

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

Board of Supervisors

Greg Cox, District 1
Dianne Jacob, District 2
Pam Slater-Price, District 3
Ron Roberts, District 4
Bill Horn, District 5

Chief Administrative Officer

Walter F. Ekard

Deputy Chief Administrative Officer

Sarah E. Aghassi
Land Use and Environment Group

Department of Public Works

Richard E. Crompton, Director

Prepared by:



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

Table of Contents

TABLE OF CONTENTS	2
LIST OF TABLES	3
LIST OF FIGURES	4
1 INTRODUCTION	5
1.1 County Information.....	5
1.2 Background	5
2 LOCAL TASK FORCE REVIEW	6
3 TITLE 14, CALIFORNIA CODE OF REGULATIONS SECTION 18788 (3) (A) THROUGH (H)	7
3.1 Changes in Demographics in the County or Regional Agency	7
3.2 Changes in Quantities of Waste within the County or Regional Agency and Changes in Permitted Disposal Capacity and Waste Disposed in the County	13
3.3 Changes in Funding Source for Administration of the Siting Element and Summary Plan	16
3.4 Changes in Administrative Responsibilities	16
3.5 Programs that were Scheduled to be Implemented but were not	16
3.6 Changes in Available Markets for Recycled Material	16
3.7 Changes in the Implementation Schedule.....	17
4 ANNUAL REPORT REVIEW	18
5 APPENDICES A, B, AND C	19

List of Tables

Table 1 - Population of Jurisdictions in San Diego County from 2000 through 2010.....	8
Table 2 - Employment Averages Comparison from 2000 to 2010.....	9
Table 3 - Solid Waste Generation Tonnage Comparison for San Diego County 2000 to 2006	9
Table 4 - Solid Waste Disposal Tonnage Comparison for San Diego County 2000 to 2010	10
Table 5 - Solid Waste Diversion and Per Capita Disposal Rates for all San Diego County Jurisdictions 1995 - 2009	11

List of Figures

Figure 1: San Diego Countywide Disposal Capacity

1 INTRODUCTION

1.1 County 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	
Type/Print Name of Person Signing Troy Bankston	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			

1.2 Background

This is the County of San Diego's third Five-Year Review Report since the approval of the CIWMP in 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

There have been no significant changes since the last update. This update provides up to date statistical analysis.

2 LOCAL TASK FORCE REVIEW

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.

The County of San Diego received no written comments from the LTF, but received approval from the Technical Advisory Committee on August 23rd, 2012 and from the Citizen's Advisory Committee on August 16th, 2012.

3 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 AB939. The goals, objectives, and policies in the elements are still applicable.

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.

3.1 Changes in Demographics in the County or Regional Agency

From 2000 to 2010 San Diego County experienced a high rate of population growth while economic growth declined. Population changes vary from jurisdiction to jurisdiction. Countywide, population increased by 15% with one jurisdiction (San Marcos) growing by 54% since 2000 and one jurisdiction (Coronado) dropping by 1%. The Countywide employment rate dropped by 1%.

Table 1 and Table 2 below depict the County of San Diego's demographic data. The rate of change for population and employment is shown from years 2000 to 2010.

The jurisdictions in the County of San Diego have responded to increases in population with a variety of different measures, including adding new or improved solid waste management and more recycling programs, instituting mandatory recycling requirements, and providing technical assistance for residents and businesses, all of which help meet AB939 requirements.

Table 3 and Table 4 illustrate changes in the quantities of waste generated and disposed within the county. Table 3 illustrates the countywide waste generation in 2000 and 2006 including the rate of change between those years. Waste generation data is not available beyond 2006. Waste generated from 2000 to 2006 increased countywide by 33%. Table 4 shows San Diego's solid waste disposal tonnages in 2000 and in 2010 and also includes the rate of change.

Table 5 summarizes each jurisdiction's progress in implementing the Source Reduction and Recycling Element (SRRE) and compliance with the 50% diversion rate requirement. In 2007, AB1016 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 5, years 2007 through 2009 are displayed as 50% equivalent per capita disposal.

In 2009, all nineteen (19) San Diego jurisdictions in San Diego County reached and exceeded their individual per capita disposal target (Table 5). The County of San Diego staff worked with

CalRecycle to develop a diversion equivalent. The San Diego average for pounds disposed per person per day in 2009 is 5.4. The countywide diversion average in 2009 was 66%.

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

Further analysis of generation and disposal of solid waste appear in Section 3.2.

Table 1 - Population of Jurisdictions in San Diego County from 2000 through 2010

Population				
	2000	2010	2000-2010	2000-2010
Jurisdiction	Total Population	Total Population	Difference	% Change
Carlsbad	78,247	106,804	28,557	36%
Chula Vista	173,556	237,595	64,039	37%
Coronado	24,100	23,916	-184	-1%
Del Mar	4,389	4,660	271	6%
El Cajon	94,869	99,637	4,768	5%
Encinitas	58,014	65,171	7,157	12%
Escondido	133,559	147,514	13,955	10%
Imperial Beach	26,992	28,680	1,688	6%
La Mesa	54,749	58,150	3,401	6%
Lemon Grove	24,918	26,131	1,213	5%
National	54,260	57,799	3,539	7%
Oceanside	161,039	183,095	22,056	14%
Poway	48,044	52,056	4,012	8%
San Diego	1,223,400	1,376,173	152,773	12%
San Marcos	54,977	84,391	29,414	54%
Santee	52,946	58,044	5,098	10%
Solana Beach	12,979	13,783	804	6%
Unincorporated County	442,919	503,320	60,401	14%
Vista	89,857	97,513	7,656	9%
Countywide	2,813,814	3,224,432	410,618	15%

Sources:

2010 Figures: U.S. Census Bureau. California Department of Finance. Compiled by SANDAG, November 2011.

Table 2 - Employment Averages Comparison from 2000 to 2010

Employment Average For San Diego County	2000	2010	% Change
Countywide Employment	1,407,152	1,398,300	-1%

Source: 2011 Population and Employment Figures: SANDAG Website:
<http://datawarehouse.sandag.org/>

Table 3 - Solid Waste Generation Tonnage Comparison for San Diego County 2000 to 2006

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>

Table 4 - Solid Waste Disposal Tonnage Comparison for San Diego County 2000 to 2010

Disposal			2000 - 2010	2000 - 2010
Jurisdiction	2000	2010	Difference	% Change
Carlsbad	109,479	107,918	-1,560	-1%
Chula Vista	150,767	159,623	8,855	6%
Coronado	40,859	49,998	9,139	22%
Del Mar	14,603	9,193	-5,410	-37%
El Cajon	97,985	93,988	-3,997	-4%
Encinitas	70,646	65,820	-4,827	-7%
Escondido	133,573	147,166	13,593	10%
Imperial Beach	17,952	19,402	1,450	8%
La Mesa	63,943	42,718	-21,225	-33%
Lemon Grove	22,733	20,162	-2,572	-11%
National City	61,122	52,239	-8,883	-15%
Oceanside	135,458	125,357	-10,101	-7%
Poway	56,414	50,937	-5,477	-10%
San Diego	1,723,501	1,296,725	-426,776	-25%
San Marcos	84,067	82,391	-1,676	-2%
Santee	60,281	49,617	-10,664	-18%
Solana Beach	19,240	14,033	-5,207	-27%
Unincorporated San Diego County	461,371	508,293	46,922	10%
Vista	110,040	91,904	-18,136	-16%
County Total	3,434,036	2,987,484	-446,553	-13%

Sources: 2010 Figures: CalRecycle

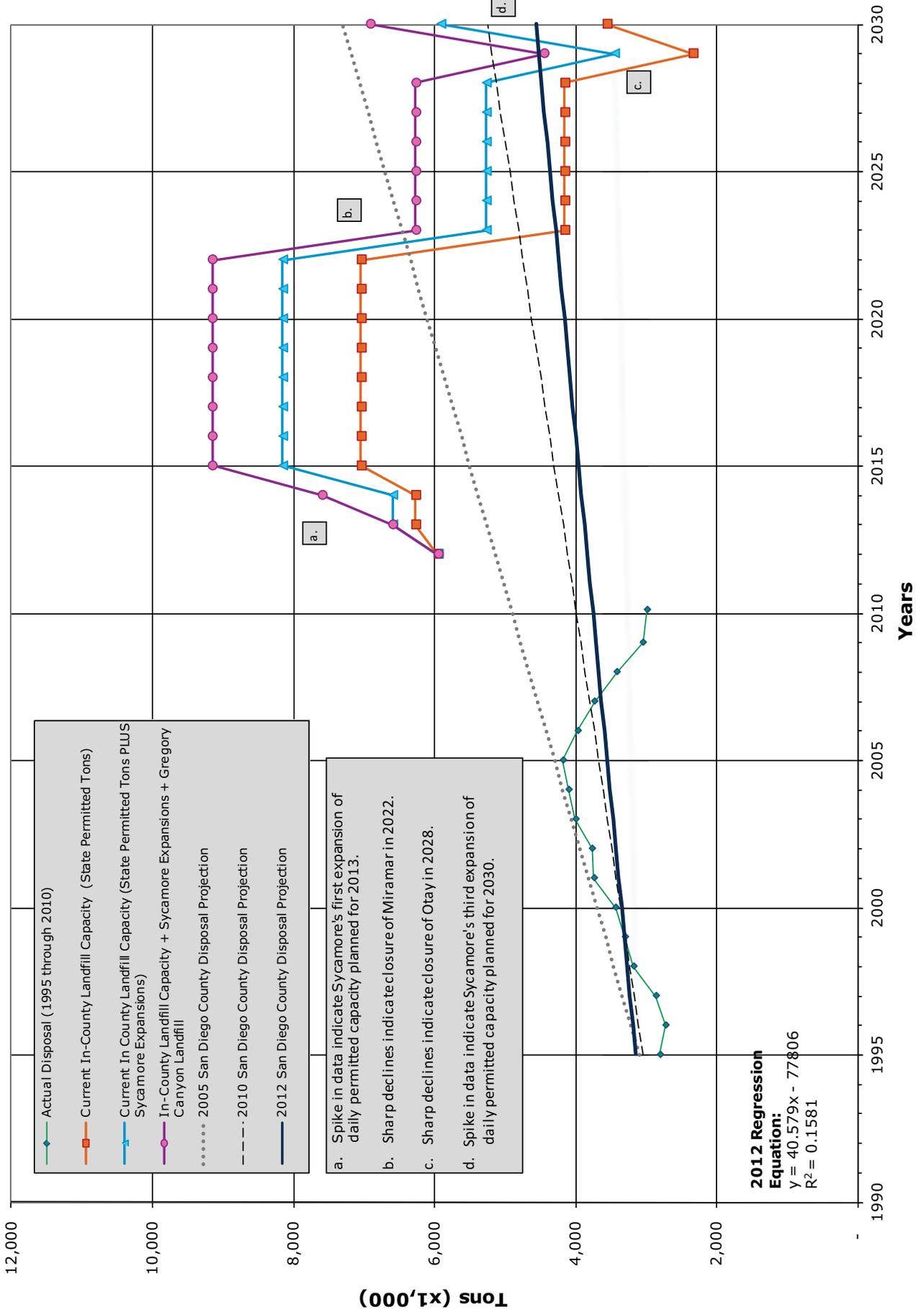
<http://www.calrecycle.ca.gov/LGCentral/Reports/DRS/Origin/WFOrgin.aspx>

Table 5 - Solid Waste Diversion and Per Capita Disposal Rates for all San Diego County Jurisdictions 1995 - 2009

Jurisdictions	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007		2008		2009		
														Target	Actual	Target	Actual	Target	Actual
Carlsbad	57%	48%	50%	44%	50%	59%	55%	55%	48%	57%	55%	57%	57%	8.4	7.0	8.4	6.5	8.4	5.8
Chula Vista	42%	42%	41%	39%	36%	34%	53%	54%	51%	50%	48%	54%	54%	5.3	4.7	5.3	4.2	5.3	4.0
Coronado	36%	27%	23%	12%	51%	56%	54%	53%	50%	57%	55%	54%	54%	12.0	11.6	12.0	11.4	12.0	10.0
Del Mar	40%	36%	35%	NA	NA	51%	50%	51%	54%	58%	52%	56%	56%	20.3	17.1	20.3	12.5	20.3	10.5
El Cajon	43%	51%	42%	60%	63%	55%	51%	50%	51%	54%	55%	59%	59%	7.4	6.2	7.4	5.9	7.4	5.1
Encinitas	46%	49%	51%	40%	47%	50%	49%	49%	48%	55%	54%	56%	56%	7.5	6.4	7.5	5.9	7.5	5.5
Escondido	49%	45%	48%	43%	43%	47%	42%	41%	49%	53%	49%	53%	53%	5.9	5.2	5.9	5.3	5.9	5.3
Imperial Beach	40%	41%	42%	40%	44%	50%	45%	48%	45%	49%	54%	57%	57%	4.0	3.0	4.0	2.5	4.0	2.5
La Mesa	47%	41%	50%	48%	42%	43%	45%	38%	30%	42%	50%	54%	54%	6.2	4.8	6.2	3.6	6.2	3.6
Lemon Grove	19%	34%	37%	7%	15%	39%	30%	31%	46%	52%	47%	44%	44%	4.7	4.7	4.7	4.6	4.7	4.1
National City	34%	48%	38%	38%	47%	53%	50%	52%	50%	53%	53%	53%	53%	6.9	5.4	6.9	5.1	6.9	5.0
Oceanside	48%	47%	49%	47%	47%	46%	45%	41%	40%	57%	58%	59%	59%	6.3	4.6	6.3	4.2	6.3	4.0
Poway	55%	56%	53%	51%	53%	65%	44%	57%	54%	56%	63%	62%	62%	8.6	7.3	8.6	6.7	8.6	5.7
San Diego	35%	45%	49%	46%	45%	48%	51%	44%	45%	52%	52%	55%	55%	8.4	7.1	8.4	6.3	8.4	5.7
San Marcos	47%	45%	51%	48%	44%	47%	42%	43%		52%	53%	57%	57%	8.9	6.6	8.9	5.9	8.9	5.3
Santee	39%	52%	45%	30%	35%	33%	36%	47%	47%	51%	54%	61%	61%	6.5	5.6	6.5	5.1	6.5	4.3
Solana Beach	48%	52%	53%	42%	47%	46%	50%	53%	50%	56%	56%	68%	68%	8.9	7.6	8.9	6.7	8.9	5.2
Unincorporated County	48%	45%	50%	45%	48%	44%	51%	54%	50%	50%	50%	54%	54%	6.8	7.2	6.8	6.8	6.8	5.7
Vista	43%	48%	55%	51%	42%	49%	50%	45%	34%	46%	41%	47%	47%	6.5	6.5	6.5	6.0	6.5	5.1
San Diego County Average	43%	45%	45%	41%	44%	48%	47%	48%	47%	53%	53%	56%	56%	7.9	6.8	7.9	6.1	7.9	5.4

Figure 1: San Diego Countywide Disposal Capacity

San Diego Countywide Disposal Capacity (1995 - 2030)



3.2 Changes in Quantities of Waste within the County or Regional Agency and Changes in Permitted Disposal Capacity and Waste Disposed in the County

Between 2000 and 2006, the quantity of solid waste generated within the County increased by 33%, totaling 2,154,506 tons (Table 3). 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. Although we do not have data on waste generation dating past 2006 for San Diego County, assumptions can be made that generation has slowed in the last six years since regional waste disposal has dropped significantly.

Countywide solid waste disposal dropped by thirteen percent (13%) between 2000 and 2010 (Table 4). Solid waste disposal increased from 2000 to 2006, but then fell more significantly between 2007 to 2010, ending with an overall decrease in waste disposal.

The 2005 Siting Element of the Countywide Integrated Waste Management Plan (CIWMP) measured an annual rate of increase in the disposal rate to landfills of approximately 5.4 percent from 1995 to 2003. At that time, the growth was expected to slow to a 3.4% increase per year from 2005 to 2017, accommodating projected changes in population growth (Figure 1), and assuming a 50 percent diversion rate.

In 2005, regression analysis predicted an increase from 3.7 million tons landfilled in 2002 to 6.1 million tons disposed in landfills by 2017. By 2017, county daily permitted tonnage at the landfills would be saturated. This analysis did not include proposed expansions at Sycamore Landfill. Considering the 2002 permitted daily tonnages, and predicted landfill expansions, plus exports minus predicted imports, the mean value of the regression predicted sufficient landfill space will be available until 2028.

In 2005, the proposed Gregory Canyon Landfill was assumed to come on line later that year, but opening has been delayed. In this analysis, Gregory Canyon is assumed to open in 2014, though the actual year is unclear.

In 2005 landfilled tonnages were at their peak in San Diego County, and tonnage has fallen dramatically from 2006 through 2010 by about one million tons. No single factor has been identified for this precipitous drop, but the economic recession has caused people and businesses to discard less waste. Another strong reason for the reduced landfilling 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 several new construction and demolition recycling ordinances and facilities.

The one million-ton decrease in solid waste disposal between 2006 and 2010 had a significant effect on the statistical prediction for landfill space needs in the county. The tonnage reduction

and a proposed major landfill expansion at Sycamore Landfill, have improved the county's overall disposal capacity (Figure 1).

Following the approved method of prediction in the previous Siting Element (2005) and Five-Year Review Report (2011), a linear regression model was used to plot future disposal trends by using disposal data from 1995 through 2010. The trend line projects a gradual increase in disposal from 2010 to 2030. The data fit a linear regression for predictability ($R^2 = 0.1581$) through the required 15 years estimation period (2012 – 2027).

Using the current tonnage figures through 2010 in Figure 1, the decrease in disposal tonnage from 2006 through 2010 resulted in approximately one million additional tons capacity, which equates to approximately two million cubic yards of additional landfill space.

Annual disposal is predicted to increase to approximately 4.5 million tons in 2030. The methods for the predictive model are as follows for Figure 1: (1) The annual disposal for years 1995 through 2010 was identified and plotted; (2) Regression analysis determined the slope ($y = 40.549x - 77806$), with an R^2 of 0.1581; (3), The total permitted daily landfill capacity for San Diego landfills, including Sycamore, Borrego, Otay, and Miramar was determined by consulting Local Enforcement Agencies and landfill operators. The total annual tonnage capacity of landfills was calculated by multiplying tons permitted daily and permitted days of operation per year.

Results

In Figure 1, the plotted line indicated with squares represents the total in-county capacity which the State currently permits, not including expansions or new landfills. The plotted line indicated by triangles represents the total in-county capacity which the State currently permits plus the Sycamore Landfill expansions assumed to begin in 2013. The following assumptions were made during this analysis.

- Permitted daily capacity provided by Local Enforcement Agencies was used to determine remaining landfill space. Note: permitted daily capacity is different than airspace and permits can and may be issued to expand capacity or days of operation.
- Otay Landfill has a closure date of 2028.
- Miramar Landfill has a closure date of 2022.
- Sycamore Landfill's permitted capacity will expand three times over the course of eighteen (18) years. It is assumed that by 2013 that 5,000 tons per day would be permitted. By 2015 permitted capacity would reach 7,500 tons per day. And lastly by 2030, daily permitted capacity would reach 11,450 tons per day.

Figure 1 illustrates that the County of San Diego has enough daily permitted disposal capacity for the next 17 years, thereby meeting the State requirements that the County maintain 15 years of disposal capacity. The disposal growth projection trend line and the permitted total capacity plot line, including the Sycamore Landfill expansions, cross in 2028 (Figure 1). When

these two lines cross, disposal will meet permitted capacity, and theoretically the region will be lacking sufficient local landfill capacity to meet solid waste disposal needs after 2028.

Additionally, it is important to note that recent State regulations and policy goals have the potential to increase future disposal capacity. AB341 sets a State policy goal to achieve 75% diversion by 2020 and mandates commercial, public entity and multifamily recycling as of July 1, 2012. CalRecycle's Strategic Directive 6.1 calls for a reduction of 50% in the amount of organic materials disposed by 2020. With efforts to meet these aggressive goals and continued improvements in recycling, there is a significant potential for increased diversion, resulting in even greater future disposal capacity.

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

3.3 Changes in Funding Source for Administration of the Siting Element and Summary Plan

Since approval of the CIWMP Siting Element and Summary Plan in September 2005, the County has not experienced any significant changes in funding sources for administration and therefore revision of the planning documents is not warranted

3.4 Changes in Administrative Responsibilities

Since the last approval of the CIWMP Siting Element and Summary Plan in September 2005 the County has not experienced any significant changes in administrative responsibilities. Revision of the planning documents is not warranted.

3.5 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's Electronic Annual Reports (EAR).
- Non-Disposal Facility Element (NDFE) - All jurisdictions are in compliance. The Unincorporated County NDFE was updated in November, 2008, and is anticipated to be updated in June 2012 to include a composting and chip and grind operation which is currently in the permit process.
- Countywide Siting Element (SE) - There has not been any changes of note since the 2011 CIWMP update.
- Summary Plan – There have been no significant information changes that would warrant amendment of the countywide Summary Plan.

3.6 Changes in Available Markets for Recycled Material

In February 2012, 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 availability of sustainable markets, both overseas and locally. In 2010, the concern was lower volumes of feedstock due to decreased economic activity. However, recycling markets in San Diego are now generally strong.
- Overseas markets continue to expand and diversify.

- Available markets for commodities remain favorable.
- When local recycling companies were asked to rate the recycling markets as either “Excellent,” “Good,” “Average,” “Fair,” or “Poor,” they responded that markets were “Good”.

3.7 Changes in the Implementation Schedule

No implementation schedule is warranted at this time.

4 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.

5 APPENDICES A, B, AND C.

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	✓
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.

April 25, 2012

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

RE: Certification of Completeness of Integrated Waste Management Plan Documents

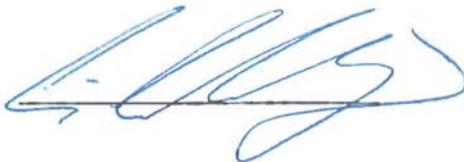
Dear Ms. Ewalt:

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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date



Management Analyst

April 25, 2012





Public Works Department

April 9, 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date

Environmental Services Program Manager April 9, 2012



CITY OF CORONADO

101 "B" Avenue
CORONADO, CALIFORNIA 92118-1510

DEPARTMENT OF PUBLIC SERVICES
(619) 522-7380

April 19, 2012

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

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

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 annual electronic reports to CalRecycle.

Authorized Signature

Title Public Services Technician

Date April 19, 2012



City of Del Mar



April 9, 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date

Mark Delin

Assistant City Manager

April 9, 2012



CITY OF EL CAJON

www.ci.el-cajon.ca.us

PUBLIC WORKS DEPARTMENT

May 2, 2012

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

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 annual electronic reports to CalRecycle.

Sincerely

Rob Turner
Deputy City Manager
Director of Public Works
City Engineer



*City of
Encinitas*

March 19, 2012

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

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 annual electronic reports to CalRecycle.

Should you have any questions regarding this matter, please do not hesitate to contact me at 760-633-2846.

Respectfully,

Bill Wilson
Management Analyst III
Public Works Department



Jerry Van Leeuwen
Director of Community Services
201 North Broadway, Escondido, CA 92025
Phone: 760-839-4691 Fax: 760-739-7015

May 23, 2012

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

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

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 annual electronic reports to CalRecycle.

Richard O'Donnell
Authorized Signature

Deputy Director of Maintenance and Operations
Title

May 23, 2012
Date



City of Imperial Beach, California

PUBLIC WORKS DEPARTMENT

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

2/15/2012

FEB 9 2 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

Environmental Program Specialist

Date

2/15/2012



March 13, 2012

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

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,

Scott Munzenmaier
Administrative Analyst II



CITY OF LEMON GROVE

"Best Climate On Earth"

Office of the City Manager

February 28, 2012

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

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 annual electronic reports to CalRecycle.

Graham Mitchell
City Manager



Mayor
Ron Morrison

Vice-Mayor
Alejandra Sotelo-Solis

Councilmembers

Luis Natividad

Mona Rios

Rosalie Zarate



Department of Public Works

Director

Joe H.A. Smith

Park Superintendent

Miguel Diaz

Facilities Maintenance
Supervisor

Rick Hernandez

May 3, 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date

A handwritten signature in blue ink that reads "Joe Smith".

Director of Public Works

May 3, 2012



CITY OF OCEANSIDE

WATER UTILITIES DEPARTMENT

June 23, 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

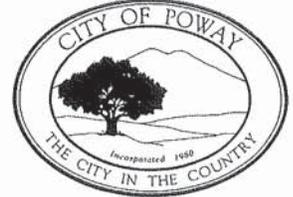
Title

Date

Solid Waste and Recycling Management Analyst June 23, 2012

CITY OF POWAY

DON HIGGINSON, Mayor
JIM CUNNINGHAM, Deputy Mayor
MERRILEE BOYACK, Councilmember
DAVE GROSCH, Councilmember
JOHN MULLIN, Councilmember



March 22, 2012

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

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 PRC 41780, and to revise the documents as necessary."

The City of Poway's Source Reduction and Recycling Element and Household Hazardous Waste Element are not in need of revision. All program changes and updates have been reported in the Annual Reports to the Department of Resources Recycling and Recovery (formerly the California Integrated Waste Management Board), as required by the Integrated Waste Management Act (AB929).

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,

Leah Browder
Director of Public Works

cc: Pam Gravel, Sr. Management Analyst



THE CITY OF SAN DIEGO

March 6, 2012

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

RE: Certification of Completeness of Integrated Waste Management Plan Documents

Dear Ms. Ewalt:

The City of San Diego has reviewed the elements of 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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date

Chris Gonaver

Environmental Services Director

3/2/12

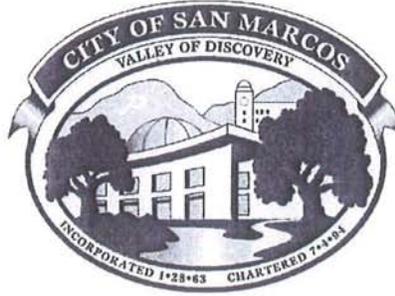
Office of the Director • Environmental Services Department

9601 Ridgehaven Court, Suite 210 • San Diego, CA 92123-1636

Tel (858) 573-1200 Fax (858) 492-5021



Administration
1 Civic Center Drive
San Marcos, CA 92069-2918



Tel: 760.744.1050
Fax: 760.744.9520
Web: www.San-Marcos.net

February 15, 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date

Julie Magee

Senior Management Analyst

2/15/12



CITY OF SANTEE

MAYOR
Randy Voepel

CITY COUNCIL
Jack E. Dale
Rob McNelis
John W. Minto
John Ryan

CITY MANAGER
Keith Till

February 17, 2012

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

RE: Certification of Completeness of Integrated Waste Management Plan Documents

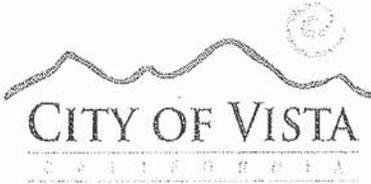
Dear Ms. Ewalt:

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 annual electronic reports to CalRecycle.

Sincerely,

KEITH TILL
City Manager

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



March 13, 2012

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

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 annual electronic reports to CalRecycle.

Authorized Signature

Title

Date



Management Analyst

3/13/12

Appendix B:

Responses to Public Comments

**COUNTY OF SAN DIEGO
FIVE-YEAR CIWMP/RAIWMP REVIEW REPORT
RESPONSES TO PUBLIC COMMENTS**

REPORT NAME: FIVE-YEAR CIWMP/RAIWMP REVIEW REPORT

In July and August 2012, the County of San Diego circulated the County of San Diego's five-year CIWMP/RAIWMP report to the Local Task Force Technical Advisory Committee and the Citizens Advisory Committee, as well as interested parties. This report is a review of the County of San Diego's solid waste planning documents and state mandated 15 years of landfill capacity for the region. Comments on the document were received from responsible agencies and the public. The comments and the County responses to comments are provided below.

- A. The Technical Advisory Committee submitted a letter on August 23rd, 2012 in support of the Five-Year CIWMP/RAIWMP Review Report with no comments.**
- B. The Citizens Advisory Committee voted, at its August 16th meeting, in support of the Five-Year CIWMP/RAIWMP Review Report with no comments.**
- C. Comments regarding the five year review report from the City of San Diego submitted on August 30, 2012.**

CITY OF SAN DIEGO Comment 1: The changes that we were proposing are related to the City's historical diversion rates. We disagree with the numbers that are on CalRecycle's website. We show the following as our official diversion numbers:

1995 – 39%
1996 – 46%
1999 – 46%
2001 – 45%

County Response to CITY OF SAN DIEGO Comment 1: The County appreciates your comment. Unfortunately, we did not receive CalRecycle approval to officially change the 5 year review document to reflect these diversion numbers. However, they will remain listed here in the comment/responses.

Appendix C:

Committee Approval Letters

**INTEGRATED WASTE
MANAGEMENT
TECHNICAL
ADVISORY
COMMITTEE**

MEMBER AGENCIES

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

Tara Gauthier
Local Assistance and Market Development
1001 I Street, P.O. Box 4025
Mail Stop 9-A
Sacramento, CA 95812

August 23, 2012

Dear Tara:

This letter is to inform you that the Integrated Waste Management Technical Advisory Committee (IWMTAC) reviewed the County of San Diego's Integrated Waste Management Plan five-year review draft during a 30-day review period and at the August 2012 IWMTAC meeting.

The committee voted to approve the draft while still giving each jurisdiction the option to submit changes directly to the County of San Diego.

Please feel free to contact IWMTAC staff member Joseph Coppola at (619) 691-5161 with any questions.

Sincerely,



Joshua Sino Cruz
October 2012 IWMTAC Meeting Chair

COUNTYWIDE INTEGRATED WASTE MANAGEMENT CITIZENS ADVISORY COMMITTEE

MEETING NOTICE AND AGENDA

NEW LOCATION

County of San Diego, DPW Conference Room,
5510 Overland Ave, San Diego, CA 92123
Conference Room 271 (located on the 2nd floor)
Contact for directions: Michael.Wonsidler@sdcounty.ca.gov
(858) 694-2465

September 18, 2012 (12:00 - 2:00)

Agenda

1. Welcome and Introductions
2. Approval, August 16, 2012 Minutes
3. Chairperson's Report
4. Staff Reports
 - Cities
 - County
5. Public Comments and Communication
6. State Mandated Planning Issues
 - AB 341 Reports
 - County Plans
7. Miramar Long Term Resource Management SP
8. City of San Diego Managed Competition progress to date
9. Regional Organic policy
 - Water Conservation
 - Food security
10. Legislative Update
11. Roundtable
12. Adjournment

Minutes of August 16, 2012 Citizens Advisory Committee

The meeting was held at County Office of Solid Waste Planning and Recycling.

1. The meeting was called to order at 12:18.

Attending: Richard Anthony, Greg Shideler, Robert Hill, Robert Laudy, Ryane Hughes, Mike Wonsidler, Julie Sands Tyne, Verne Scholl, David Switzer, Beryl Flom, Laura Silver, Anne Barron, Sandy Atkinson, Lynne France, Manuel Medrano, Aaron Lorell

2. Minutes of July 10, 2012.

It was M/S/C Flom/Silver to approve the minutes.

3. State Mandated Planning Issues (time certain 12:15)

AB 341 (Report from Cities and haulers on plan to get to 75%)

AB341-- Current status is that it is still in initial planning and definition stages, State looking for input from stakeholders and interested parties. 75% recycling is a major goal.

Ryane Hughes---

Allied Waste report focused on AB341 definitions and how calculations will be made. Underlying definition of diversion/recycling is changing. Recycling is goal not diversion. There are changes to what is base measurement, by 2020. Simply increasing the diversion rate is not enough to comply with AB341. Use of organics for ADC will change for instance.

Julie Sands---

City is well on way to meeting AB341 due to current policies. City collection is going out to bid, unclear how this will affect future compliance.

Bob Hill---

EDCO serves multiple cities in county unincorporated areas. EDCO is currently reevaluating customers to see where to boost recycling. Many customers are already recycling, EDCO providing info to base. 95% green waste going out of county, into Riverside. 400 tons / day is being diverted at La Mesa facility alone. Rigid plastics are being diverted. E-waste is being stepped up to higher percentage. C&D facility allows additional sorting to divert resources and to separate hazardous waste.

Mike Wondsidler---

County analyzed 75% plan, Organics is the key to increasing recycling. Lack of facilities for composting, AD etc... Question is how to pay for the needed changes. Increasing tip fees, beverage containers, wine/liquor. RMDZ needs additional funding. Funding may be cut to current programs. There may be some regulatory changes to streamline process/agency. CalRecycle may be merged within CalEPA. True cost may be added to products to reflect recycling costs. Packaging of products is concern and additional cost. Producer responsibility is another avenue being looked at.

Lynn---

Chula Vista—Its not clear what is the cost for the program. Carol of Cal Recycle says it is time for State to step up to help in meeting goals. State is really looking to push the program. Local jurisdictions may receive additional help and will not be penalized if currently doing everything under 939.

Waste Management

As a hauler WM is embracing the goals of AB341.

Mike---

State has had 2 public hearings/listening events. Short public notice and so far State just asking for input, so what else should be covered. Funding is going to be a big issue. Organics out of landfills, organics could be phased out in 5 years. Source reduction can be handled on a decentralized system.

General question for CAC... Can CAC come to consensus concerning some of these issues to forward to SANDAG and CalRecycle. Next meeting will focus on "The Plan" It was also suggested to use the feedback questionnaire from CalRecycle. Link here...

<http://www.calrecycle.ca.gov/75Percent/CommentForm.pdf>

4. Chairperson's Report

Annie Leonard did opening report at CRRRA.

Rick got invited to speak at Goodwill Industries conference. Goodwill is diverting resources. Some operations are over \$4 million/year. Goodwill Industries is a social enterprise organization. They are looking at a Zero Waste Policy. There was some discussion about Goodwill and thrift stores.

5. Staff Reports

Cities

Julie-- Collection division is going out to bid (outsourcing/managed competition)

City mitigations for climate action plan will be circulating next week. Neg Declaration has a 30 day public review period. Public comments on Climate Mitigation Adaptation Plan:

Negative Declaration due by September 19, 2012. Link here...

[http://docs.sandiego.gov/citybulletin_publicnotices/CEQA/PN1300%2520Climate%2520Mitigation%2520and%2520Adaptation%2520Plan%2520\(CMAP\)%2520Draft%2520ND%252008%252020%25202012.pdf](http://docs.sandiego.gov/citybulletin_publicnotices/CEQA/PN1300%2520Climate%2520Mitigation%2520and%2520Adaptation%2520Plan%2520(CMAP)%2520Draft%2520ND%252008%252020%25202012.pdf). Pride festival got fined for not meeting clean up requirement after event.

Chula Vista

City sent letters to businesses not recycling to comply with AB341. And they will send out second letter soon. The City will be opening up Household Hazardous Waste facilities in 2013.

County

County is looking to change some ordinances for 341. Making it easy to compost will part of this. There are Integrated Regional Water Management grants for conservation of water projects. There is a Strategic Integration Workshop coming up, Wednesday, September 12, 2012. They are looking for partner sites for projects. This involves round 2 Prop-84 funding. More info... <http://www.sdirwmp.org>

County Environmental Services have moved to new LEED building. 5510 Overland Ave. County moving offices, current building will become a Kaiser Hospital. The County will be finished moving by 2013. New building features environmentally friendly services; 400kW system on roof, food services, food composting.

A Oceanside composting facility has permitted to accept food scraps.

The Voice of San Diego Politifest sponsored by SDG&E will raise issues with Mayoral candidates. Send in ideas by Aug 30. Event on September 29. Link...

<http://www.voiceofsandiego.org/politifest/>

6 State Mandated Planning Issues

- Five year review report

Report is out for comments. There are only slight changes to previous plan. Disposal is available for more than 15 years. Staff requested comments or approval from CAC. It was M/S/C Scholl/ Barron to have CAC approve of the Five Year Review Report.

6. Public Comments and Communication

7. Miramar Long Term Resource Management SP

8. City of San Diego Privatization (outsourcing operations) progress to date

Collection services going out for bid

9. Regional Organic policy

10. Legislative Update

AB298 Grocery plastic ban is being voted on today.

1118 Mattress recycling bill. Changes are happening, bill unstable.

Lynn thinks it is poorly written.

2 Weeks left in legislative session.

11. Roundtable

Aaron Lorell, announced launching soon of -Post it local.org - for recycling/exchange. Post what you have/ what you want. It can stay private. He says it is a fast way to move items.

12. Adjournment 2:07p.m.

The next CAC meeting will be held Tuesday September 18th from 12-2pm at the new County building located at 5510 Overland Ave, San Diego, CA 92123 in Conference Room 271 (located on the 2nd floor).
Rick and Greg