5%).

The San Diego countywide labor force also increased (Table 2)². From 2010 to 2015, the labor force grew by 10% after increasing only 2% during the 2000-2010 period. However, the year-over-year change in the labor force has been fluctuating since 2010, with labor force growth at 1% in 2011, 2013, 2015, and 2016. This is less robust than the annual job growth between 1996 and 1999 which was between 2% and 4% each year.

San Diego Consumer Price Index grew from an annual average of 245.46 in 2010 to an annual average of 274.73 in 2016 for an 11.9% growth rate during that time frame (Table 3)³. San

¹ Source: SANDAG Census Data, Table page 11.

² Source: California Employment Development Department unemployment rates, Table page 12.

³ Source: Department of Industrial Relations, Table page 13

Diego taxable sales also grew from 2010 – 2015 by a total of 30%, from \$41,623,636 to \$54,185,588, during the five year period (Table 4)⁴.

Past population, employment, and taxable sales trends for San Diego County are shown on a graph in Figure 1: San Diego Countywide Demographics in Relation to Waste Disposal. Disposal trends are also displayed in Figure 1, which demonstrates that while countywide population has grown at a slow and steady pace, employment growth has lagged behind, and disposal and taxable sales fluctuated to a greater extent. Taxable sales have been on an upward trajectory since 2010, but the rate of increase has been slowing since 2011. Meanwhile, disposal decreased and flattened out for a longer period of time than taxable sales, before trending moderately upward in 2013.

Though disposal tonnages for 2014 and 2015 were similar to those in 1998 and 1999 (Figure 2), it is not presumed that disposal will return to the peak levels that occurred from 2003 to 2005. The State of California continues to pass legislation in support of additional recycling requirements with an emphasis on increasing organic material diversion and developing the necessary organics processing infrastructure. Recent and future State mandates are anticipated to result in continued reduction in landfill disposal, greater operating costs at landfills, and the need to develop new recycling processing facilities. Key legislation predicted to affect disposal includes the following:

(1) AB 939 (1989) – Local jurisdictions were required to reach 50% diversion by 2000 and to maintain or exceed this rate, implement recycling programs, and to report disposal to the State.

(2) AB 32 (2006) – The Global Warming Solutions Act, requires that the California Air Resource Board (CARB) develop a scoping plan, identifying strategies to reduce greenhouse gas emissions. CARB’s scoping plan targeted the handling of green waste and other organic materials in an effort to reduce landfill gas emissions.

(3) AB 341 (2011) – The State set a statewide (not city-by-city) landfill diversion goal of 75% by 2020 and redefined what constituted diversion for this determination. AB 341 also implemented recycling requirements for businesses, public entities and multi-family complexes and for jurisdictions to implement programs for these sectors.

(4) AB 1594 (2014) – Green waste used as alternate daily landfill cover (ADC) will no longer receive recycling credit beginning in 2020. Currently, approximately 300,000 tons of green waste is used as ADC annually. To continue receiving recycling credit, this material will need to be sent to a composting or other organics processing facility. Reductions in disposal tonnage are anticipated.

(5) AB 1826 (2014) – Phased-in commercial organics (food scraps and green waste) recycling requirements began in 2016. Existing organic processing facility infrastructure is insufficient to process the additional organic materials targeted by AB 1594 and AB 1826. Through various methods and incentives, the State is supporting the development and expansion of composting and anaerobic digestion facilities to process the additional organic materials. Reductions in disposal tonnage are anticipated.

⁴ Source: California Board of Equalization, Table page 14.

(6) SB 1383 (2016) - CalRecycle, in consultation with the California Air Resources Board (ARB), is required to develop regulations to reduce the disposal of organic waste 50 percent below 2014 levels by 2020 and 75 percent by 2025. Additionally, requirements are included to recover 20 percent of edible food for human consumption that is currently landfilled by 2025. These mandates support the Short-Lived Climate Pollutant (SLCP) Reduction Strategy developed by the California Air Resources Board because the decomposition of organic material in a landfill releases methane and other greenhouse gases. Reductions in disposal tonnage are anticipated.

The County of San Diego is currently assessing region-wide organics generation and processing capacity to prepare for the above legislation.

Jurisdictions in San Diego County have responded to increases in population, employment, and the economy with a variety of different measures, including adding new or improved waste management and recycling programs, instituting mandatory recycling requirements, and providing technical assistance for residents and businesses, all of which help meet AB 939 requirements.

The demographic changes since the development of the CIWMP do not warrant a revision to the Countywide Summary Plan or the Countywide Siting Element planning documents. Though population is increasing, rates of increase in sales and employment have been slowing after a post-recession surge. Additionally, State and local regulations and programs are expected to divert increasing amounts of organic and other recyclable materials.

Further analysis of generation and disposal of solid waste appear in Section 5.2.

Table 1 - Population of San Diego County Jurisdictions, 2000-2015

Jurisdiction	2000	2010	2015	2000-2010		2010-2015		2000-2015	
	Total Population	Total Population	Est. Population	Difference	% Change	Est. Difference	Est. % Change	Est. Difference	Est. % Change
Carlsbad	78,247	105,185	110,653	26,938	34%	5,468	5%	32,406	41%
Chula Vista	173,556	243,916	257,989	70,360	41%	14,073	6%	84,433	49%
Coronado	24,100	24,697	23,497	597	2%	-1,200	-5%	-603	-3%
Del Mar	4,389	4,161	4,238	-228	-5%	77	2%	-151	-3%
El Cajon	94,869	99,478	101,444	4,609	5%	1,966	2%	6,575	7%
Encinitas	58,014	59,518	61,518	1,504	3%	2,000	3%	3,504	6%
Escondido	133,721	143,976	147,294	10,255	8%	3,318	2%	13,573	10%
Imperial Beach	26,992	26,324	26,761	-668	-2%	437	2%	-231	-1%
La Mesa	54,749	57,065	58,813	2,316	4%	1,748	3%	4,064	7%
Lemon Grove	24,918	25,320	26,199	402	2%	879	3%	1,281	5%
National City	54,260	58,582	59,827	4,322	8%	1,245	2%	5,567	10%
Oceanside	161,029	167,344	171,682	6,315	4%	4,338	3%	10,653	7%
Poway	48,044	47,811	49,041	-233	0%	1,230	3%	997	2%
San Diego	1,223,400	1,301,617	1,368,061	78,217	6%	66,444	5%	144,661	12%
San Marcos	54,977	83,772	90,827	28,795	52%	7,055	8%	35,850	65%
Santee	52,975	53,413	55,805	438	1%	2,392	4%	2,830	5%
Solana Beach	12,979	12,867	13,104	-112	-1%	237	2%	125	1%
Unincorporated County	442,757	486,550	504,330	43,793	10%	17,780	4%	61,573	14%
Vista	89,857	93,717	96,413	3,860	4%	2,696	3%	6,556	7%
Countywide	2,813,833	3,095,313	3,227,496	281,480	10%	132,183	4%	413,663	15%

Sources: 2000 and 2010 data: SANDAG compilation of U.S. Census Bureau data. 2015 data: SANDAG, Current Estimates.

Note that SANDAG Census data now differs from what was available during preparation of the September 2012 5-Year Review Report.

Table 2 - San Diego County Labor Force, 1995-2016

Year	Labor Force	Annual Change
2016	1,497,000	1%
2015	1,482,500	1%
2014	1,473,700	3%
2013	1,437,500	1%
2012	1,424,900	4%
2011	1,367,200	1%
2010	1,352,300	-4%
2009	1,408,300	-3%
2008	1,452,600	0%
2007	1,446,300	1%
2006	1,436,800	1%
2005	1,425,700	1%
2004	1,408,900	2%
2003	1,382,300	1%
2002	1,369,200	1%
2001	1,349,500	2%
2000	1,323,200	1%
1999	1,308,700	3%
1998	1,266,000	4%
1997	1,220,500	4%
1996	1,170,800	2%
1995	1,145,900	N/A

	2000	2010	2015	% Change 2000-2010	% Change 2010-2015	% Change 2000-2015
5 Year Increments						
Countywide Labor Force	1,323,200	1,352,300	1,482,500	2%	10%	12%

Source: Unemployment Rates (Labor Force), Annual, Not Seasonally Adjusted, Not Preliminary: EDD, Accessed May 4, 2016-
<http://www.labormarketinfo.edd.ca.gov/county/sdiego.html>

Table 3- San Diego Consumer Price Index, 2007-2016

San Diego Consumer Price Index , 2007 - 2016		
Year	Annual Average	Percent of Change from Previous Year
2016	274.73	2.0%
2015	269.44	1.6%
2014	265.15	1.9%
2013	260.32	1.3%
2012	256.96	1.6%
2011	252.91	3.0%
2010	245.46	1.3%
2009	242.27	0.0%
2008	242.31	3.9%
2007	233.32	2.3%

Source: Department of Industrial Relations <http://www.dir.ca.gov/OPRL/CPI/PresentCCPI.PDF>

Table 4- San Diego County Taxable Sales (\$)

County of San Diego Taxable Sales (\$)			
	Taxable Sales (\$)	Annual Growth (\$)	Annual Change
2015	\$ 54,185,588	\$ 1,473,949	3%
2014	\$ 52,711,639	\$ 2,414,307	5%
2013	\$ 50,297,331	\$ 2,350,296	5%
2012	\$ 47,947,035	\$ 2,856,653	6%
2011	\$ 45,090,382	\$ 3,466,746	8%
2010	\$ 41,623,636	\$ 1,894,980	5%
2009	\$ 39,728,657	\$ (5,600,480)	-12%
2008	\$ 45,329,136	\$ (2,156,852)	-5%
2007	\$ 47,485,988	\$ (349,526)	-1%
2006	\$ 47,835,514	\$ 1,156,043	2%
2005	\$ 46,679,471	\$ 2,209,133	5%
2004	\$ 44,470,338	\$ 3,606,360	9%
2003	\$ 40,863,978	\$ 2,268,431	6%
2002	\$ 38,595,547	\$ 896,214	2%
2001	\$ 37,699,333	\$ 1,453,915	4%
2000	\$ 36,245,418	\$ 3,493,013	11%
1999	\$ 32,752,405	\$ 3,136,401	11%
1998	\$ 29,616,004	\$ 2,207,478	8%
1997	\$ 27,408,526		

Source: <http://www.boe.ca.gov/news/tsalescont.htm>

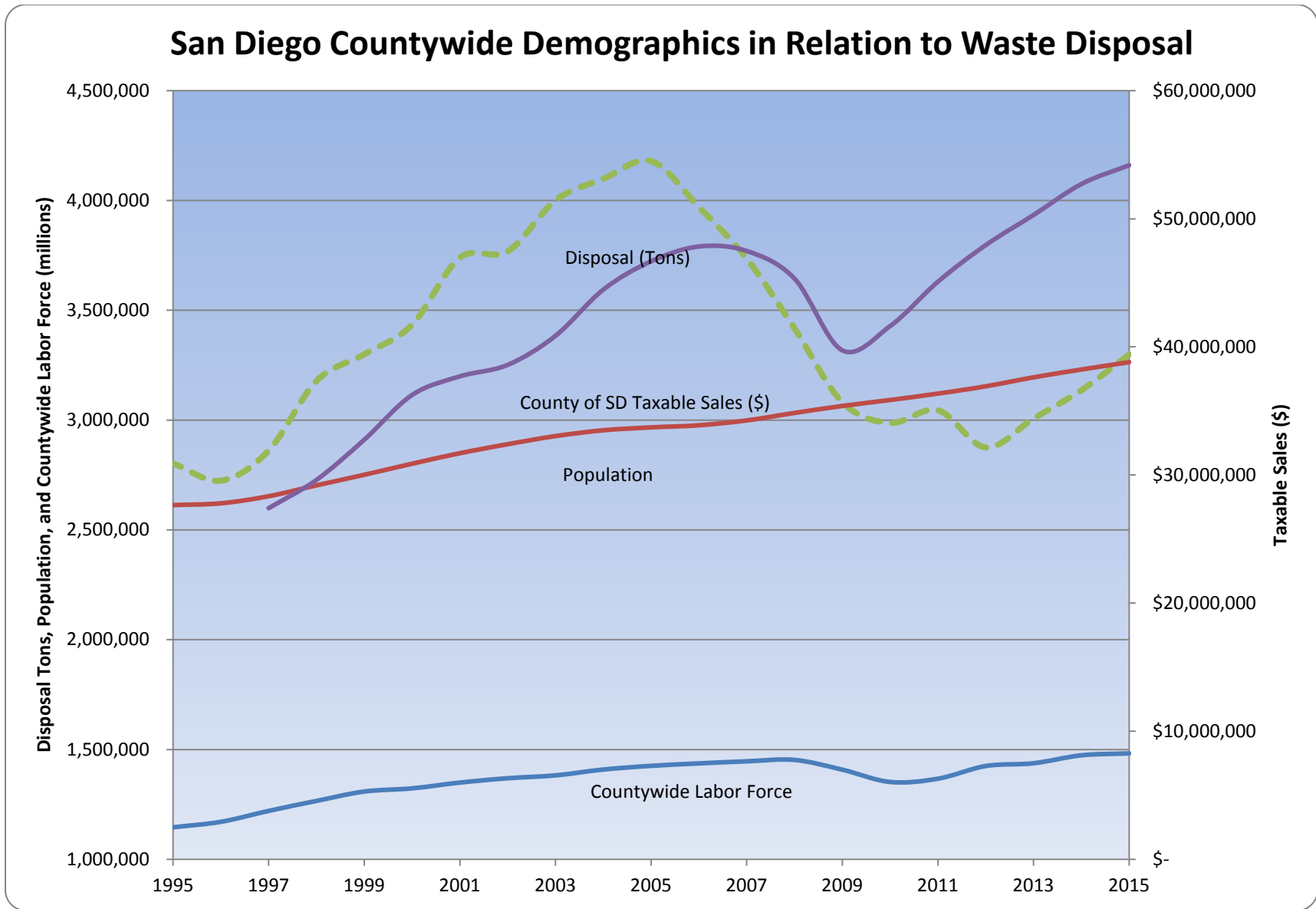


Figure 1- San Diego Countywide Demographics in Relation to Waste Disposal

San Diego Countywide In-County Disposal Trend (2000-2015)

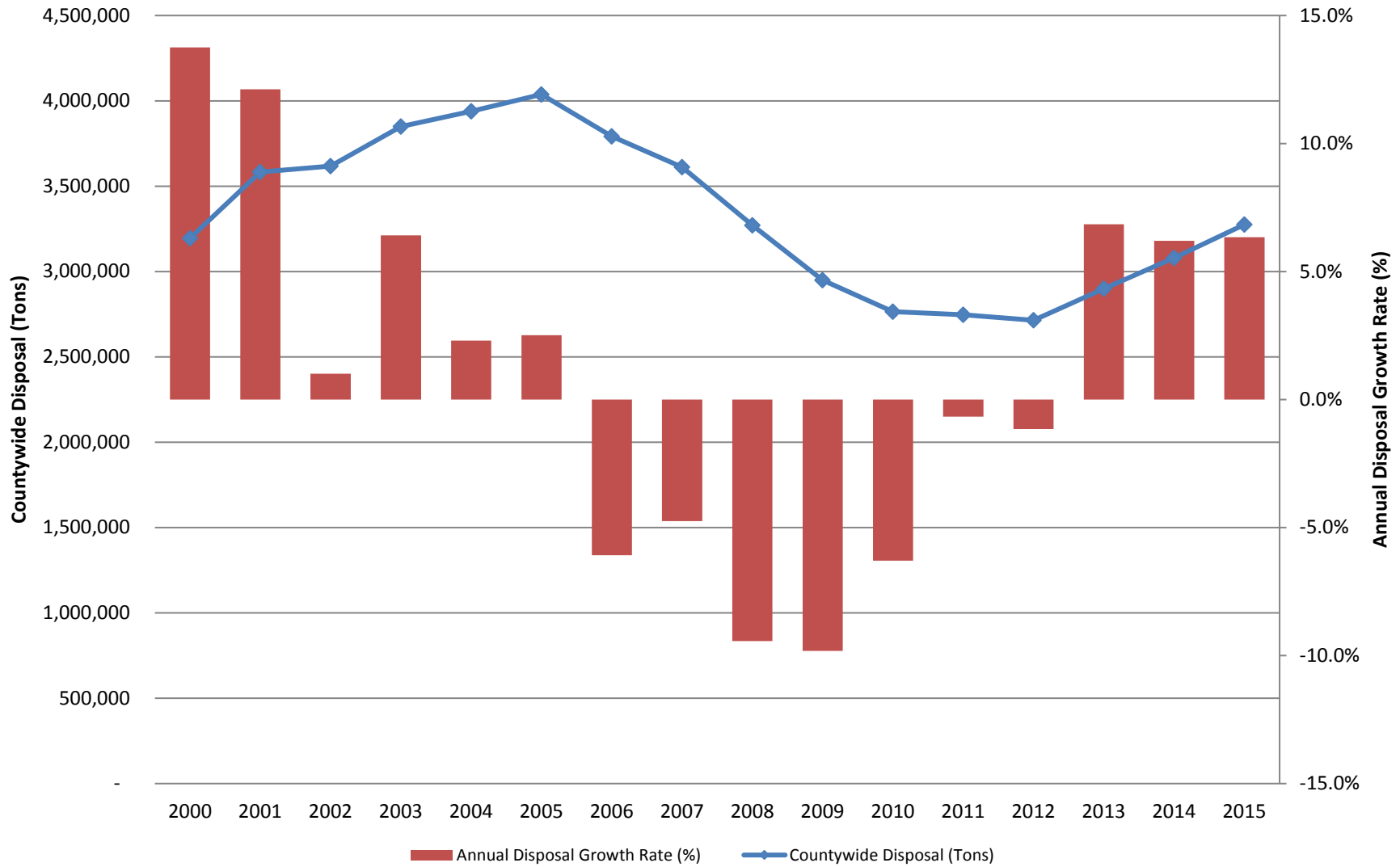


Figure 2 - San Diego Countywide In-County Disposal Trend

5.2 Changes in Quantities of Waste within the County and Changes in Permitted Disposal Capacity and Waste Disposed in the County

- The county or regional agency (if it includes the entire county) continues to have adequate disposal capacity (i.e., equal to or greater than 15 years).

Analysis

- The changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP do not warrant a revision to any of the countywide planning documents. Specifically, see additional analysis below.

Additional Analysis

Disposal & Generation Trends

Between 2000 and 2006, the quantity of solid waste generated within the County increased by 33% (Table 5)⁵. All jurisdictions had an increase in solid waste generation. Jurisdictions with the greatest increases over the seven years were Chula Vista, Oceanside, San Marcos, and Santee. Prior to 2007, the State provided jurisdictional waste generation statistics. Since the inception of AB 1016 and the switch from using diversion percentages to pounds per person per day (PPD) to determine compliance with AB 939, the State no longer provided waste generation statistics. Therefore, no San Diego County generation tons are provided beyond 2006.

Countywide solid waste disposal decreased by 13% between 2000 and 2010, and rose by 10% between 2010 and 2015 (Table 6)⁶. Between 2000 and 2015, five jurisdictions had increases in the amount disposed (Carlsbad, Chula Vista, Coronado, Escondido, and the unincorporated County). The remaining fourteen jurisdictions had decreases in disposal, some by as much as 25%. No single factor has been identified for this drop, but the Great Recession between 2007 and 2009 likely caused people and businesses to discard less waste during that period. Another reason for the reduced landfill disposal rate has been increased conservation and recycling activities. Xeriscape landscaping, which reduces production of green waste, is more widely used, compost facilities have expanded, jurisdictions have implemented mandatory recycling ordinances, and there are increased construction and demolition recycling ordinances and facilities.

Figure 2 displays the in-county disposal trends from 2000 – 2015 and each year's annual growth rate by percentage. Countywide disposal was at its highest in 2005 at 4,037,762 tons and at its lowest in 2012 at 2,714,430 tons. While there was approximately a 6% growth rate annually in 2013, 2014, and 2015, disposal numbers are similar to those in 1998 -2000. It is presumed that waste disposal tonnages will not reach 2005 levels again due to increased State and local recycling requirements and programs.

Waste Diversion and Pounds Per Person Per Day Disposed (PPD) Trends

⁵ Source: CalRecycle, Table page 21.

⁶ Source: CalRecycle, Table page 22.

Table 7⁷ summarizes each jurisdiction's progress in implementing the Source Reduction and Recycling Element (SRRE) and compliance with the 50% diversion rate requirement. In 2007, AB 1016 changed the diversion reporting from a percentage calculation to a target of daily pounds per capita disposal based on each jurisdiction's average waste generation from 2003 through 2006. In Table 7 the data are displayed in 5 year increments displaying years 2000, 2005, 2010, and 2015. The years 2000 and 2005 are displayed as diversion percentages, and 2010 and 2015 are displayed as the per capita disposal rate. The population target was used, rather than the employment target for this analysis.

In 2000, 11 of the 19 jurisdictions were below the 50% diversion target. By 2005, only four jurisdictions were below the 50% diversion target. By 2010, all 19 jurisdictions reached and exceeded their individual pounds per person per day disposed (PPD) targets. Though some jurisdictions experienced higher disposal rates in 2015, all jurisdictions continued to reach or exceed their individual targets.

Figure 3⁸ shows the countywide disposal and per capita disposal from 1995 through 2015. As disposal decreased significantly from 2006 through 2010, so did countywide per capita disposal rates. As disposal slowly rose in 2013 through 2015, per capita disposal rates rose as well, though, still remain lower overall than pre-2000 per capita rates.

Although San Diego per capita rates are, on average, higher than the statewide disposal averages (Figure 4), San Diego and statewide trends are parallel in the rates of increases and decreases annually from 2007 through 2015.

Landfill Capacity and Disposal Projections (Figure 6 and 7)

The purpose of the Five-Year Review Report is to plan for 15 years of countywide landfill disposal capacity and to determine the feasibility of the region's planning documents. Figure 6 displays the overall disposal projections and landfill capacity for San Diego County from 2017 through 2059. Using estimated remaining capacities provided by landfill operators, the current physical space available in the region's landfills is the equivalent of nearly 120,000,000 tons with the last landfill closure date projected in 2059 (See Table 8)⁹. Figure 7 displays anticipated daily permitted capacities and disposal projections in even greater detail than Figure 6. While permitted capacity is available through 2059, waste disposal is only projected through the state-mandated 15 year period of 2032. Landfill capacity and disposal projections are explained in more detail below.

In the 2005 Siting Element revision and the 2011 and 2012 Five-Year Review Reports, the County of San Diego used regression analyses of past disposal data to project future disposal. To conform to more commonly used disposal projection methods in California, an average of the past 15 years' in-county disposal data (2000-2015) is used to project disposal for the next 15 years (2017-2032). Though in-county disposal may both increase and decrease over the next 15 years, a conservative projection is that disposal will remain near the average. The 15 year disposal average is 3,333,042 in-county tons annually. Exported waste, making up

⁷ Source: CalRecycle, Table page 23.

⁸ Source: CalRecycle, Figure page 24.

⁹ Source: City of San Diego LEA, County of San Diego LEA, and Republic Services, Table page 26.

approximately 4% of countywide disposal (Figure 5), was removed from the disposal average. Figure 7 shows the disposal projection (orange bars) through 2032.

Figure 7 provides a second disposal projection scenario, which anticipates organic materials being diverted from the landfills at a greater rate to meet the statewide organics legislation and goals (AB 32, AB 1826, AB 1594 and SB 1383). To calculate this scenario, a percentage of total organic material disposed in the landfill was determined. Using the City of San Diego's 2012-2013 Waste Characterization Study, it was assumed that 39% of the waste stream is potentially divertible organic material. This 39% was applied to the annual average disposal projection (3,333,042) mentioned above, and an annual organics disposal tonnage was determined. Using this figure, disposal reductions were then applied using anticipated organics reduction. Considering the current lack of regional organics processing infrastructure, a conservative percentage was applied which assumes the achievement of a 35% reduction in organics disposal by 2020 and a 75% reduction of organics disposal to meet the state goals by 2025. These reductions were deducted from the overall disposal projection to provide a possible disposal scenario if organics regulations result in increased diversion (green bars). Considering the additional organics diversion scenario, the projected disposal by 2032 would be 2,358,127 tons annually, nearly a million tons less than the average disposal projection.

Given these disposal projections, the County of San Diego has sufficient landfill capacity to accommodate disposal for the next 15 years.

The first component of examining landfill capacity is calculating the total San Diego landfill system capacity. Landfill capacity data were gathered from private industry and public landfills, military landfills, and the City of San Diego and County of San Diego Local Enforcement Agencies (Table 8)¹⁰. The 2010 voter approved East Otay Mesa Landfill is a "Proposed New Disposal Facility" per the 2011 Five-Year Review Report and is therefore not used in system capacity projections. Additionally, the permit for the Gregory Canyon landfill was rescinded in December 2016 and is not included in this analysis. Based on aerial surveys conducted between 2015 and 2016, the total San Diego landfill system capacity in 2017 is approximately 122,852,422 tons (or 155,201,505 cubic yards using landfill compaction rates). The total system capacity extends to 2059 as shown in Figure 7. To determine the remaining landfill system capacity, projected annual disposal was deducted from the total system capacity. With disposal deducted, the remaining landfill system capacity extends through 2052.

The second component of determining disposal capacity is the permitted daily capacities allowed by Local Enforcement Agencies. The maximum annual allowable permitted capacities for all San Diego County landfills is 6,933,400 tons in 2017 and 3,415,000 in 2032. This is indicated by the dark blue line on Figure 7. Landfill operators project that Otay and Miramar landfills will close in 2030. This results in the significant decrease shown in Figure 7, indicated by the drop in the dark blue line. Sycamore Landfill is anticipated to receive additional waste flows at that time. Current projections assume that Sycamore Landfill will apply for two landfill expansions. Sycamore Landfill has completed CEQA for a landfill expansion; however, there has been no application to the Local Enforcement Agency (LEA) to revise the Solid Waste Facility

¹⁰ Source: City of San Diego LEA, County of San Diego LEA, and Republic Services, Table page 26.

Permit. Presently, landfills are not maximizing their permitted daily waste capacity. For the purposes of projection, the first expansion at Sycamore Landfill is estimated to occur in 2020 and to increase permitted capacity to 6,700 tons per day. The second expansion is estimated to occur in 2029 and to increase permitted capacity to 9,000 tons per day.

Figure 7 illustrates that the County of San Diego has enough daily permitted disposal capacity for the next 15 years (2017 to 2032), thereby meeting the State requirement that the County maintain 15 years of disposal capacity. If the orange bars would meet the dark blue line in Figure 7, disposal would meet permitted capacity, and theoretically the region would be lacking sufficient local landfill capacity. These lines do not cross (see dotted insert in Figure 7). Additionally, it is important to note that recent State legislation and policy goals have the potential to decrease future landfill disposal volumes. The dark green bars in Figure 7 take these goals into consideration. With efforts to meet these aggressive goals and continued improvements in recycling, there is a significant potential for increased diversion, which would extend landfill capacity over an even longer term.

Given the above analysis, San Diego County continues to have more than 15 years of disposal capacity. Revision to the Countywide Siting Element of the CIWMP is not warranted at this time.

Table 5 - Solid Waste Generation Tonnage Comparison for San Diego County, 2000 to 2006 *

Solid Waste Generation			2000-2006	2000-2006
Jurisdiction	2000	2006	Difference	% Change
Carlsbad	264,304	307,568	43,264	16%
Chula Vista	228,243	440,359	212,116	93%
Coronado	91,864	118,604	26,740	29%
Del Mar	29,841	34,943	5,102	17%
El Cajon	219,618	276,813	57,195	26%
Encinitas	140,997	177,226	36,229	26%
Escondido	250,584	316,120	65,536	26%
Imperial Beach	34,392	42,536	8,144	24%
La Mesa	104,714	133,080	28,366	27%
Lemon Grove	35,976	44,689	8,713	24%
National City	129,395	162,638	33,243	26%
Oceanside	249,588	405,545	155,957	62%
Poway	160,494	181,642	21,148	13%
San Diego	3,299,472	4,211,231	911,759	28%
San Marcos	156,773	239,316	82,543	53%
Santee	89,468	134,590	45,122	50%
Solana Beach	35,484	45,997	10,513	30%
Unincorporated County	819,238	1,195,560	376,322	46%
Vista	216,395	244,889	28,494	13%
County Total	6,556,840	8,713,346	2,156,506	33%

Sources: 2006 Figures: CalRecycle

<http://www.calrecycle.ca.gov/LGCentral/Tools/mars/DrmcMain.asp>

* Since the inception of AB 1016 and the switch from using diversion percentages to pounds per person per day (PPD) to determine compliance with AB 939, the State no longer provided waste generation statistics. Therefore, no San Diego County generation tons are provided beyond 2006.

Table 6 - Solid Waste Disposal Tonnage for San Diego County Jurisdictions, 2000-2015

Jurisdiction	2000	2005	2010	2015	2000-2010		2010-2015		2000-2015	
	Tons	Tons	Tons	Tons	Difference	% Change	Difference	% Change	Difference	% Change
Carlsbad	109,479	136,345	107,918	147,807	-1,561	-1%	39,889	37%	38,328	35%
Chula Vista	150,767	217,862	159,623	173,123	8,856	6%	13,500	8%	22,356	15%
Coronado	40,859	52,330	49,998	49,359	9,139	22%	-639	-1%	8,500	21%
Del Mar	14,604	16,555	9,193	11,186	-5,411	-37%	1,993	22%	-3,418	-23%
El Cajon	97,988	130,095	93,988	90,510	-4,000	-4%	-3,478	-4%	-7,478	-8%
Encinitas	70,647	81,870	65,820	64,762	-4,827	-7%	-1,058	-2%	-5,885	-8%
Escondido	133,576	158,845	147,166	150,679	13,590	10%	3,513	2%	17,103	13%
Imperial Beach	17,952	19,589	19,402	16,517	1,450	8%	-2,885	-15%	-1,435	-8%
La Mesa	63,941	66,478	42,718	50,979	-21,223	-33%	8,261	19%	-12,962	-20%
Lemon Grove	22,733	24,230	20,162	19,197	-2,571	-11%	-965	-5%	-3,536	-16%
National City	61,124	75,887	52,239	53,703	-8,885	-15%	1,464	3%	-7,421	-12%
Oceanside	135,459	167,718	125,357	128,885	-10,102	-7%	3,528	3%	-6,574	-5%
Poway	56,414	67,445	50,937	48,963	-5,477	-10%	-1,974	-4%	-7,451	-13%
San Diego	1,723,500	1,992,280	1,296,725	1,583,657	-426,775	-25%	286,932	22%	-139,843	-8%
San Marcos	84,067	110,782	82,391	80,466	-1,676	-2%	-1,925	-2%	-3,601	-4%
Santee	60,285	60,825	49,617	46,975	-10,668	-18%	-2,642	-5%	-13,310	-22%
Solana Beach	19,238	19,869	14,033	14,007	-5,205	-27%	-26	0%	-5,231	-27%
Unincorporated San Diego County	461,373	642,720	508,293	474,750	46,920	10%	-33,543	-7%	13,377	3%
Vista	110,041	137,469	91,904	92,993	-18,137	-16%	1,089	1%	-17,048	-15%
County Total	3,434,047	4,179,194	2,987,484	3,298,518	-446,563	-13%	311,034	10%	-135,529	-4%

Source:

CalRecycle, " Disposal Reporting System (DRS): Jurisdiction Disposal and Alternative Daily Cover (ADC) Tons by Facility"
<http://www.calrecycle.ca.gov/LGCentral/Reports/DRS/Destination/JurDspFa.aspx>

Table 7 - Solid Waste Diversion and Per Capita Disposal Rates for San Diego County Jurisdictions, 2000-2015

Jurisdictions	2000	2005	2010	2015	50% per capita disposal target*
Carlsbad	59%	55%	5.6	7.3	8.4
Chula Vista	34%	48%	3.6	3.7	5.3
Coronado	56%	55%	11.9	11.5	12.0
Del Mar	51%	52%	12.1	14.5	20.3
El Cajon	55%	55%	5.2	4.9	7.4
Encinitas	50%	54%	6	5.8	7.5
Escondido	47%	49%	5.6	5.6	5.9
Imperial Beach	50%	54%	3.1	3.4	4.0
La Mesa	43%	50%	4.1	4.7	6.2
Lemon Grove	39%	47%	4.4	4	4.7
National City	53%	53%	4.9	4.9	6.9
Oceanside	46%	58%	4.1	4.1	6.3
Poway	65%	63%	5.8	5.5	8.6
San Diego	48%	52%	5.5	6.3	8.4
San Marcos	47%	53%	5.4	4.9	8.9
Santee	33%	54%	5.1	4.6	6.5
Solana Beach	46%	56%	6	5.9	8.9
Unincorporated County	44%	50%	5.8	5.2	6.8
Vista	49%	41%	5.4	5.3	6.5

Source:

2000 and 2005 figures: <http://www.calrecycle.ca.gov/LGCentral/Tools/MARS/JurDrSta.asp>.

2010 and 2014 figures: CalRecycle, "Countywide, Regionwide, and Statewide Jurisdiction Diversion/DisposalProgress Report" (<http://www.calrecycle.ca.gov/LGCentral/Reports/Jurisdiction/DiversionDisposal.aspx>)

****50 percent per capita disposal target** is the amount of disposal that is approximately equivalent to the current 50 percent diversion requirement. To meet the 50 percent goal, jurisdictions must dispose of not more than their 50 percent per capita disposal target.

For most jurisdictions, the 50 percent per capita disposal target will be based on the average of 50 percent of generation in 2003 through 2006 expressed in terms of per capita disposal.

Source: CalRecycle

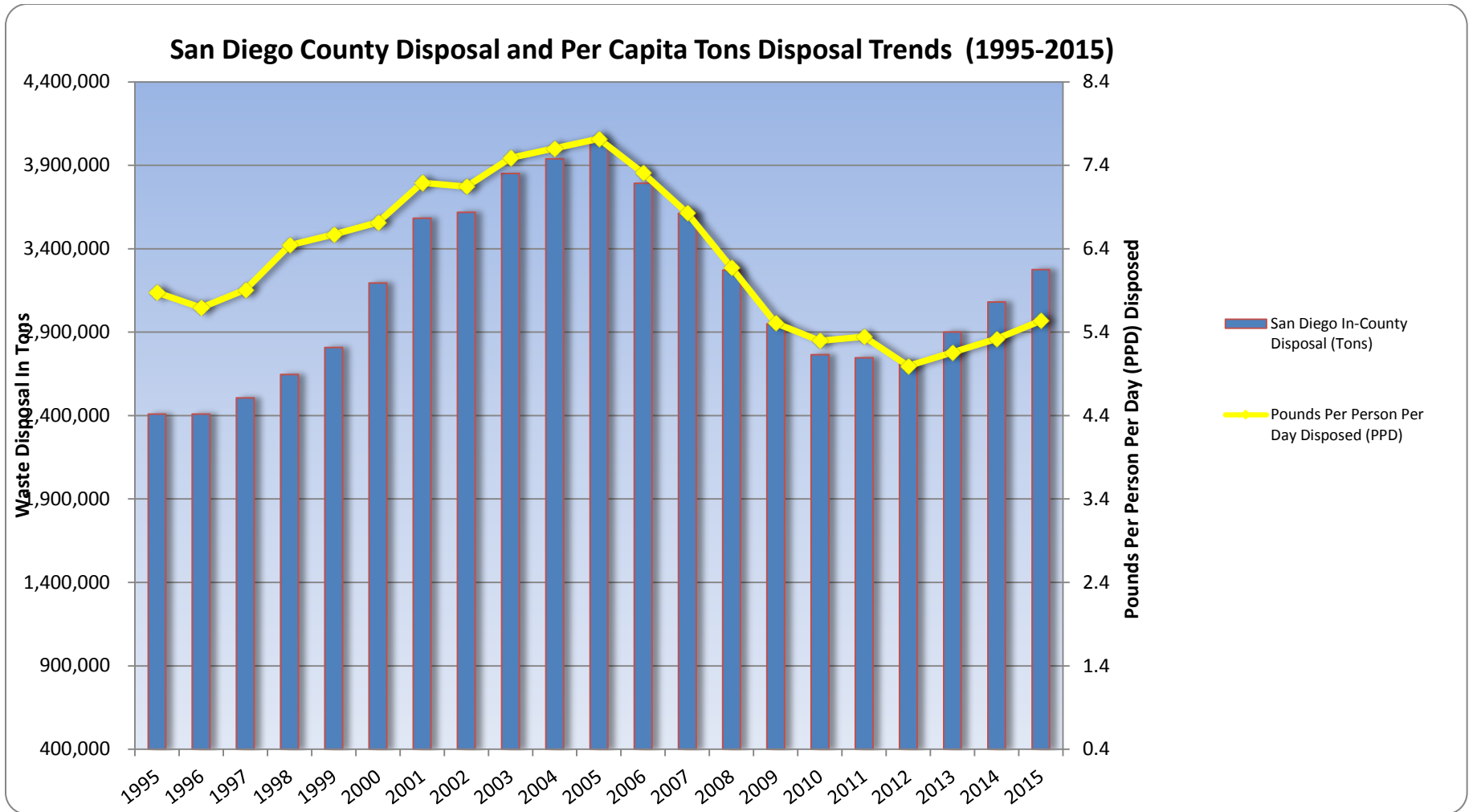


Figure 3 - San Diego County Disposal and Per Capita Tons Disposal Trends (1995-2015)

Source: CalRecycle: <http://www.calrecycle.ca.gov/LGCentral/GoalMeasure/DisposalRate/default.htm>

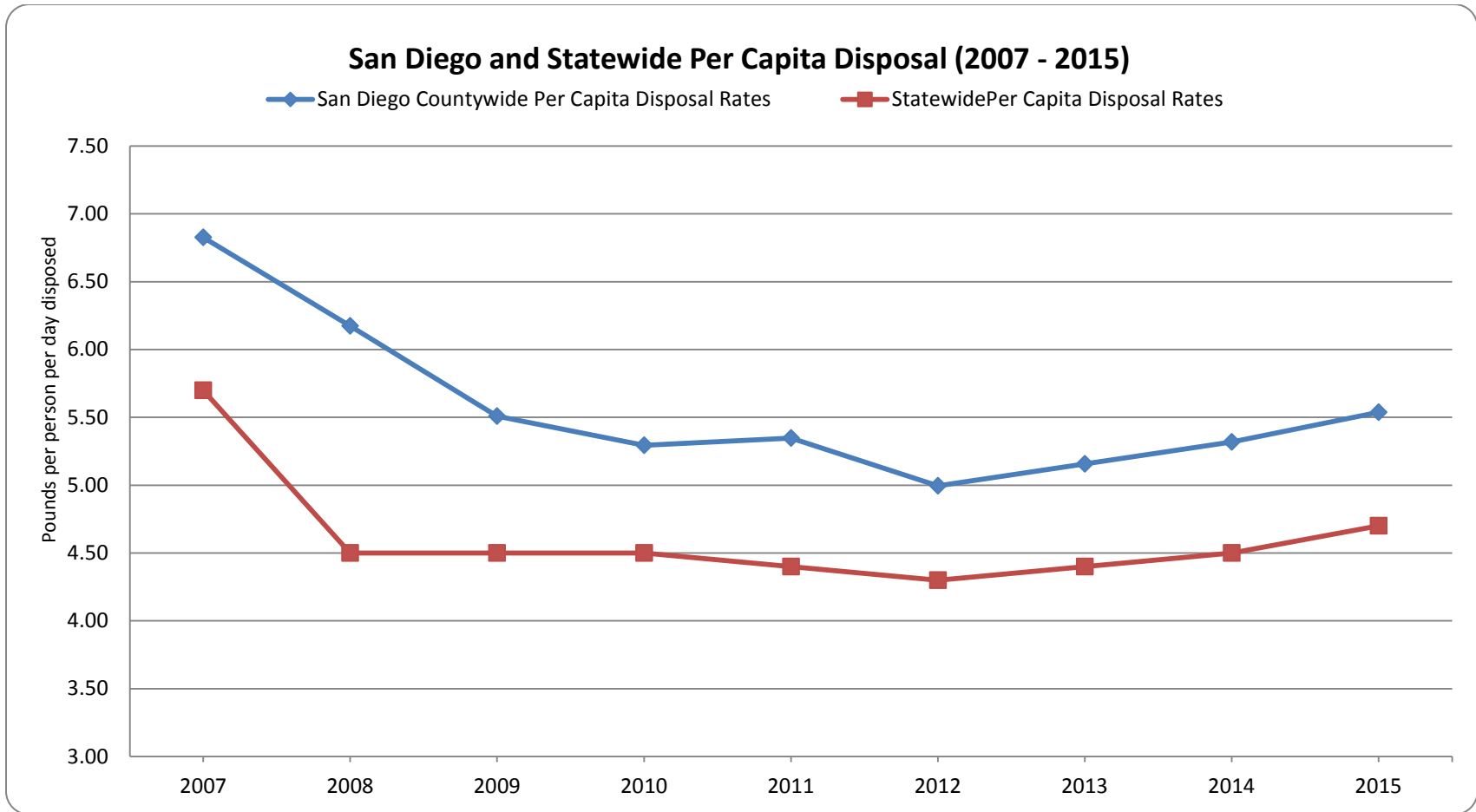


Figure 4 - San Diego and Statewide Per Capita Disposal (2007 – 2015)

Source: CalRecycle: <http://www.calrecycle.ca.gov/LGCentral/GoalMeasure/DisposalRate/default.htm>

Table 8 - San Diego County Landfill Information and Estimated Capacity

Landfill	Owner	Operator	Current Remaining Capacity (cubic yards)	Current Remaining Capacity (tons)	Estimated Closure Date	Date Of Aerial Survey	Source
Miramar	US Department of Navy	City of San Diego	13,327,508	9,462,531	2030	March 31, 2016	City of San Diego LEA
Otay	Republic Services	Republic Services	21,194,008	21,405,948	2030	May 2016	County of San Diego LEA/Republic Services
Borrego	Republic Services	Republic Services	111,504	55,752	2046	May 2016	County of San Diego LEA/Republic Services
Las Pulgas	US Marine Corps	US Marine Corps	9,503,985	5,702,391	2059	August 31, 2016	County of San Diego LEA
San Onofre	US Marine Corps	US Marine Corps	1,064,500	425,800	2045	March 2010	County of San Diego LEA
Sycamore	Republic Services	Republic Services	110,000,000	85,800,000	2054	May 2016	Republic Services/City of San Diego LEA
Total Remaining			155,201,505	122,852,422			

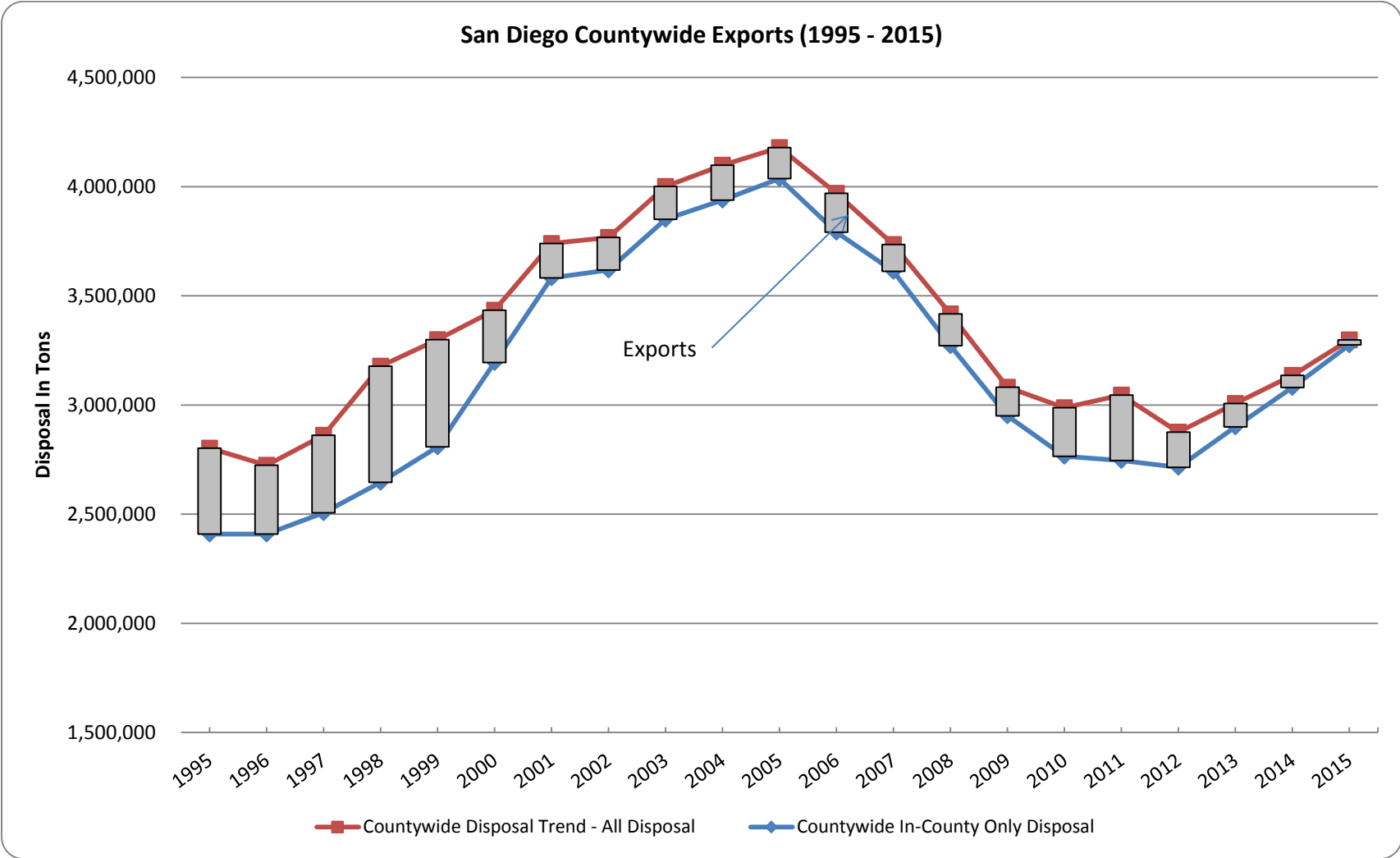


Figure 5 - San Diego Countywide Exports (1995-2015)

San Diego County Landfill Capacity Projections

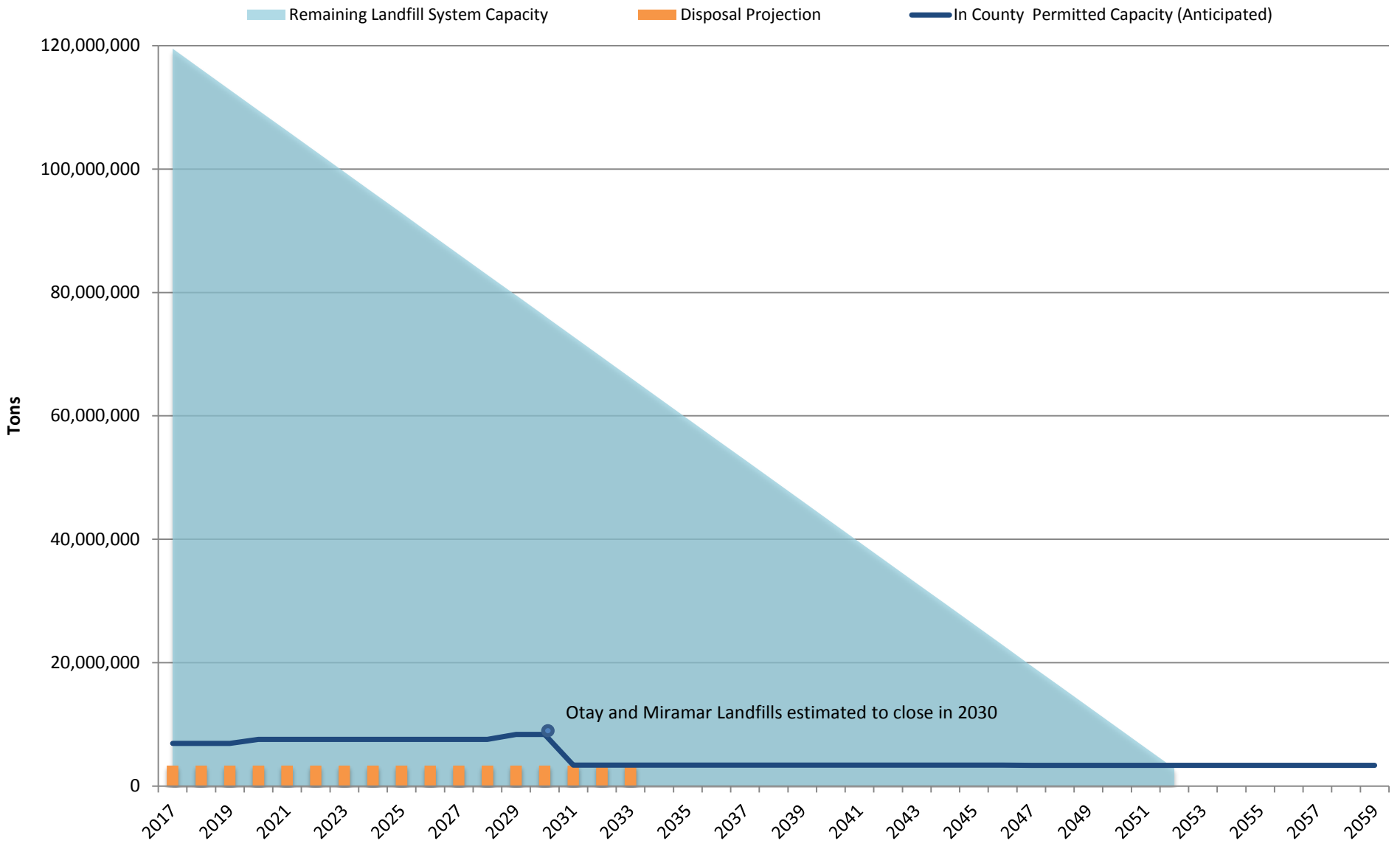


Figure 6 - San Diego County Landfill Capacity Projections

San Diego County Landfill Capacity Projections (Detailed)

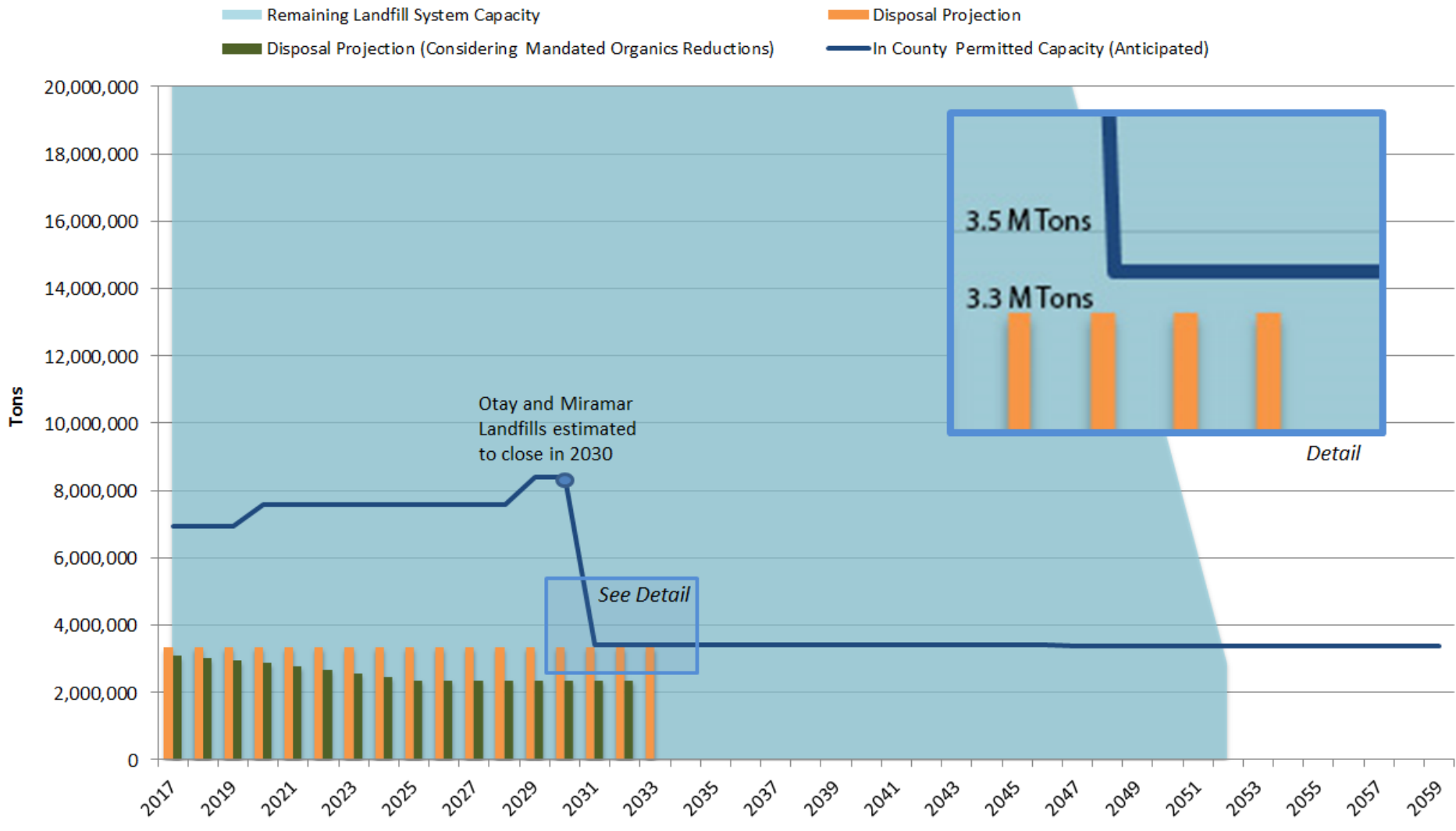


Figure 7 - San Diego County Landfill Capacity Projections (Detailed)

5.3 Changes in Funding Source for Administration of the Siting Element (SE) and Summary Plan (SP)

Since the approval of the last Five-Year CIWMP Review Report in June 2012, the county experienced the following significant changes in funding for the SE or SP:

Analysis

- There have been no significant changes in funding for administration of the SE and SP or the changes that have occurred do not warrant a revision to any of the countywide planning documents.

5.4 Changes in Administrative Responsibilities

The county experienced significant changes in the following administrative responsibilities since the approval of the last Five-Year CIWMP Review Report in June 2012

1. Analysis

- There have been no significant changes in administrative responsibilities or the changes in administrative responsibilities do not warrant a revision to any of the planning documents.

5.5 Programs that were Scheduled to be Implemented but were not

This section addresses programs that were scheduled to be implemented but were not, a statement as to why they were not implemented, the progress of programs that were implemented, a statement as to whether programs are meeting their goals, and if not what contingency measures are being enacted to ensure compliance with Public Resources Code section 41751.

Progress of program implementation:

- Source Reduction and Recycling Element (SRRE) and Household Hazardous Waste Element (HHWE) - All program implementation information has been updated in the CalRecycle Electronic Annual Reports (EAR).
- Non-Disposal Facility Element (NDFE) - All jurisdictions are in compliance. The NDFE for the unincorporated areas of the County of San Diego was last updated in September 2013, and will be updated as facilities are permitted.
- Countywide Siting Element (SE) - There have not been any significant changes since the 2013 CIWMP update.
- Summary Plan – There have been no significant information changes that would warrant amendment of the countywide Summary Plan.

Statement regarding whether Programs are Meeting their Goals

- The programs are meeting their goals.

5.6 Changes in Available Markets for Recyclable Materials

In February 2017, a survey of San Diego recycling markets was distributed to local recycling companies. Overall, recycling markets for the region have improved and market status does not warrant a revision of the planning documents. Responses of the recyclers' survey were as follows:

- The most limiting factor to recycling markets is the long term demand and quality concerns.
- Overseas markets continue to be fairly stable. Some companies reported challenges as China is increasing its standards to ensure that material received is high quality with little contamination.
- Local recycling companies responded that markets were "Average" when asked to rate the recycling markets as either "Excellent," "Good," "Average," "Fair," or "Poor."

5.7 Changes in the Implementation Schedule

No change to the implementation schedule is warranted at this time.

6 ANNUAL REPORT REVIEW

Annual Reports for each jurisdiction in the county have been reviewed, specifically those sections that address the adequacy of the CIWMP or RAIWMP elements. No jurisdictions reported the need to revise one or more of these planning documents. See **APPENDIX A** for letters from jurisdictions confirming this statement.

7 APPENDICES A AND B.

Appendix A:

Letters from San Diego County jurisdictions confirming annual report accuracy and updated status.

No.	Jurisdiction	Letter or Email Received
1	City of Carlsbad	✓
2	City of Chula Vista	✓
3	City of Coronado	No response
4	City of Del Mar	✓
5	City of El Cajon	✓
6	City of Encinitas	✓
7	City of Escondido	No response
8	City of Imperial Beach	✓
9	City of La Mesa	✓
10	City of Lemon Grove	✓
11	City of National City	✓
12	City of Oceanside	✓
13	City of Poway	✓
14	City of San Diego	✓
15	City of San Marcos	✓
16	City of Santee	✓
17	City of Solana Beach	✓
18	City of Vista	✓
19	County of San Diego	Author of document. All elements are up to date.



January 25, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Carlsbad has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Authorized Signature

Title

Date

A handwritten signature in black ink that reads 'Anita Jones'.

Management Analyst

January 26, 2017

Public Works Department

Environmental Management Division | 1635 Faraday Av | Carlsbad, CA 92008

760-602-2799 Storm Water Hotline | 760-602-8562 fax | stormwater@carlsbadca.gov



ECONOMIC DEVELOPMENT DEPARTMENT

January 25, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Chula Vista has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Authorized Signature

Title

Date

Lynn Inance

Manager

1-25-17

Printed on Recycled Paper, Naturally!



City of Del Mar



May 1, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Del Mar has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Authorized Signature

Title

Date

Hyunjin M. Crane

Assistant City Manager

May 1, 2017



Public Works

March 1, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of El Cajon has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Sincerely,

Dennis Davies
Deputy Director of Public Works



*City of
Encinitas*

March 6, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Encinitas has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Respectfully,

Bill Wilson
Management Analyst III
Public Works Department



City of Imperial Beach, California

PUBLIC WORKS DEPARTMENT

825 Imperial Beach Blvd., Imperial Beach, CA 91932 Tel: (619) 423-8311 Fax: (619) 429-4861

January 26th, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Imperial Beach has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Respectfully,

Wbaldo Arellano
Environmental Program Specialist
Public Works Department



January 25, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave., Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of La Mesa has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the annual electronic reports to CalRecycle.

Sincerely,

Erin Bullers
Senior Management Analyst



CITY OF LEMON GROVE

"Best Climate On Earth"

Office of the City Manager

March 1, 2017

Stephanie Éwalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Lemon Grove has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.



Lydia Romero
City Manager

March 1, 2017
Date





March 23, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of National City has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Kuna Muthusamy, P.E.
Asst. Director of Engineering & Public Works
March 23, 2017





CITY OF OCEANSIDE
WATER UTILITIES DEPARTMENT

3/1/17

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Oceanside has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Authorized Signature

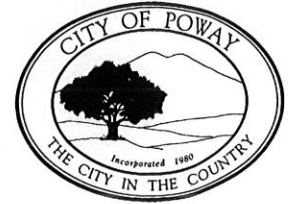
Title

Date

Solid Waste and Recycling Senior Management Analyst

3/1/17

CITY OF POWAY



STEVE VAUS, Mayor
BARRY LEONARD, Deputy Mayor
JIM CUNNINGHAM, Councilmember
DAVE GROSCH, Councilmember
JOHN MULLIN, Councilmember

April 14, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

Pursuant to Public Resources Code Section 41822, "each city, county, or regional agency shall review its source reduction and recycling element or the countywide integrated waste management plan at least once every five years to correct any deficiencies in the element or plan, to comply with the source reduction and recycling requirements established under Section 41780, and to revise the documents, as necessary."

The City of Poway has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Thank you for coordinating the update to the Countywide Integrated Waste Management Plan. If you have any questions, or require additional information, please contact Pam Gravel, Sr. Management Analyst at 858 668-4702.

Sincerely,

Michael Obermiller

Director of Public Works

Dated: 4/14/17

cc: Pam Gravel, Sr. Management Analyst

Environmental Services Department

March 14, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling (MS 0336)
5021 Ruffin Road, Suite D
San Diego, CA 92123

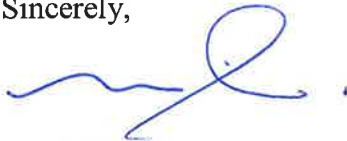
Reference: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

As required by the County of San Diego, the City of San Diego has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

If you have any questions, please contact Julie Sands at (858) 627-3303 or jsands@sandiego.gov.

Sincerely,



Mario X. Sierra,
Director

MS/js

cc: Darren Greenhalgh, Assistant Director, Environmental Services Department
Angela Colton, Deputy Director, Environmental Services Department
Julie Sands, Environmental Specialist III, Environmental Services Department



January 5, 2017

Stephanie Ewalt
Recycling Specialist II
Solid Waste Planning and Recycling
County of San Diego
5510 Overland Ave, Suite 210
San Diego, CA 92123

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of San Marcos has reviewed its Integrated Waste Management Plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All components are adequate and all updates are provided in the Electronic Annual Report to CalRecycle.

Sincerely,



Jack Griffin
City Manager



CITY OF SANTEE

MAYOR
John W. Minto

CITY COUNCIL
Ronn Hall
Stephen Houlahan
Rob McNelis
Vacant

March 6, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Santee has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Should you have questions, please contact Edward Ruiz, Senior Management Analyst, at 619-258-4100 Ext. 128.

Marlene Best
City Manager

C: Bill Maertz, Director of Community Services
Edward Ruiz, Senior Management Analyst



CITY OF SOLANA BEACH

635 SOUTH HIGHWAY 101 • SOLANA BEACH, CALIFORNIA 92075-2215 • (858) 720-2400
www.cityofsolanabeach.org FAX (858) 792-6513 / (858) 755-1782

March 1, 2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Solana Beach has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

Authorized Signature

Title

Date

City Manager

3-2-17



1/9/2017

Stephanie Ewalt
Recycling Specialist II
County of San Diego
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of Vista has reviewed its integrated waste management plan, which includes the Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), and Non-Disposal Facility Element (NDFE). All Components are adequate and all updates are provided in the electronic Annual Reports to CalRecycle.

A handwritten signature in blue ink, appearing to read "Joshua Sino Cruz". The signature is stylized with a large loop at the bottom and a long horizontal stroke extending to the right.

Joshua Sino Cruz
Management Analyst

APPENDIX B

LOCAL TASK FORCE ADVISORY COMMITTEES

MEETING AGENDAS

**INTEGRATED WASTE
MANAGEMENT
TECHNICAL ADVISORY
COMMITTEE**

5510 Overland Ave
San Diego, CA 92123
Tel: (858) 694-2468

MEETING NOTICE AND AGENDA

INTEGRATED WASTE MANAGEMENT TECHNICAL ADVISORY COMMITTEE

The Integrated Waste Management Technical Advisory Committee may take action on any item appearing on the agenda contained herein.

MEMBER JURISDICTIONS

Carlsbad
Chula Vista
Coronado
Del Mar
El Cajon
Encinitas
Escondido
Imperial Beach
La Mesa
Lemon Grove
National City
Oceanside
Poway
San Diego
San Marcos
Santee
Solana Beach
Vista
County of San Diego

Thursday, July 6, 2017

1:00 p.m. – 3:00 p.m.

Conference Room 271 (Located on the 2nd floor)
County of San Diego
Department of Public Works
5510 Overland Avenue
San Diego, CA 92123

Chair: County of San Diego

Staff Contact: Eric Wolff
County of San Diego
(858) 694-2468
Eric.Wolff@sdcounty.ca.gov

**INTEGRATED WASTE MANAGEMENT
TECHNICAL ADVISORY COMMITTEE**

Thursday, July 6, 2017 – Agenda

1. **QUORUM** (at least 10 jurisdiction representatives must be present)
2. **WELCOME AND INTRODUCTIONS**
3. **APPROVAL OF THE JUNE 8, 2017 MEETING SUMMARY** **APPROVE**
4. **PUBLIC COMMENTS AND COMMUNICATIONS** **COMMENT**

Guests who wish to speak on a matter that does not appear on the agenda may do so during the Public Comments and Communications period.
5. **CHAIRPERSON’S REPORT** **INFORMATION**
6. **PRESENTATIONS**
 - Stephanie Ewalt:** Will present an informational item on the Five Year Review Report of the Countywide Integrated Waste Management Plan (CIWMP). **INFORMATION**
7. **CRRA Annual Conference and CRRA** **INFORMATION**

Collen Foster will provide information on upcoming CRRA conference.
8. **SWANA Zero Waste Certification.** **INFORMATION**

Collen Foster will provide information on SWANA certification.
9. **SUBCOMMITTEES’ REPORT** **INFORMATION**
 - a. **Household Hazardous Waste**
 - b. **Organics**
10. **LEGISLATION** **INFORMATION**

Eric Wolff: Will review pending legislation that may be of interest to TAC members.
11. **ROUNDTABLE** **DISCUSSION**

TAC Members may present items of interest to the Committee regarding topics not covered in the agenda
12. **ADJOURNMENT AND UPCOMING MEETINGS** **APPROVE**

COUNTYWIDE INTEGRATED WASTE MANAGEMENT
CITIZENS ADVISORY COMMITTEE/ CRRRA San Diego Chapter and Zero Waste San Diego
Public Meeting

MEETING NOTICE AND AGENDA

WHEN: Thursday, July 13, 2017 from 12:00 – 2:00 pm.

WHERE The meeting room will be 5510 Overland –4th Floor Large Conf Rm

Contact for directions: Jennifer Winfrey 858-694-2463

Agenda

1. Welcome and Introductions
2. Approval, Minutes June 2017
3. Chairs Report
 - CRRRA Conference
 - Scandinavian tour
 - Fix it clinics
4. Staff Reports
 - Cities
 - Update on Zero Waste Planning
 - County
 - Zero Waste High Diversion plan
 - CWIMP 5 year review report
 - Haulers
 - Non Profits
 - City Charter
5. Public Comments and Communication
6. Regional Planning Issues
 - State and Regional Organic policy and issues
 - State Rule making work shops
7. Legislative Update
 - Current Bills
 - AB 319 Stone (leash the lid)
8. Roundtable
9. Adjournment