



September 28, 2022

Mr. Richard Whipple
Deputy Director
San Diego County Department of Public Works
5510 Overland Ave., Ste 210
San Diego, CA 92123

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

This letter is notification that on September 20, 2022, the County of San Diego's request for approval was approved. Please see CalRecycle Public Notices page at <https://www2.calrecycle.ca.gov/PublicNotices/Details/4835> 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 Roberta Goldenpenny of the Local Assistance and Market Development Division at (916) 341-6451.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jill Larner", written in dark ink.

Jill Larner, Supervisor

Section 2, Local Assistance and Market Development Division

Cc: Roberta Goldenpenny, Environmental Scientist

REQUEST FOR APPROVAL

To: Zoe Heller, Deputy Director
Materials Management and Local Assistance Division

From: Cara Morgan, Branch Chief
Local Assistance and Market Development Branch

Request Date: August 31, 2022

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

Action By: September 20, 2022

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 submitted a Five-Year Review Report of its Countywide Integrated Waste Management Plan (CIWMP) concluding 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 finding that a revision is not necessary.

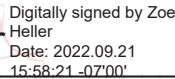
Recommendation:

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

Deputy Director Action:

Based on 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:

 Digitally signed by Zoe Heller
Date: 2022.09.21 15:58:21 -07'00'

Zoe Heller, Deputy Director
Materials Management and Local Assistance Division

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

Nora Vargas, District 1
Joel Anderson, District 2
Terra Lawson-Remer, District 3
Nathan Fletcher, District 4
Jim Desmond, District 5

Chief Administrative Officer

Helen N. Robbins-Meyer

Deputy Chief Administrative Officer

Sarah E. Aghassi
Land Use and Environment Group

Department of Public Works

Jeff Moneda, Director

Prepared by:



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

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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  Whipple, Richard		Title Deputy Director, Department of Public Works	
Type/Print Name of Person Signing Richard L. Whipple, III	Date	Phone 858-694-2125	
Person Completing This Form (please print or type) Ellyn Law	Title Recycling Specialist II	Phone (619) 936-3651	
Mailing Address 5510 Overland Ave, Suite 210	City San Diego	State CA	Zip 92123
E-mail Address Ellyn.Law@sdcounty.ca.gov			

3.2 Background

This is the County of San Diego's fifth Five-Year Review Report since the approval of the Countywide Integrated Waste Management Plan (CIWMP) on June 25, 1997. The CIWMP addresses waste management conditions within the county. It also provides an overview of the actions that will be taken to achieve the 50 percent equivalent per capita disposal target and to maintain a minimum of 15 years of landfill disposal capacity. Statute requires that the elements comprising the waste management plan be reviewed every five years after the original plan's approval date, and be revised, if necessary.

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

In April 2017, the County of San Diego Board of Supervisors voted to implement the Strategic Plan to Reduce Waste, which set a goal of reaching 75% waste diversion by 2025 for the unincorporated areas of the county. This goal was later extended to 80% waste diversion by 2030 in the 2018 Climate Action Plan. In addition, all nineteen jurisdictions in San Diego County have either adopted waste diversion goals, greenhouse gas emission reductions targets, added requirements from California's Short-Lived Climate Pollutant Law (also known as SB 1383) to their ordinances and/or adopted climate action plans. Those jurisdictions are:

- 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
- Unincorporated San Diego

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):

The Five-Year Review Report was sent to the Local Task Force, San Diego Association of Governments (SANDAG), on May 5, 2022 and was provided an open comment period through May 20, 2022. County of San Diego staff presented the Report to the Integrated Waste Management Technical Advisory Committee (TAC) on April 7, 2022 and to the Integrated Waste Management Citizen's Advisory Committee (CAC) on April 14, 2022. Both were provided an open comment period through April 29. See Appendix B for TAC and CAC meeting agendas.

- 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. A copy of each jurisdiction's letter of planning document accuracy is provided 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

Population has continued to grow steadily since the previous 2017 Five-Year Review Report of the CIWMP. From 2000 to 2010, San Diego County experienced a high population growth rate of 10%. From 2010 to 2015, there was an additional 4% growth and an additional 4% from 2015 to 2020 (Table 1)¹. Population growth percentages vary by jurisdiction. Between 2015 and 2020, 12 of the 19 jurisdictions experienced growth rate increases between 0% and 4% and 6 jurisdictions experienced growth rate increases between 5% and 7%. Coronado was the exception to the countywide growth trend which experienced a decrease of 9%.

The region also maintained similar levels of the countywide labor force (Table 2)² since the previous 2017 Five-Year Review Report. From 2000 to 2005, the labor force grew by 8% which was followed by two periods of 2% increases from 2005 to 2010 and 2010 to 2015 and a decrease of 1% from 2015 to 2020. However, the year-over-year change in the labor force has been relatively steady since 2010, with labor force growth at 0-1% from 2011 to 2019 and a decrease of 3% in 2020. This is less robust than annual labor force levels between 2000 and 2009 which was between 1% and 3% each year.

San Diego Consumer Price Index (CPI) grew from an annual average of 269.44 in 2015 to an annual average of 303.93 in 2020 for an 13% growth rate during that time frame (Table 3)³. San

¹ Source: SANDAG Census Data (2000, 2010), SANDAG Estimates Data (2015, 2020), Table page 11.

² Source: California Employment Development Department, Unemployment Rates and Labor Force, Table page 12.

³ Source: US Bureau of Labor Statistics, Table page 13.

Diego taxable sales also increased by 7%, from \$54,717,543,222 to \$58,814,527,896, between 2015 to 2020 (Table 4)⁴. However, the year- to-year annual increase has been slowing since 2012.

Past population, employment, and taxable sales trends for San Diego County are pictured 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, and disposal and taxable sales fluctuated to a greater extent. While taxable sales have been an upward trajectory since 2010, the annual rate increase has been slowing since 2012 which culminated in the first annual rate decrease of 4% from 2019 to 2020 since the 2008 to 2009 period. Meanwhile, disposal decreased and flattened out for a longer period than taxable sales, before trending moderately upward in 2013.

In-county disposal levels remained relatively stable from 2016 to 2020, ranging between 3.1 and 3.3 million tons per year, much lower than the peak level in 2005 when disposal reached over 4 million tons (Figure 2). With more stringent waste reduction legislation put forth by the State of California, the state and jurisdictions aim to decrease waste disposal by implementing more expansive recycling programs and increasing processing infrastructure. Recent and future state mandates are anticipated to result in continued reduction in landfill disposal and the development of new recycling processing facilities. Key legislation predicted to decrease 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 and identify 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 landfill diversion goal and redefined what constituted diversion. 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) – Recycling credit for green material used as alternative daily landfill cover (ADC) was phased out as of 2020. To continue receiving recycling credit, this material must be sent to a composting or other organics processing facility. The region used approximately 300,000 tons of green material as ADC annually from 2000 to 2016. This has drastically declined each year since 2016 and is presumed to continually decrease (Figure 3).

(5) AB 1826 (2014) – Phased-in commercial organics (food scraps and green waste) recycling requirements began in 2016.

(6) SB 1383 (2016) - Established methane emissions reduction targets in a statewide effort to reduce emissions of short-lived climate pollutants including to reduce the disposal of organic waste 75 percent below 2014 levels by 2025 and to recover 20 percent of edible food for human consumption that is currently landfilled by 2025. These mandates support the Short-

⁴ Source: California Department of Tax and Fee Administration, Taxable Sales by County Table page 14.

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 tonnages are anticipated across the region once the new regulations are implemented.

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 for recyclables and organic materials, and providing technical assistance for residents and businesses, all of which help meet State recycling 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 labor force 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 from landfill disposal.

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

Table 1 - Population of San Diego County Jurisdictions, 2000-2020

	2000	2010	2015	2020	2000-2010	2010-2015	2015-2020	2000-2020
Jurisdiction	Total Population	Total Population	Est. Population	Est. Population	% Change	% Change	% Change	% Change
Carlsbad	78,247	105,185	110,653	114,463	34%	5%	3%	46%
Chula Vista	173,556	243,916	257,989	272,202	41%	6%	6%	57%
Coronado	24,100	24,697	23,497	21,381	2%	-5%	-9%	-11%
Del Mar	4,389	4,161	4,238	4,268	-5%	2%	1%	-3%
El Cajon	94,869	99,478	101,444	104,393	5%	2%	3%	10%
Encinitas	58,014	59,518	61,518	62,183	3%	3%	1%	7%
Escondido	133,721	143,976	147,294	153,008	8%	2%	4%	14%
Imperial Beach	26,992	26,324	26,761	28,055	-2%	2%	5%	4%
La Mesa	54,749	57,065	58,813	59,966	4%	3%	2%	10%
Lemon Grove	24,918	25,320	26,199	26,526	2%	3%	1%	6%
National City	54,260	58,582	59,827	62,099	8%	2%	4%	14%
Oceanside	161,029	167,344	171,682	177,335	4%	3%	3%	10%
Poway	48,044	47,811	49,041	49,338	0%	3%	1%	3%
San Diego	1,223,400	1,301,617	1,368,061	1,430,483	6%	5%	5%	17%
San Marcos	54,977	83,772	90,827	97,209	52%	8%	7%	77%
Santee	52,975	53,413	55,805	57,999	1%	4%	4%	9%
Solana Beach	12,979	12,867	13,104	13,838	-1%	2%	6%	7%
Unincorporated County	442,757	486,550	504,330	505,675	10%	4%	0%	14%
Vista	89,857	93,717	96,413	102,928	4%	3%	7%	15%
Countywide	2,813,833	3,095,313	3,227,496	3,343,349	10%	4%	4%	19%

Source:

2000 and 2010 data: SANDAG compilation of U.S. Census Bureau data. 2015, 2020 data: SANDAG, Estimates by Jurisdiction (<http://datasurfer.sandag.org/>) 2005 Data not available at the time of this analysis.

Table 2 - San Diego County Labor Force, 2000-2020

Year	Labor Force	Annual Change
2020	1,538,400	-3%
2019	1,580,100	0%
2018	1,579,700	0%
2017	1,571,900	1%
2016	1,563,200	1%
2015	1,548,800	1%
2014	1,537,500	0%
2013	1,537,600	0%
2012	1,536,900	1%
2011	1,521,700	0%
2010	1,515,900	-3%
2009	1,561,200	1%
2008	1,546,600	2%
2007	1,517,500	1%
2006	1,498,500	1%
2005	1,490,100	1%
2004	1,478,100	1%
2003	1,457,200	1%
2002	1,442,300	3%
2001	1,405,900	2%
2000	1,375,200	N/A

Year	Labor Force	% Change
2020	1,538,400	-1%
2015	1,548,800	2%
2010	1,515,900	2%
2005	1,490,100	8%
2000	1,375,200	

Source: California Employment Development Department, Unemployment Rates and Labor Force, San Diego-Carlsbad MSA Labor Force Data (excel), Not Seasonally Adjusted (<https://www.labormarketinfo.edd.ca.gov/geography/sandiego-county.html>)

Table 3 - San Diego County Consumer Price Index, 2007-2020

San Diego Consumer Price Index (2007 -2020)		
Year	Annual Average	Percent of Change from Previous Year
2020	303.93	1.5%
2019	299.43	2.4%
2018	292.55	3.4%
2017	283.01	3.0%
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	

Source: US Bureau of Labor Statistics: San Diego-Carlsbad, CA; All Items; Not Seasonally Adjusted (<https://data.bls.gov/PDQWeb/cu>)

Table 4 - San Diego County Taxable Sales 2000-2020

Year	Taxable Sales (\$)	Annual Growth (\$)	Annual Change
2020	58,814,527,896	\$ (2,550,749,307)	-4%
2019	61,365,277,203	\$ 2,324,235,509	4%
2018	59,041,041,694	\$ 1,489,682,182	3%
2017	57,551,359,512	\$ 1,630,349,389	3%
2016	55,921,010,123	\$ 1,203,466,901	2%
2015	54,717,543,222	\$ 2,005,904,222	4%
2014	52,711,639,000	\$ 2,414,307,828	5%
2013	50,297,331,172	\$ 2,350,296,041	5%
2012	47,947,035,131	\$ 2,856,652,889	6%
2011	45,090,382,242	\$ 3,466,746,028	8%
2010	41,623,636,214	\$ 1,894,979,618	5%
2009	39,728,656,596	\$ (5,600,479,404)	-12%
2008	45,329,136,000	\$ (2,156,852,000)	-5%
2007	47,485,988,000	\$ (349,526,000)	-1%
2006	47,835,514,000	\$ 1,156,043,000	2%
2005	46,679,471,000	\$ 2,209,133,000	5%
2004	44,470,338,000	\$ 3,606,360,000	9%
2003	40,863,978,000	\$ 2,268,431,000	6%
2002	38,595,547,000	\$ 896,214,000	2%
2001	37,699,333,000	\$ 1,453,915,000	4%
2000	36,245,418,000	\$ 3,493,013,000	

Source: California Department of Tax and Fee Administration, Taxable Sales by County

(<https://www.cdtfa.ca.gov/DataPortal/dataset.htm?url=TaxSalesByCounty>)

San Diego Countywide Demographics in Relation to Waste Disposal

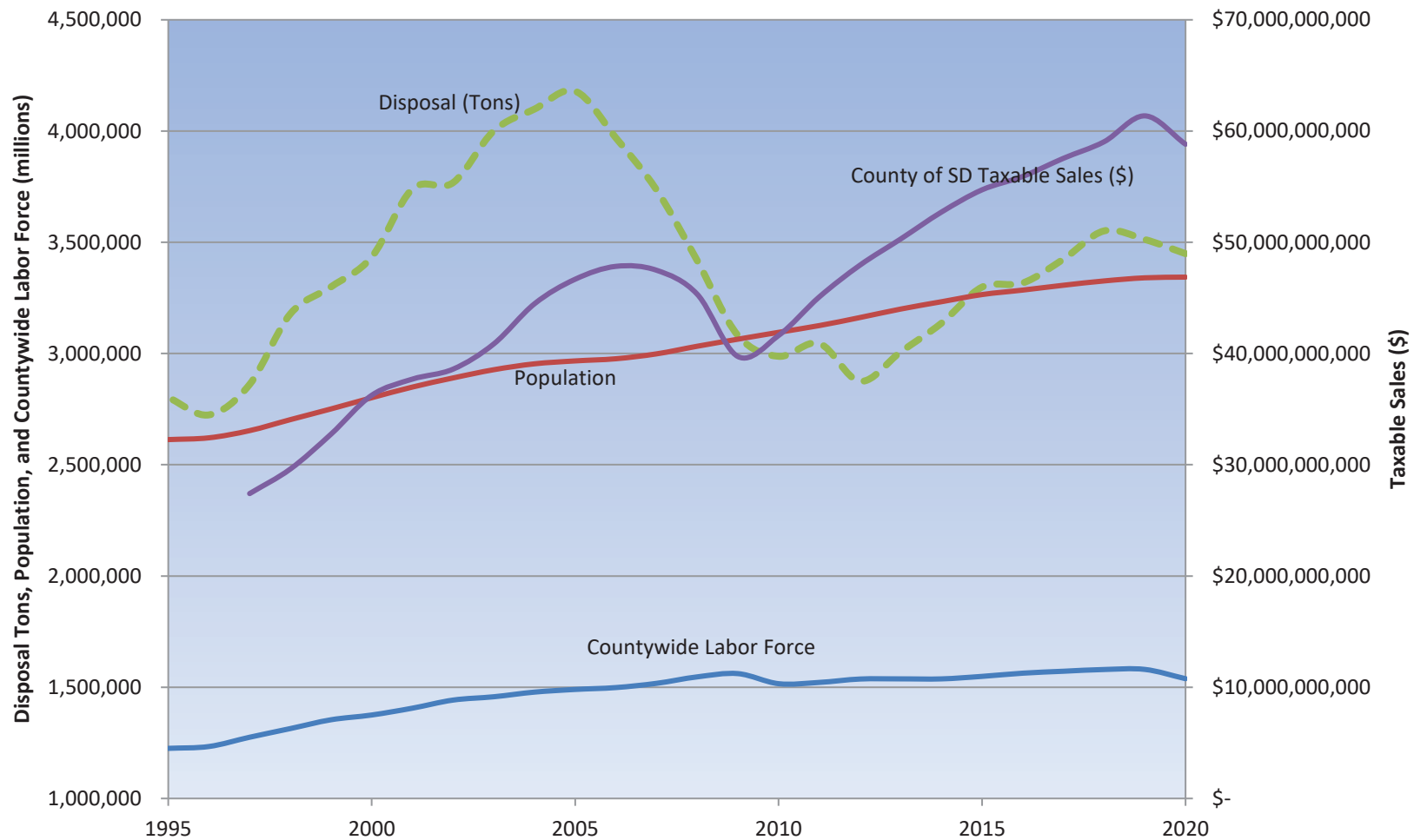


Figure 1 - San Diego Countywide Demographics in Relation to Waste Disposal

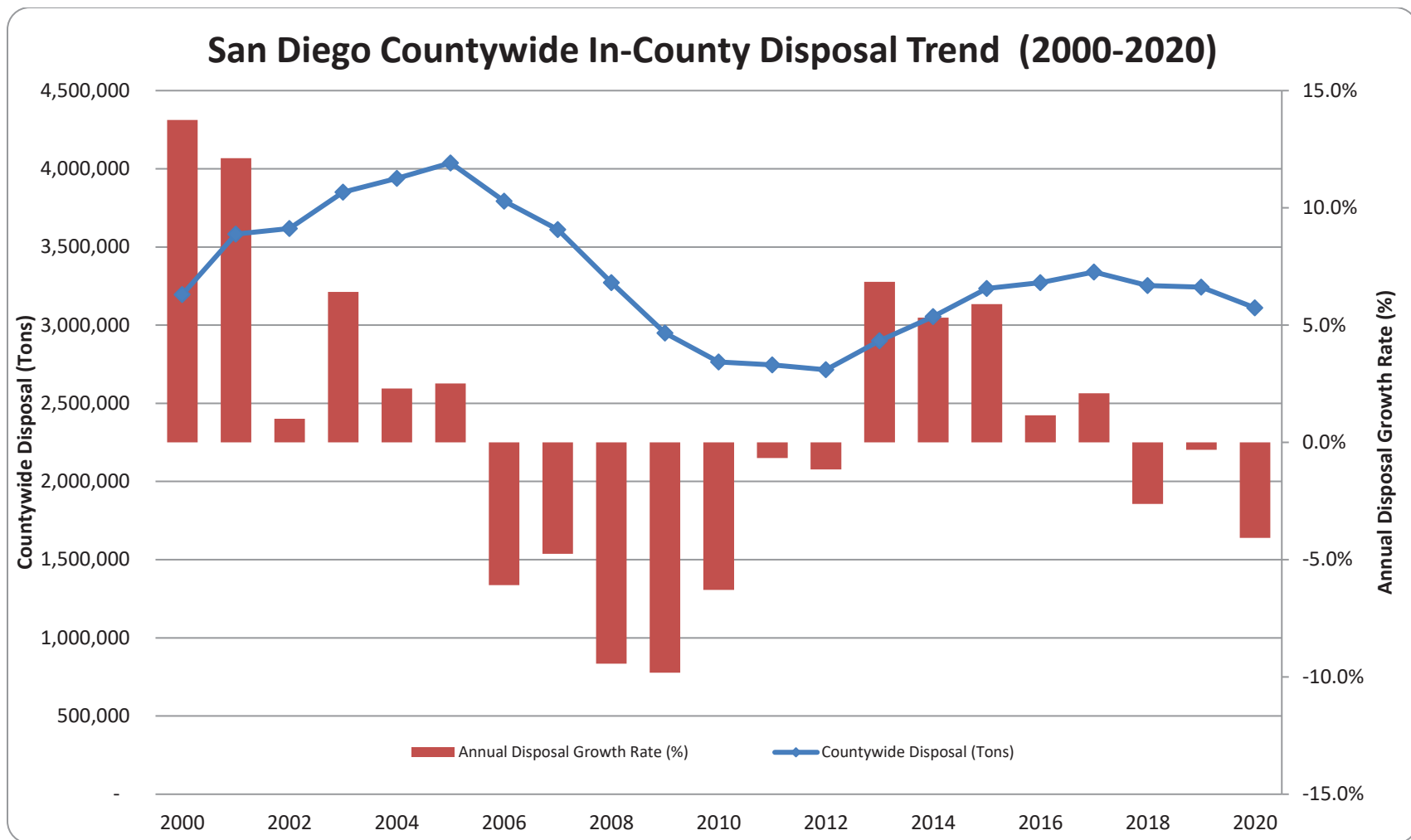


Figure 2 - San Diego Countywide In-County Disposal Trend

San Diego County Landfill Disposal in Relation to Green Material Used as ADC (2000-2020)

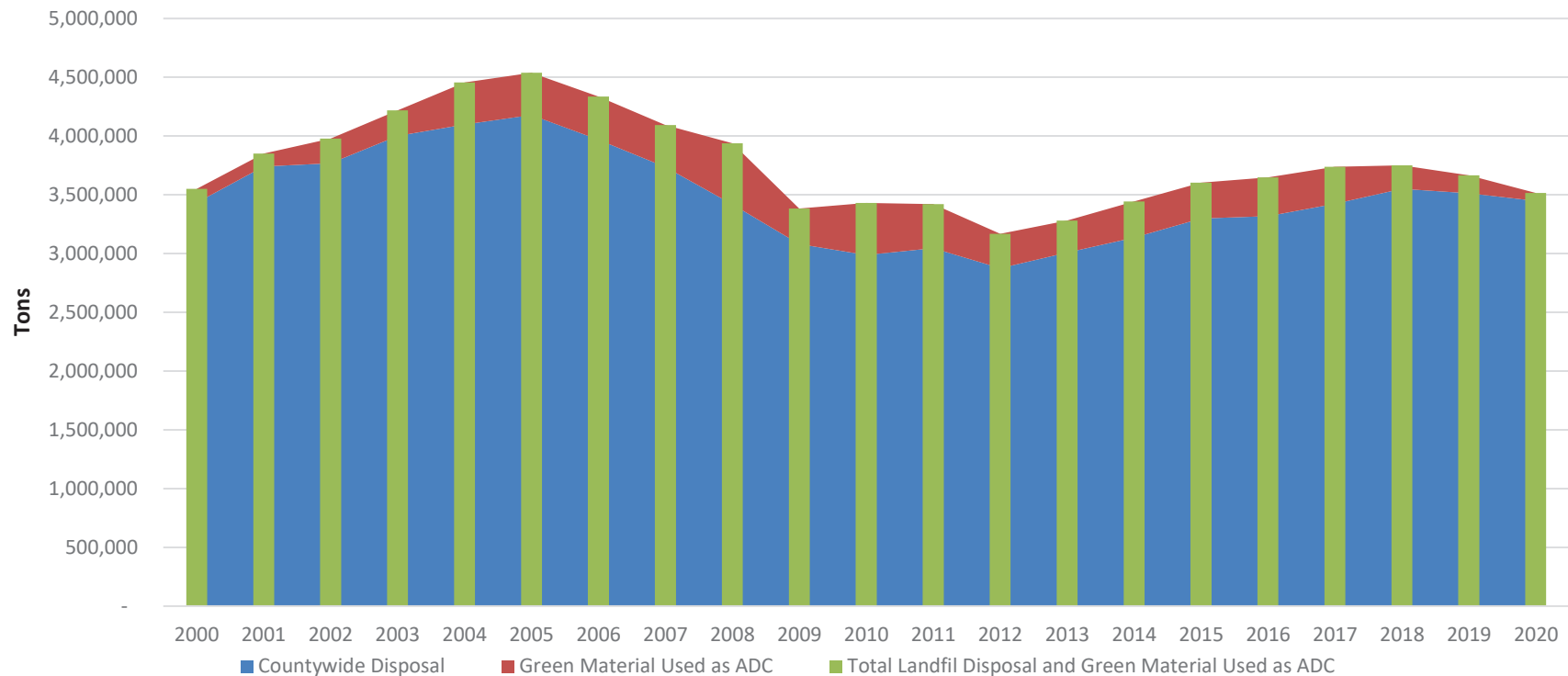


Figure 3 - San Diego County Landfill Disposal in Relation to Green Material Used as ADC (2000-2020)

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>). Beginning third quarter of 2019, CalRecycle transitioned away from the Disposal Reporting System to the Recycling and Disposal Reporting System (RDRS) through passage of AB 901. 2020 Data is from RDRS Public Report#1 Jurisdiction Disposal and Beneficial Reuse by Destination exported 7/22/21.

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

Demographics & Disposal Trends

Countywide solid waste disposal decreased by 29% between 2005 and 2010 and rose by 10% between 2010 and 2015 (Table 5)⁵. The upward trend continued in the next five-year period and disposal increased 5% between 2015 and 2020. From 2015 to 2020, fourteen jurisdictions had increases in the amount disposed and the remaining five jurisdictions had decreases in disposal. No single factor has been identified for the steep drop from 2005 to 2010, but the Great Recession between 2007 and 2009 likely caused people and businesses to discard less waste during that period. Since that time, in-county disposal tons have fluctuated but trended moderately upward beginning in 2013 and have remained relatively steady from 2016 to 2020 (Figure 4). Although disposal trends have fluctuated year over year, the overall growth rate between 2000 and 2020 has been flat.

As of 2020, jurisdictions using green materials as alternative daily cover (ADC) no longer receive recycling credit and are instead considered disposal. The region used approximately 300,000 tons of green waste as ADC annually from 2000 to 2016. This has drastically declined each year since 2016 and is expected to continue to decrease (Figure 3).

Figure 2 displays the in-county disposal trends from 2000 – 2020 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. There was approximately a 5-7% growth rate annually in 2013, 2014, and 2015 which has remained relatively stable since. The growth in 2015 was followed by 1-2% increases in 2016 and 2017 and a decrease in disposal of 0 - 4% in 2018-2020. It is presumed waste disposal tonnages will not reach the 2005 level again due to increased State and local recycling requirements and programs (e.g. AB 341 and SB 1383). Another reason for reduced landfill disposal rates is increased conservation and recycling activities, expansion of compost and construction and demolition facilities, and implementation of mandatory recycling ordinances by jurisdictions.

⁵ Source: CalRecycle, Disposal Reporting System (DRS): Jurisdiction Disposal and Alternative Daily Cover (ADC) Tons by Facility 2000-2019; CalRecycle, Jurisdiction Disposal and Beneficial Reuse by Destination 2020, Table page 22.

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

Table 6 ⁶ 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 6, data is displayed in 5-year increments for years 2000, 2005, 2010, 2015, and 2019 (2020 data was not yet available). The years 2000 and 2005 are displayed as diversion percentages, and 2010, 2015, and 2019 are displayed as the pounds per capita disposal rate. For this analysis, the pounds per person day (PPD) population targets were used for all jurisdictions, rather than the PPD employment targets.

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. In 2019, all but one jurisdiction met their individual target.

Figure 4 shows the countywide in-county disposal and per capita disposal from 2007 through 2020. As disposal decreased significantly from 2007 through 2009, so did the average countywide per capita disposal rates. Per capita disposal rates in relation to disposal fluctuated from 2010 to 2012, however, rates became more in-line with disposal in 2013 as disposal slowly rose and per capita rates followed. Since 2016, per capita disposal rates and disposal have remained relatively stable through 2019.

San Diego per capita rates were on average, higher than the statewide disposal averages until 2016 (Figure 5). In 2016, statewide per capita averages surpassed the average rate in San Diego. As San Diego per capita averages flattened out, statewide per capita rates continued to rise.

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 adequacy of the region's planning documents. Figure 6 illustrates the following: 1) 15-year disposal projections through 2037, 2) overall system landfill capacity for San Diego County through 2053, and 3) daily permitted landfill capacity through 2060. Using estimated remaining capacities provided by landfill operators, the current physical space (system capacity) available in the region's landfills is the equivalent of approximately 107,000,000 tons (Table 7)⁷ with an overall capacity estimated to last through 2053 (Figure 6). Figure 7 displays anticipated daily permitted capacities and disposal projections in even greater detail than Figure 6. While permitted capacity is available through 2060, waste disposal is only projected through the state-mandated 15-year period of 2037. Landfill capacity and disposal projections are explained in more detail below.

⁶ Source: CalRecycle, Countywide, Regionwide, and Statewide Jurisdiction Diversion/Disposal Progress Report, Table page 23

⁷ Source: CalRecycle, City of San Diego LEA, County of San Diego LEA, and Republic Services, Table page 26.

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 (2005-2020) is used to project disposal for the next 15 years (2022-2037). 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 3,206,009 in-county tons annually. Exported waste, making up approximately 5% of countywide disposal (Figure 8), was removed from the disposal average. Figure 6 shows the disposal projection (orange bars) through 2037.

Figure 7 provides a second disposal projection scenario, which anticipates organic materials being diverted from the landfills at a greater rate to align with 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 CalRecycle's 2018 Southern Region Waste Characterization, it was assumed that 36% of the waste stream was potentially divertible organic material (not including paper). This percentage was applied to the annual average disposal projection (3,206,009 tons) mentioned above, and an annual organics disposal tonnage was estimated (1,154,163 tons). Using this figure, disposal reductions were then applied using anticipated organics diversion rates. To align with state organics diversion goals and considering greater organics diversion due to new state and local requirements, a graduated scale of increased organics diversion rates was used to project 75% diversion of organics by 2025. When the 75% organics diversion rate was applied to the County's baseline disposal, organics waste disposal projections were reduced to 288,541 tons for the year 2025. These reductions were deducted from the overall disposal projection to provide a disposal scenario if organics regulations result in increased diversion. This scenario is indicated by the green bars in Figure 7. Considering the additional organics diversion scenario, the projected disposal by 2037 would be 2,282,678 tons annually, nearly a million tons (923,330 tons) less than the average disposal projection of 3,206,009 tons.

Given these two disposal projection scenarios (with and without organic waste reductions), 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 (LEA) (Table 7)⁸. 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 and calculations conducted between 2019 and 2021, the total San Diego landfill system capacity in 2021 is approximately

⁸ Source: CalRecycle, City of San Diego LEA, County of San Diego LEA, and Republic Services, Table page 26.

134,072,931 cubic yards or 107,005,301 tons using current landfill compaction rates. 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 is estimated to be exhausted in 2053 as shown in light blue shading in Figure 7.

The second component of determining disposal capacity is the permitted daily capacities allowed by the Local Enforcement Agencies including any projected maximum disposal limits. The maximum annual allowable permitted capacity for all San Diego County landfills was 6,967,600 tons in 2021 and will be 4,134,600 tons in 2032. This is indicated by the dark blue line on Figure 6 and Figure 7. Landfill operators project that Otay Landfill will close in 2030 and Miramar Landfill will close in 2031. 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 three expansions to their daily permitted capacity. Sycamore Landfill has completed CEQA for these landfill expansions; however, there has been no application to the Local Enforcement Agency to revise the Solid Waste Facility 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 2025 and daily permitted capacity is projected to increase permitted capacity to 7,000 tons per day. The second expansion is estimated to occur in 2027 and permitted capacity is projected to increase to 9,000 tons per day followed by a third expansion estimated to occur in 2030 to increase permitted capacity to 11,000 tons per day.

Figure 7 illustrates that the County of San Diego has enough daily permitted disposal capacity for the next 15 years (2022 to 2037), 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. 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 waste 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 Disposal Tonnage including Transformation Tons, Exports for San Diego County Jurisdictions, 2000-2020

	2000	2005	2010	2015	2020	2000-2005	2005-2010	2010-2015	2015-2020	2000-2020
Jurisdiction	Tons	Tons	Tons	Tons	Tons	% Change	% Change	% Change	% Change	% Change
Carlsbad	110,047	136,345	107,918	147,807	163,557	24%	-21%	37%	11%	49%
Chula Vista	150,767	217,862	159,623	173,123	204,417	45%	-27%	8%	18%	36%
Coronado	40,859	52,330	49,998	49,359	41,019	28%	-4%	-1%	-17%	0%
Del Mar	14,604	16,555	9,193	11,186	9,961	13%	-44%	22%	-11%	-32%
El Cajon	105,050	130,095	93,988	90,510	106,852	24%	-28%	-4%	18%	2%
Encinitas	70,752	81,870	65,820	64,762	65,277	16%	-20%	-2%	1%	-8%
Escondido	133,576	158,845	147,166	150,833	187,584	19%	-7%	2%	24%	40%
Imperial Beach	17,952	19,589	19,402	16,517	13,554	9%	-1%	-15%	-18%	-24%
La Mesa	63,941	66,478	42,718	50,979	53,325	4%	-36%	19%	5%	-17%
Lemon Grove	22,733	24,230	20,162	19,197	24,465	7%	-17%	-5%	27%	8%
National City	61,124	75,887	52,239	53,703	59,202	24%	-31%	3%	10%	-3%
Oceanside	135,459	167,718	125,471	129,099	137,998	24%	-25%	3%	7%	2%
Poway	56,432	67,445	50,937	48,963	51,671	20%	-24%	-4%	6%	-8%
San Diego	1,730,376	1,992,280	1,297,060	1,583,830	1,525,249	15%	-35%	22%	-4%	-12%
San Marcos	84,067	110,782	82,391	80,466	87,064	32%	-26%	-2%	8%	4%
Santee	63,227	60,825	49,617	46,975	55,533	-4%	-18%	-5%	18%	-12%
Solana Beach	19,238	19,869	14,033	14,007	12,706	3%	-29%	0%	-9%	-34%
Unincorporated	469,466	642,720	508,315	474,750	551,858	37%	-21%	-7%	16%	18%
Vista	110,041	137,469	91,916	93,069	100,458	25%	-33%	1%	8%	-9%
County Total	3,459,711	4,179,194	2,987,967	3,299,135	3,451,748	21%	-29%	10%	5%	0%

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>) Beginning third quarter of 2019, CalRecycle transitioned away from the Disposal Reporting System to the Recycling and Disposal Reporting System (RDRS) through passage of AB 901.

2020 Data is from RDRS Public Report#1 Jurisdiction Disposal and Beneficial Reuse By Destination. Disposal figures includes host assigned tons due to missing reports

(<https://www2.calrecycle.ca.gov/RecyclingDisposalReporting/Reports/OverallJurisdictionTonsForDisposal>)

Table 6 - Solid Waste Diversion and Per Capita Disposal Rates for San Diego County Jurisdictions, 2000-2019

Jurisdictions	2000	2005	2010	2015	2019	Target
Carlsbad	59%	55%	5.6	7.3	7.5	8.4
Chula Vista	34%	48%	3.6	3.7	4.1	5.3
Coronado	56%	55%	11.9	11.5	11	12.0
Del Mar	51%	52%	12.1	14.5	16.7	20.3
El Cajon	55%	55%	5.2	4.9	5.8	7.4
Encinitas	50%	54%	6	5.8	6.1	7.5
Escondido	47%	49%	5.6	5.6	6.4	5.9
Imperial Beach	50%	54%	3.1	3.4	3	4.0
La Mesa	43%	50%	4.1	4.7	4.6	6.2
Lemon Grove	39%	47%	4.4	4	4.5	4.7
National City	53%	53%	4.9	4.9	4.8	6.9
Oceanside	46%	58%	4.1	4.1	4.2	6.3
Poway	65%	63%	5.8	5.5	5.6	8.6
San Diego	48%	52%	5.5	6.3	6.1	8.4
San Marcos	47%	53%	5.4	4.9	5	8.9
Santee	33%	54%	5.1	4.6	5.7	6.5
Solana Beach	46%	56%	6	5.9	5	8.9
Unincorporated County	44%	50%	5.8	5.2	5.5	6.8
Vista	49%	41%	5.4	5.3	5.5	6.5

Source:

CalRecycle, "Countywide, Regionwide, and Statewide Jurisdiction Diversion/Disposal Progress Report"

(<https://www2.calrecycle.ca.gov/LGCentral/AnnualReporting/slcp/capacityplanning/recycling/DiversionDisposal>)

***"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

San Diego County Disposal and Per Capita Disposal Trends: 2007-2020

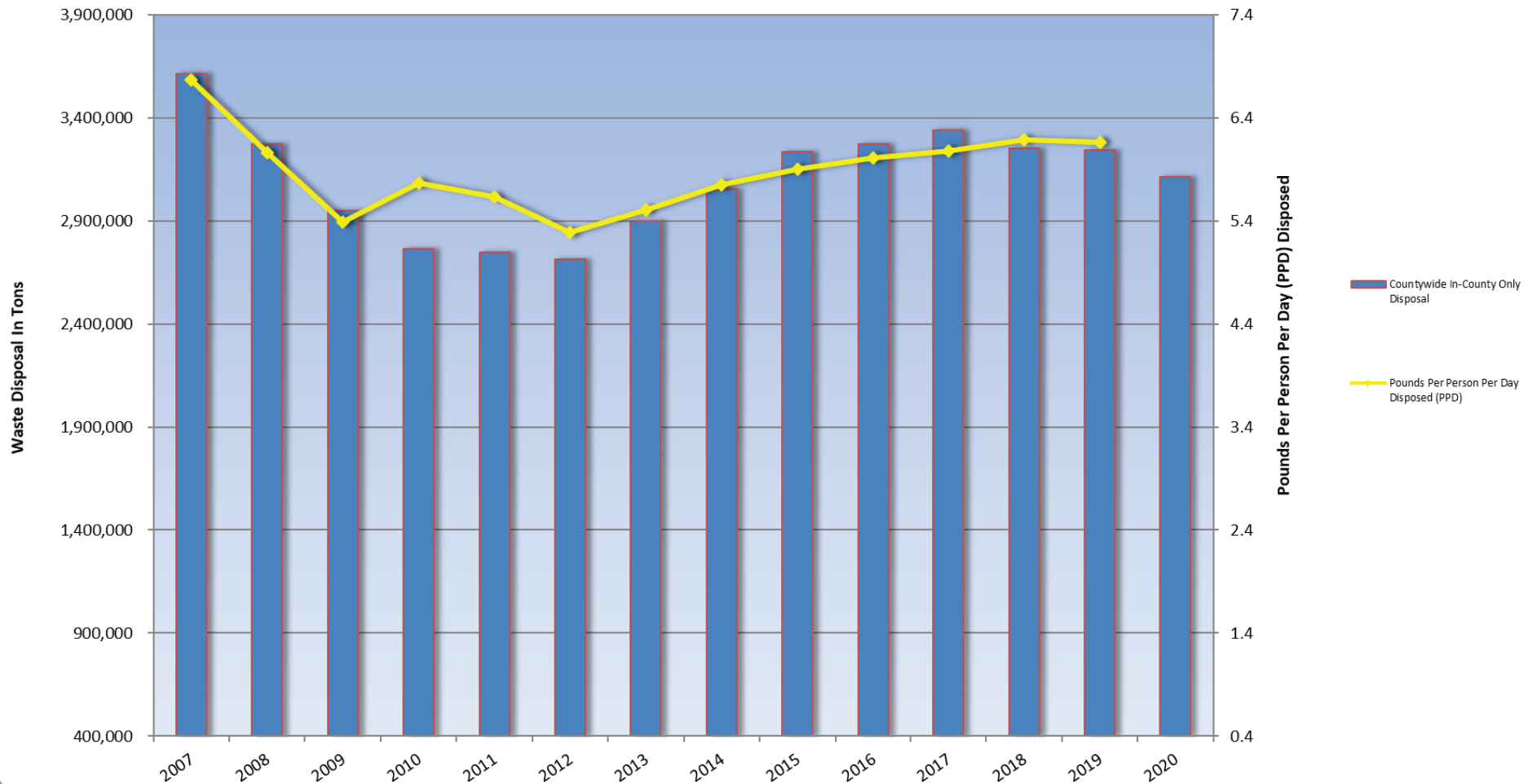


Figure 4 - San Diego County Disposal and Per Capita Disposal Trends (2007-2020)

Disposal Data 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>). Beginning third quarter 2019, CalRecycle transitioned away from the Disposal Reporting System to the Recycling and Disposal Reporting System (RDRS) through passage of AB 901. 2020 Data is from RDRS Public Report#1 Jurisdiction Disposal and Beneficial Reuse by Destination exported 7/22/21. Pounds per person per day disposed source: <https://www.calrecycle.ca.gov/lgcentral/goalmeasure/disposalrate> 2020 PPD data was not available at the time of this report.

San Diego and Statewide Per Capita Disposal (2007-2019)

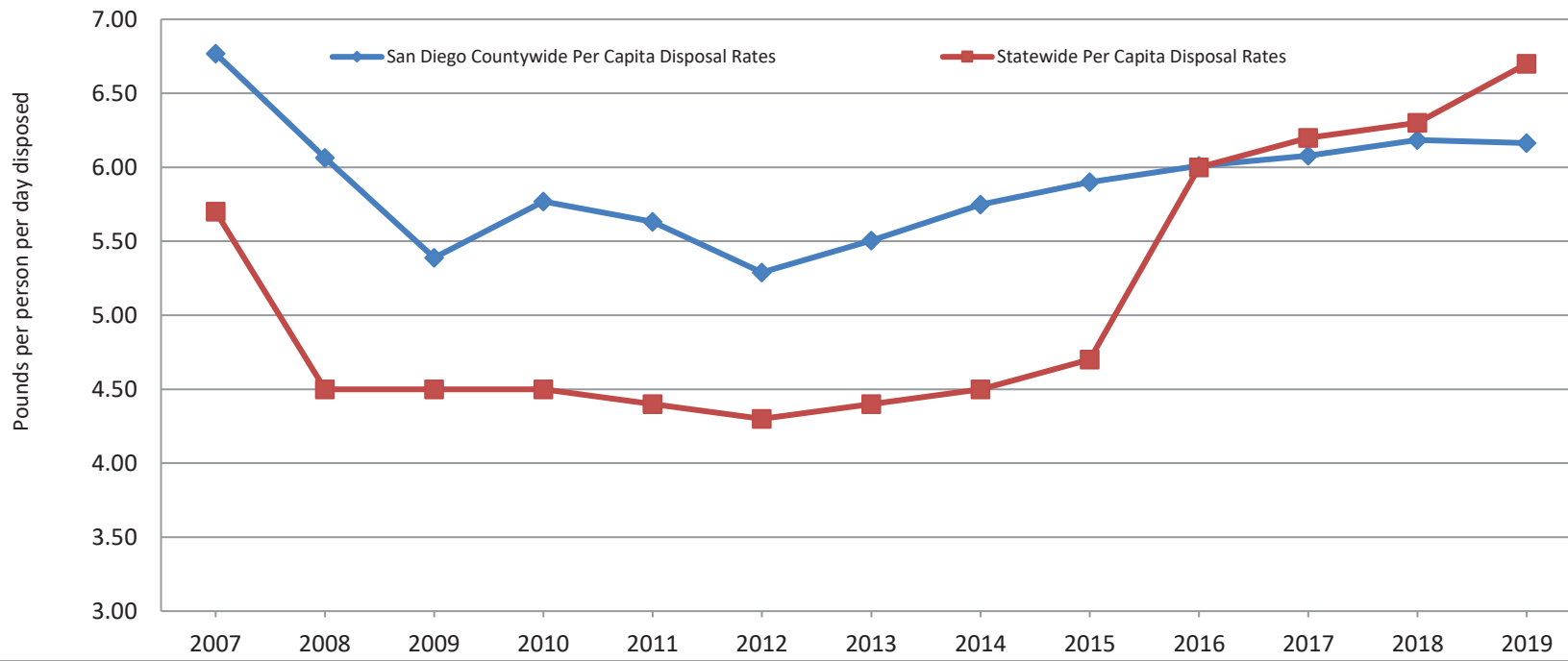


Figure 5 - San Diego and Statewide Per Capita Disposal (2007-2019)

Source: <https://www.calrecycle.ca.gov/lgcentral/goalmeasure/disposalrate>

Table 7 - San Diego County Landfill Information and Estimated Capacity

Landfill	Owner	Operator	Current Remaining Capacity (cubic yards)	Current Remaining Capacity (tons)	Current Remaining Capacity - Date of Aerial Survey/Calculations	Estimated Closure Date as provided by the LEA/Landfill Operators	Source
Miramar	US Department of Navy	City of San Diego	11,080,871	7,424,184	January 2020	2031	CalRecycle SWIS Activity Details/Landfill Operator
Otay	Republic Services	Republic Services	11,122,997	9,565,777	February 2021	2030	County of San Diego LEA/Republic Services
Borrego	Republic Services	Republic Services	88,750	44,375	January 2021	2046	County of San Diego LEA/ Republic Services
Las Pulgas	US Marine Corps	US Marine Corps	5,657,717	3,394,630	August 2020	2060	County of San Diego LEA
San Onofre	US Marine Corps	US Marine Corps	1,057,605	423,042	November 2019	2031	County of San Diego LEA
Sycamore	Republic Services	Republic Services	105,064,991	86,153,293	February 2021	2042	City of San Diego LEA/Republic Services
Total Remaining			134,072,931	107,005,301			

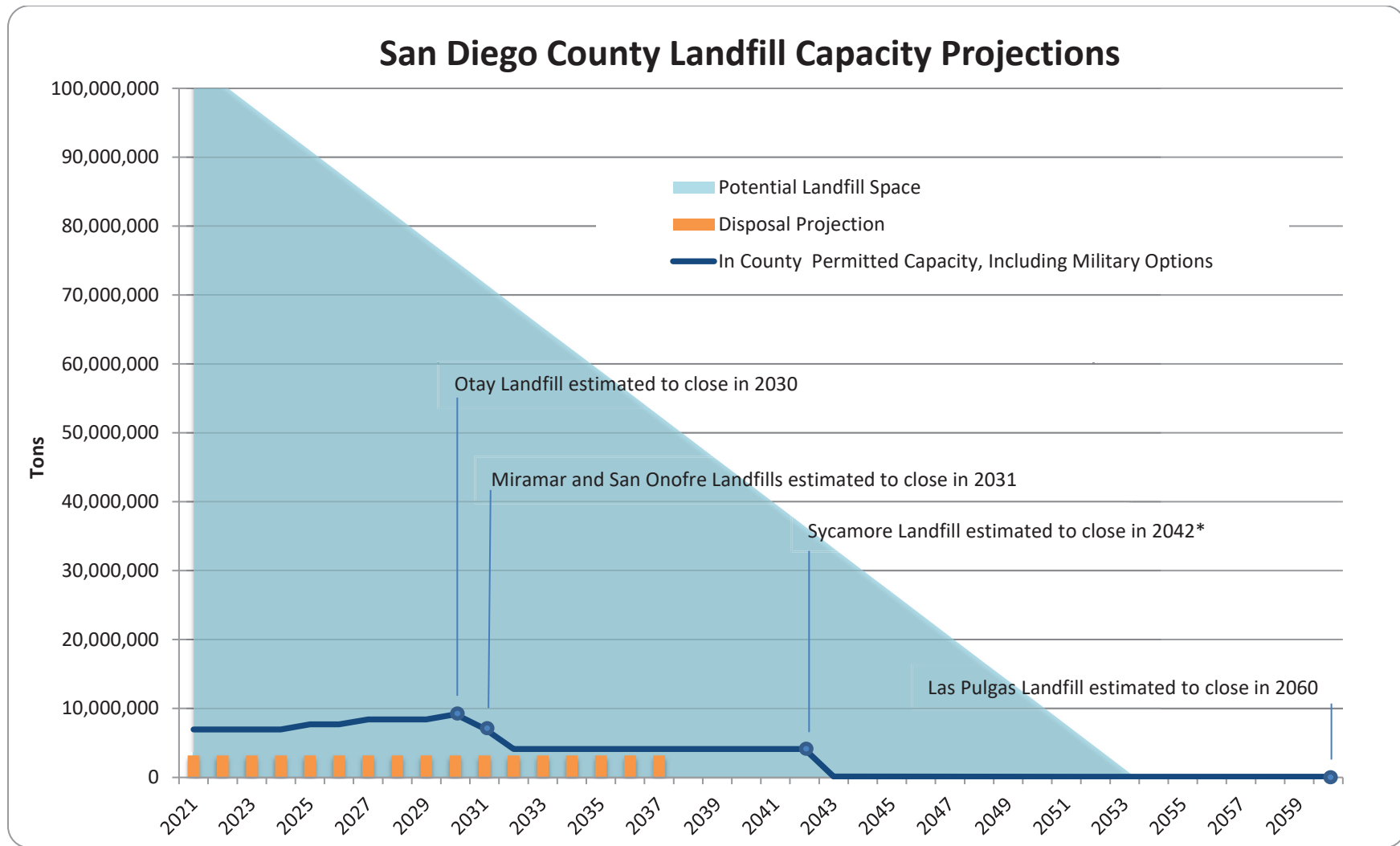


Figure 6 - San Diego County Landfill Capacity Projections

*Sycamore Landfill's 2017 permit lists an estimated closure date of 2042. The permit is anticipated to be revised later this year and is expected to extend the estimated closure date.

San Diego County Landfill Capacity Projections (Detailed)

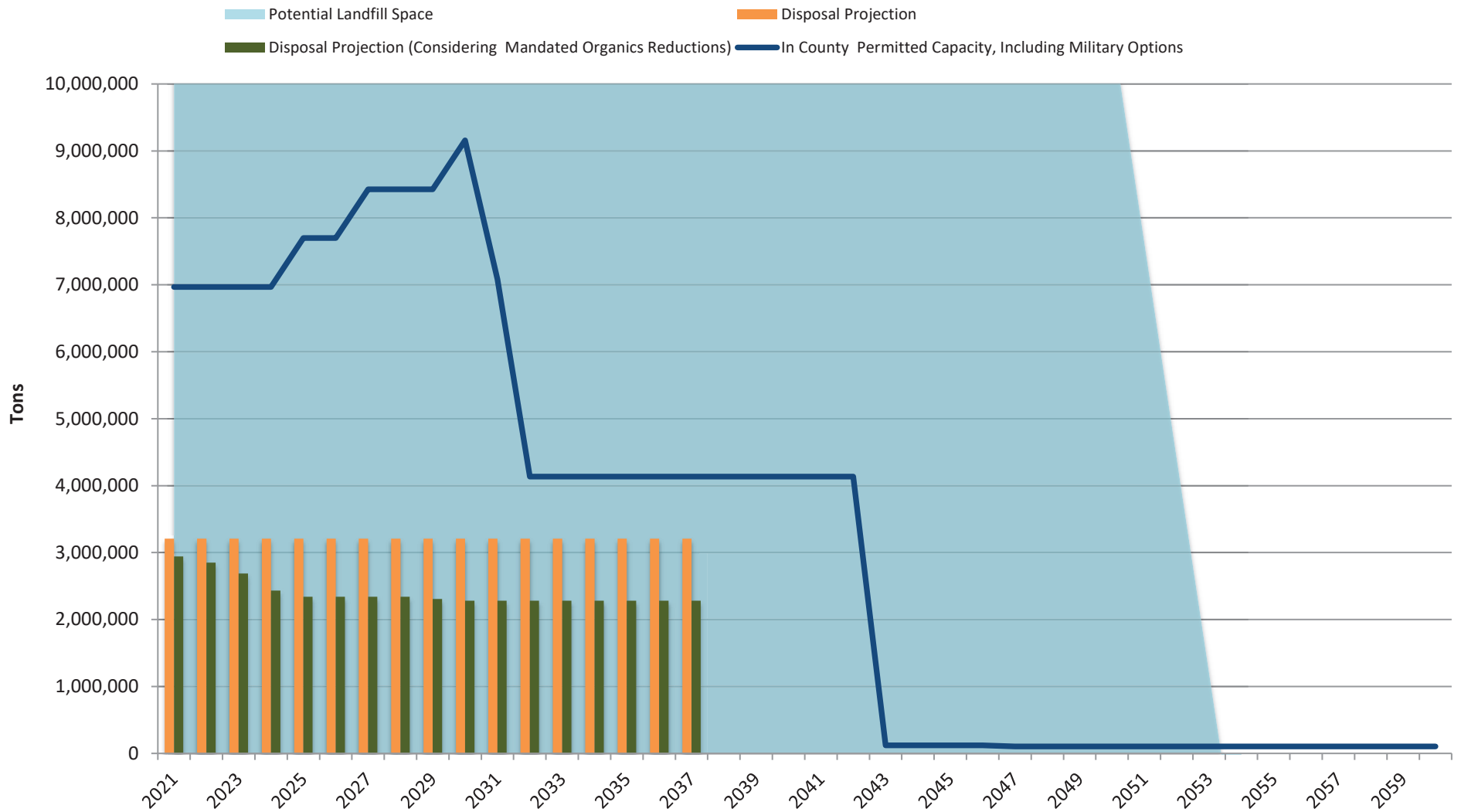


Figure 7 - San Diego County Landfill Capacity Projections (Detailed)

San Diego Countywide Exports (1995 - 2020)

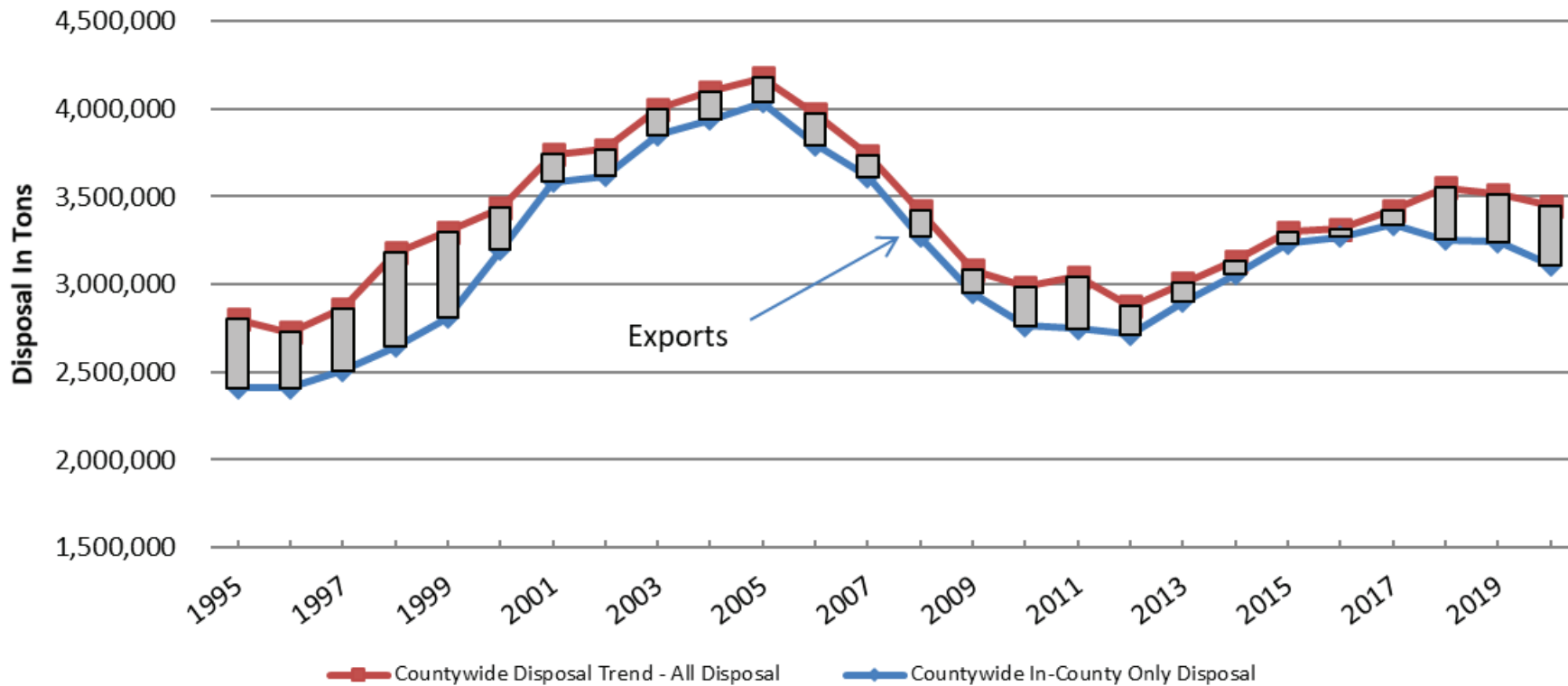


Figure 8 - San Diego Countywide Exports (1995-2020)

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 2017, 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 2017

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 June 2020 and will be updated as facilities are permitted.
- Countywide Siting Element (SE) - There have not been any significant changes since the 2011 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 December 2021, a survey of San Diego recycling markets was distributed to local recycling companies. Overall, recycling markets for the region remain stable 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 are the ports, transportation due to limited trucking, and limitations from overseas markets.
- One recycler reported that the market has expanded to additional countries, but demand has remained stable. Another recycler reported that certain materials continue to be processed overseas but have seen a demand for more quality of material.
- As for movement of material, there hasn't been much of an issue until lately. Over the past several months we've seen shipping delay and a buildup of material, which we believe is partly due to supply chain issues. Domestic Port and COVID issues were the cause of shipping issues.
- Since 2017, prices went down dramatically then rebounded, and have recently dropped, but appear to be stabilizing.
- 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 Received
1	City of Carlsbad	✓
2	City of Chula Vista	✓
3	City of Coronado	✓
4	City of Del Mar	✓
5	City of El Cajon	✓
6	City of Encinitas	✓
7	City of Escondido	✓
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.



October 27, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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 "Anecita Jones".

Senior Program Manager

10/27/2021



Office of Sustainability
Economic Development Department

October 15, 2021

Ellyn Law,
Recycling Specialist II
County of San Diego
Department of Public Works
Solid Waste Planning and Recycling
5510 Overland Ave Ste. 210 MS 0-350
San Diego, CA 92123

RE: Certification of Completeness of the current 5-year review cycle of the Integrated Waste Management Document

Dear Ellyn,

The City of Chula Vista has reviewed its Integrated Waste Management Plan, which includes the Source Reduction and Recycling Element, Household Hazardous Waste Element and Non-Disposal Facility Element. All components are adequate, and all updates are provided in the electronic Annual Reports to CalRecycle.

Authorized Signature

A handwritten signature in black ink, appearing to read "M Medrano".

Manuel Medrano
Environmental Services Manager,
Office of Sustainability,
Economic Development Department
mmedrano@chulavistaca.gov
(619) 585-5766



**CITY OF CORONADO
PUBLIC SERVICES & ENGINEERING**

101 "B" Avenue
CORONADO, CALIFORNIA 92118-1510

TEL: (619) 522-7380
FAX: (619) 435-4479

December 6, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

The City of Coronado 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.

Authorized Signature

Title

Date

Administration Super/Mgr 12-6-21



CITY OF DEL MAR

October 15, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

SENT VIA EMAIL

RE: Certification of Completeness of Integrated Waste Management Plan Documents

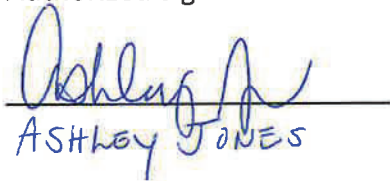
Dear Ms. Law:

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


ASHLEY JONES

Interim City Manager

10/15/2021



Public Works

October 11, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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,

A blue ink signature of Dennis Davies.

Dennis Davies
Deputy Director of Public Works



City of Encinitas

October 13, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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.



Authorized Signature

Management Analyst

Title

10/13/21

Date

Ashlee Stratakis
Management Analyst III
City of Encinitas
Department of Public Works
160 Calle Magdalena
Encinitas, CA 92024



Lori Calvert
Acting Recycling Program Coordinator
475 North Spruce Street, Escondido, CA 92025
Phone: 760-839-4361

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

The City of Escondido 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 blue ink, appearing to read "Lori Calvert", written over a horizontal line.

Acting Recycling Program Coordinator December 3, 2021



City of Imperial Beach, California

PUBLIC WORKS DEPARTMENT

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

10/11/2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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 II
Department of Environmental and Natural Resources
City of Imperial Beach



September 9, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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 electronic Annual Reports to CalRecycle.

Leon Firsh
Director of Public Works/City Engineer
City of La Mesa

Date



CITY OF LEMON GROVE

"Best Climate On Earth"

Office of the City Manager

January 13, 2022

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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.

Authorized Signature

Title

Date

City Manager

1-13-2022



October 12, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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.

Sincerely,

Carla E. Hutchinson

Carla Hutchinson
Environmental Compliance
City of National City

Engineering & Public Works Department
1243 National City Boulevard, National City, CA 91950-4301
619/336-4380 Fax 619/336-4397 www.nationalcityca.gov



CITY OF OCEANSIDE
WATER UTILITIES DEPARTMENT

October 25, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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

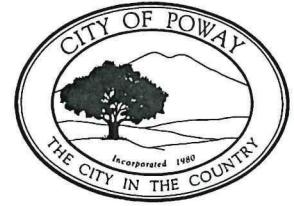
A handwritten signature in black ink, appearing to be "J. R. [unclear]", written over a horizontal line.

Environmental Officer

October 25, 2021

STEVE VAUS, Mayor
BARRY LEONARD, Deputy Mayor
CAYLIN FRANK, Councilmember
DAVE GROSCH, Councilmember
JOHN MULLIN, Councilmember

CITY OF POWAY



10/25/2021

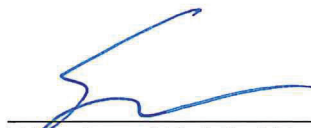
Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123
(MS 0350)

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Law:

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.

Authorized Signature:



Director of Public Works

Date: 10/25/21

October 27, 2021

Ellyn Law
Recycling Specialist II
Department of Public Works
Solid Waste Planning and Recycling
5510 Overland Ave, Suite 210
San Diego, CA 92123

Reference: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Law:

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 Jeanne Patton at (858) 492-5031 or jmpatton@sandiego.gov.

Sincerely,



Renee Robertson,
Director

RR/jp

cc: Matthew Cleary, Interim Assistant Director, Environmental Services Department
Ken Prue, Deputy Director, Environmental Services Department
Jeanne Patton, Recycling Specialist III, Environmental Services Department



SAN MARCOS

DISCOVER LIFE'S POSSIBILITIES

October 11, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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 Reports to CalRecycle.

Authorized Signature

Title

Date

City Manager

10/11/21

www.san-marcos.net

CITY OF SAN MARCOS, CALIFORNIA

1 Civic Center Drive | San Marcos, CA 92069 | (760) 744-1050

Mayor
John W. Minto
City Council
Ronn Hall
Laura Koval
Rob McNelis
Dustin Trotter

October 18, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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 updates are provided in the electronic Annual Reports to CalRecycle for the SRRE and HHWE.

Sincerely,



MARLENE BEST
City Manager

C: Bill Maertz, Director of Community Services
Heather Heckman, 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

October 14, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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

Gregory Wade

Name

City Manager

Title

10/14/2021

Date



September 14, 2021

Ellyn Law
Recycling Specialist II
County of San Diego
Department of Public Works
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. Law:

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.

Authorized Signature

Title

Date



Joshua Sino Cruz

Management Analyst

9/14/2021

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

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

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.

Thursday, April 7, 2022

1:00 p.m. – 3:00 p.m.

This meeting will be held online only. Please use the link below to join us.

Meeting Link: [Join Microsoft Teams Meeting](#)

+1 619-343-2539 United States, San Diego (Toll)

Conference ID: 195 032 867#

Chair: County of San Diego

If any accommodations are needed, please contact Eric Wolff (contact info below). Requests should be made as soon as possible but at least 3 days prior to the scheduled meeting.

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

INTEGRATED WASTE MANAGEMENT TECHNICAL ADVISORY COMMITTEE

Thursday, April 7, 2022– Agenda

Link to join meeting: [Join Microsoft Teams Meeting](#) +1 619-343-2539 Conf. ID: 195 032 867#

- | | |
|--|--------------------|
| 1. QUORUM (at least 10 jurisdiction representatives must be present) | APPROVE |
| 2. WELCOME AND INTRODUCTIONS | INFORMATION |
| 3. REVIEW OF THE MARCH 3, 2022 MEETING SUMMARY | INFORMATION |
| 4. PUBLIC COMMENTS AND COMMUNICATIONS
<i>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.</i> | INFORMATION |
| 5. CHAIRPERSON’S REPORT | INFORMATION |
| 6. PRESENTATIONS

5-Year Review Report of the Countywide Integrated Waste Management Plan
Ellyn Law, County of San Diego | INFORMATION |
| 7. CALRECYCLE UPDATE | INFORMATION |
| 8. CPSC UPDATE | INFORMATION |
| 9. LEGISLATION | INFORMATION |
| 10. COVID-19 - GENERAL DISCUSSION | DISCUSSION |
| 11. SB 1383 & AB 1826 – ROLLOUT ROUNDTABLE | DISCUSSION |
| 12. TARP YOUR LOAD/LITTER ABATEMENT | INFORMATION |
| 13. SUBCOMMITTEES’ REPORT
a. Household Hazardous Waste
b. Organics
c. Edible Food Recovery | INFORMATION |
| 14. ROUNDTABLE
TAC Members may present items to the Committee regarding topics not covered in the agenda | DISCUSSION |
| 15. ADJOURNMENT AND UPCOMING MEETINGS | |

**COUNTYWIDE INTEGRATED WASTE MANAGEMENT
CITIZENS ADVISORY COMMITTEE/ CRRA San Diego Chapter and Zero Waste San Diego Public Meeting
MEETING NOTICE AND AGENDA**

WHEN: Thursday, April 14th, 2022 from 12:00 – 2:00 pm.

This meeting will be virtual

MEETING LINK: [Join Microsoft Teams Meeting](#)

Phone call in through Teams:

Call [+1 619-343-2539](tel:+16193432539) United States, San Diego (Toll) and enter the meeting ID 591 154 284#

Contact: Steve Weihe 858-694-2559

Submit Agenda Items to Chair Rick Anthony and County Staff Steve Weihe 2 weeks prior to the next meeting: RicAnthony@aol.com and Steve.Weihe@sdcounty.ca.gov

Agenda

- Welcome and Introductions
- Approval, Minutes March 2022
- Chair's Report
- **5-Year Review Report of the Countywide Integrated Waste Management Plan**
- Staff Reports
 - Cities
 - County
 - Haulers
 - Non-Profits
 - LWV
- Public Comments and Communication
- Regional Planning Issues
- Legislative Update
- Roundtable
- Adjournment