



**Waste
Management
Commission
Local Task Force
Orange County, CA**

Cheryl Brothers*
Chair (2nd Dist.)

1st District
Bryan M. Starr
Margie Rice*
Xuan-Nhi Van Ho

2nd District
James Wahner
Daniel Worthington

3rd District
Bill Everest
Donald R. Froelich
John Beauman*

4th District
Art Brown*
Anthony J. Florentine
Peter K. Agarwal

5th District
Glenn Acosta
Joe Soto
Cynthia Connors*

League at Large
Don Bankhead*

*City Managers'
Representative*
Doug Chotkevys*

*Director, OC Waste &
Recycling*
Michael B. Giancola

*Appointed by Orange
County Division, League
of California Cities

REGULAR MEETING
Thursday, January 13, 2011, 2:00 P.M.
OC Waste & Recycling
Osborne Building, 300 N. Flower Street
Room B-10

AGENDA

If you wish to speak on an item contained in the agenda, please complete a Public Comment Form identifying the item(s) and submit it to the Commission Clerk. If you wish to speak on a matter which does not appear on the agenda, you may do so during the Public Comment period at the close of the meeting. Speaker forms are available at the sign-in table at the back of the room.

Pledge of Allegiance

Roll Call The Clerk of the Commission will call roll.

Chair's Report Chair Cheryl Brothers

Director's Report Michael B. Giancola, Director, OC Waste & Recycling

Agenda Items

Agenda Item 1: 2011 Waste Management Commission Election of New Officers
Summary: The Commission will elect the Chairman and Vice-Chairman for 2011.
Recommended Action: Elect a Chair and Vice-Chair for 2011

Agenda Item 2: Minutes of Waste Management Commission/Local Task Force, November 4, 2010
Summary: Review and approve minutes of November 4, 2010 WMC/LTF meeting.
Recommended Action: Review and approve minutes.

Agenda Item 3: Review 5-Year Countywide Integrated Waste Management Plan (CIWMP) and Minutes of CIWMP Committee Meeting, November 17, 2010
Summary: Review and approve CIWMP 5-Year update and minutes of November 17, 2010 CIWMP committee meeting.
Recommended Actions:
1. Approve the minutes of the CIWMP Five-Year Review Committee Meeting;
2. Approve the CIWMP Five-Year Review Report;
3. Approve transmittal of the Local Task Force comment letter and attachments to the California Department of Resource Recycling and Recovery (CalRecycle) and the 34 cities in Orange County;
4. Receive and file report.



WASTE MANAGEMENT COMMISSION/LOCAL TASK FORCE

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Agenda Item 4: AB 939 Report

Summary: Staff will present a written report on AB 939 programs, projects and issues.

Recommended Action: Receive and file report.

Agenda Item 5: Legislative and Regulatory Report

Summary: Staff will present a written report summarizing legislative activities that could impact operations of OC Waste & Recycling and provide updates on the SOON Grant.

Recommended Action: Receive and file report.

Commissioner Comments

Public Comment

At this time members of the public may address the Commission regarding any items within the subject matter jurisdiction of the Commission provided that NO action may be taken on off-agenda items unless authorized by law. When addressing the Commission, please state your name for the record prior to providing your comments. Please address the Commission as a whole through the Chair.

Comments shall be limited to three (3) minutes per person and up to twenty (20) minutes for all comments, at the discretion of the Chair and the approval of the Commission.

Copies of Waste Management Commission Agenda packets may be obtained from OC Waste & Recycling by any of the following methods:

- 1) By accessing the OC Waste & Recycling website at www.oclandfills.com and viewing the Waste Management Commission page.
- 2) By sending a written request to OC Waste & Recycling, 300 N. Flower, Suite 400, Santa Ana, CA 92703-5000;
- 3) By telephoning the OC Waste & Recycling Public Information Office at (714) 834-4176;
- 4) By sending an e-mail request to the OC Waste & Recycling Public Information Office at info@iwmd.ocgov.com.

NEXT MEETING: Thursday, March 10, 2011, 2:00 P.M.



Agenda Item 1 – *2011 Waste Management Commission Election of New Officers*

Bylaws of the Orange County Waste Management Commission, Article VI, Officers and Duties specifies:

Section I - Officers

The officers of the Commission shall be the Chairman and Vice-Chairman, to be elected annually at the first regular meeting of the new year which shall be designated the annual meeting.

Section II – Term of Office

The officers shall hold office for a period of one year, beginning at the close of the annual meeting. No officer shall succeed himself in office.

Recommended Action: Elect the Chairman and Vice-Chairman for 2011.



Agenda Item 2 - Minutes of Waste Management Commission/ Local Task Force, November 4, 2010

Commissioners Roll (√ Indicates Present)

<u>1st District</u>	<u>2nd District</u>	<u>3rd District</u>	<u>4th District</u>	<u>5th District</u>
√ Bryan M. Starr	√ Cheryl Brothers	√ William Everest	√ Anthony Florentine	√ Glenn Acosta
√ Pat McGuigan	√ Daniel Worthington	√ Donald Froelich	Art Brown	√ Joe Soto
√ Margie Rice	√ James Wahner	John Beauman	√ Peter Agarwal	√ Cynthia Conners
Doug Chotkevys - <i>League of Cities, City Manager</i>		√ Don Bankhead - <i>League of Cities, At Large Representative</i>		
√ Mike Giancola, Director, OC Waste & Recycling				

Also Present

Phil Anthony	SWAOC	Chip Monaco	OC Waste & Recycling
Marlene Brajdic	OC Waste & Recycling	Holly Pham	OC Waste & Recycling
Jane Caswell	OC Waste & Recycling	Isabel Rios	OC Waste & Recycling
Julie Chay	OC Waste & Recycling	David Ross	Waste Management
Christine Knapp	OC Waste & Recycling	David Tieu	OC Waste & Recycling
Maria Lazaruk	CR&R	Alan Yuki	OC Waste & Recycling

Call to Order

Chairwoman Cheryl Brothers called the meeting to order at 2:00 p.m.

Pledge of Allegiance

The recitation of the Pledge of Allegiance was led by Commissioner Bankhead.

Roll Call

Roll call was conducted by the Commission Clerk.

Chair's Report

Chairwoman Brothers had no report for this meeting.

Director's Report

Director Mike Giancola thanked those who attended the "Dine at the Dump" event, which raised about \$6,000 for the United Way.

Agenda Item 1: Minutes of the November 4, 2010, Waste Management Commission Meeting

The minutes were approved as submitted.

Agenda Item 2: OC Waste & Recycling First Quarter Financial Report for Fiscal Year 2010/2011

Staff member Alan Yuki presented the report and answered questions.

The report was received and filed.

Agenda Item 3: AB 939 Report

Recycling and Environmental Programs Manager, Isabel Rios, presented the latest report on the County's recycling, noting several Public Education and Outreach events. Special emphasis was given to the E-waste event taking place November 5 and 6, noting that it is an additional opportunity to dispose of surplus electronics. More importantly, the event is open to businesses, unlike our Household Hazardous Waste Collection Centers.

Ms. Rios also noted that the Request for Proposals (RFP) for a redesign of the countywide Disposal Reporting System would be going to the Board of Supervisors for award. Commissioners requested to be kept apprised of the status of the solicitation and subsequent implementation of the Disposal Reporting System. Sue Gordon from Rainbow Disposal requested that waste hauler input be taken into consideration in the development of the new DRS.

The city-by-city update on AB 939 compliance was attached to the report as requested by Commissioners at the September meeting. Ms Rios answered commissioners' questions on the report.

The report was received and filed.

Agenda Item 4: Legislative and SOON Grant Report

Civil Engineer David Tieu presented the legislative report and the SOON grant status. He also fielded questions about the upcoming legislative session.

The report was received and filed.

Commissioner Comments

None.



Agenda Item 3 – *Countywide Integrated Waste Management Plan Five-Year Review - Christine Knapp, Manager, Recycling Programs*

The California Integrated Waste Management Act of 1989 (AB 939) requires cities and counties in California to reduce the amount of waste disposed of in landfills by 50 percent by the year 2000 through source reduction, recycling, and composting activities. The Countywide Integrated Waste Management Plan (CIWMP) is the guiding document for attaining these goals. The CIWMP consists of four elements and a summary plan:

- Source Reduction and Recycling Element (SRRE),
- Household Hazardous Waste Element (HHWE)
- Non-Disposal Facility Element (NDFE)
- County Siting Element (SE)
- Summary Plan (SP)

OC Waste & Recycling is required to review its CIWMP at least once every five years to correct any deficiencies in the elements or the plan and revise the documents, as necessary. The review is to be completed by the Waste Management Commission (WMC) acting as the AB 939 Local Task Force (LTF) to assure that the County's waste management practices remain consistent with the waste management requirements. The issues to be addressed in the CIWMP review report are, at minimum; changes in the goals, objectives, policies, waste management infrastructure, funding sources and responsible administrative organizational units.

The original County of Orange CIWMP was presented to the WMC LTF, was adopted by the cities and the County, and approved by the California Department of Resource Recycling and Recovery (CALRecycle) in March 1996. Two subsequent Five-Year reviews have been completed. In both cases, the WMC LTF found that the overall CIWMP framework was still applicable and accurately described. The WMC LTF concluded that no revisions were required. The State approved the review of the Orange County CIWMP Five Year review on May 15, 2007.

To comply with the above requirements, an ad hoc committee of the WMC LTF was established to review the adequacy of the CIWMP Five-Year Review and provide comments as required by the State.

Attachments:

- Attachment A: The minutes from the CIWMP Five-Year Review Committee Meeting
Attachment B: The CIWMP Five-Year Review Report
Attachment C: The Transmittal Letter of the Local Task Force

Recommended Actions:

1. Approve the minutes of the CIWMP Five-Year Review Committee Meeting;
2. Approve the CIWMP Five-Year Review Report;
3. Approve transmittal of the Local Task Force comment letter and attachments to the California Department of Resource Recycling and Recovery (CalRecycle) and the 34 cities in Orange County;
4. Receive and file report.

Attachment A



Orange County Waste Management Commission

Countywide Integrated Waste Management Plan (CIWMP) Committee

Minutes of Meeting November 17, 2010

Committee Members Present: Chair Cheryl Brothers (chaired the meeting), Commissioner Bill Everest, Commissioner Donald Froelich, Commissioner Bryan Starr, and Commissioner Daniel Worthington.

Excused Absence: Commissioner Cynthia Conners

Staff Present: Isabel Rios, Christine Knapp, Holly Pham, and Julie Chay

The CIWMP Committee met on Wednesday, November 17, 2010, to review the Five-Year CIWMP update.

Item 1: Five-Year Review of the Countywide Integrated Waste Management Plan (CIWMP)

Staff presented the draft CIWMP to the Committee. The Committee reviewed and noted comments.

- 1) Page 5 of 19 - Change 2009 taxable sales to 51,248,375.
- 2) Page 6 of 19 - Add total to table.
- 3) Page 8 of 19 - Check with Jennifer Wallin of CALRecycle to determine whether or not census data has been used in analysis to determine pounds per person per day. (The answer is no at this time.)
- 4) Page 9 of 19 - Correct item "b." Sentence makes no sense.
- 5) Page 9 of 19 – Label Table: Total Tons per City per Year.
- 6) Page 11 of 19 – Increase font of Table Heading, add footnote #3 in Los Alamitos 2009 figure, and round off digits to two decimal points, add "to correct a reporting error" to footnote #3.
- 7) Page 12 of 19 – How does state calculate disposal capacity?
- 8) Request for information regarding diversion percentages.

Staff will incorporate the Committee's comments to the plan and then prepare a final plan for presentation to the January 13, 2011, Waste Management Commission meeting.

The meeting adjourned at 4:25 p.m.

Attachment B

STATE OF CALIFORNIA
CalRecycle 709 (Rev. 03/10)

DEPARTMENT OF RESOURCES RECYCLING
AND RECOVERY (CalRecycle)

Five-Year CIWMP/RAIWMP Review Report Template

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. This Five-Year CIWMP/RAIWMP Review Report template was developed in an effort to provide a cost-effective method to streamline the Five-Year CIWMP/RAIWMP review, reporting and approval process.

The purpose of this template is to document compliance with these regulatory review and reporting requirements. The County or regional agency may use this template as a tool in its review, including obtaining Local Task Force (LTF) comments, on areas of the CIWMP or RAIWMP that need revision, if any. It can also be finalized based on these comments and submitted to CalRecycle as the County or regional agency’s Five-Year CIWMP or RAIWMP Review Report.

The [Five-Year CIWMP/RAIWMP Review Report Template Instructions](#) describe each section of this template and provide general guidelines with respect to preparing the report. Completed and signed reports should be submitted to the CalRecycle's Division of Local Assistance & Market Development (LAMD) at the address below. Please know that upon submittal, LAMD staff may request additional information if the details provided in this form are not clear or are not complete. Within 90 days of receiving a *complete* Five-Year CIWMP/RAIWMP Review Report, LAMD staff will review the request and prepare their findings for CalRecycle consideration for approval.

If you have any questions about the Five-Year CIWMP/RAIWMP Review process or how to complete this form, please contact your LAMD representative at (916) 341-6199. Mail completed and signed Five-Year CIWMP/RAIWMP Review Reports to:

Dept. of Resources Recycling & Recovery
Local Assistance & Market Development, MS-25
P. O. Box 4025
Sacramento, CA 95812-4025

To edit & customized this form, the editing restrictions (filling in forms) must be disengaged. Select the Review tab, Protect Document, then Restrict Formatting and Editing (editing restrictions). There is no password (options). Please contact your LAMD representative at (916) 341-6199 with related questions..

General Instructions Please complete Sections 1 through 8, and all other applicable subsections.

SECTION 1.0 COUNTY OR REGIONAL AGENCY INFORMATION			
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 Orange	County Orange		
Authorized Signature	Title Manager of Recycling and Environmental Programs		
Type/Print Name of Person Signing Isabel Rios	Date	Phone (714) 834-4118	
Person Completing This Form (please print or type) Christine Knapp	Title Manager of Recycling Programs	Phone (714) 834-4165	
Mailing Address 300 North Flower Street, Suite 400	City Santa Ana	State CA	Zip 92703
E-mail Address Christine.Knapp@ocwr.ocgov.com			

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SECTION 2.0 BACKGROUND

This is the County's third Five-Year Review Report since the approval of the CIWMP or RAIWMP.

The following changes have occurred since the approval of the County's planning documents or the last Five-Year CIWMP or RAIWMP Review Report (whichever is most recent).

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

- New city (name(s) _____)
- Other annexation of part of unincorporated area

Additional Information (optional):

- On August 2, 2010, the City of Huntington Beach City Council voted to annex the unincorporated area of Sunset Beach, starting in January of 2011.

SECTION 3.0 LOCAL TASK FORCE REVIEW

1. The Local Task Force includes:

LOCAL TASK FORCE

Name	Representative Of (e.g., City or County)
Glenn Acosta	Board of Supervisors, Fifth District
Peter K. Agarwal	Board of Supervisors, Fourth District
Don Bankhead	League, Third District
Vacant	League, at Large
Brothers, Cheryl	League, Second District
Brown, Art	League, Fourth District
Doug Chotkevys	League, at Large
Conners, Cynthia	League, Fifth District
Bill Everest	Board of Supervisors, Third District
Anthony J. Florentine	Board of Supervisors, Fourth District
Donald R. Froelich	Board of Supervisors, Third District
Pat McGuigan	Board of Supervisors, First District
Margie Rice	League, First District
Joe Soto	Board of Supervisors, Fifth District
Bryan M. Starr	Board of Supervisors, First District
Jim Wahner	Board of Supervisors, Second District
Daniel Worthington	Board of Supervisors, Second District

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

At the Novembmer 17, 2011 LTF meeting. Electronically (fax, e-mail) Other
(Explain): _____

- b. The County received the written comments from the LTF on January 13, 2011.

- c. A copy of the LTF comments:

Is included as Appendix A.
 Was submitted to CalRecycle on _____.

**SECTION 4.0 TITLE 14, CALIFORNIA CODE OF REGULATIONS SECTION 18788 (3)
(A) THROUGH (H)**

The subsections below address not only the areas of change specified in the regulations, but also provide specific analysis regarding the continued adequacy of the planning documents in light of those changes, including a determination regarding any need for a revision to one or more of the planning documents.

Section 4.1 Changes in Demographics in the County or Regional Agency

When preparing the CIWMP or RAIWMP Review Report, the County or regional agency must address at least the changes in demographics. The following resources are provided to facilitate this analysis.

1. Demographic data, including population, taxable sales, employment, and consumer price index, are available at (<http://www.calrecycle.ca.gov/LGCentral/Tools/DivMeasure/JuAdjFac.asp>).

COUNTY OF ORANGE DEMOGRAPHIC INFORMATION

Year	Consumer Price Index (CPI)	CPI Measurement Level *	Population	Taxable Sales (x \$1,000)	Labor Force Employment*	Industry Employment*
1990	135.9	LA	2,410,668	27,767,317	1,282,100	1,179,000
1991	141.4	LA	2,435,400	26,474,932	1,223,100	1,150,800
1992	146.5	LA	2,485,200	26,524,266	1,220,900	1,133,200
1993	150.3	LA	2,531,100	26,837,111	1,238,600	1,122,700
1994	152.3	LA	2,563,100	28,276,259	1,258,500	1,133,800
1995	154.6	LA	2,590,100	29,946,531	1,263,300	1,158,000
1996	157.5	LA	2,625,300	32,533,206	1,285,200	1,191,000
1997	160	LA	2,672,800	34,921,357	1,339,800	1,240,700
1998	162.3	LA	2,724,500	37,108,350	1,394,000	1,305,700
1999	166.1	LA	2,776,100	40,366,090	1,432,700	1,352,200
2000	171.6	LA	2,829,800	44,462,460	1,473,800	1,396,500
2001	177.3	LA	2,880,161	44,595,314	1,490,800	1,420,800
2002	182.2	LA	2,930,500	44,869,156	1,496,100	1,410,700
2003	187	LA	2,975,400	47,517,066	1,515,900	1,432,400
2004	193.2	LA	3,022,613	51,682,059	1,518,900	1,466,900
2005	201.8	LA	3,047,054	55,063,246	1,541,800	1,496,200
2006	210.4	LA	3,071,924	57,202,747	1,568,300	1,525,500
2007	212.3	LA	3,077,656	57,293,471	1,599,500	1,543,800
2008	211	LA	3,104,046	53,606,829	1,620,900	1,515,100
2009	216.23	LA	3,134,858	51,248,375	1,579,400	1,427,600

Year	Consumer Price Index (CPI)	CPI Measurement Level *	Population	Taxable Sales (x \$1,000)	Labor Force Employment*	Industry Employment*
2010	218.8	LA	3,166,461	not available	1,611,000	1,456,100

2. The [Demographic Research Unit](#) of the California Department of Finance is designated as the single official source of demographic data for State planning and budgeting (e.g., E-5 City/County Population and Housing Estimates under *reports and research papers*).

ORANGE COUNTY DWELLINGS 1990-2010

Jurisdiction	1990 Single Family Dwellings	2010 Single Family Dwellings	% Change	1990 Multi-Family Dwellings	2010 Multi-Family Dwellings	% Change	1990 Mobile Homes	2010 Mobile Homes	% Change
Aliso Viejo	N/A	11,540	N/A	N/A	6,652	N/A	N/A	15	N/A
Anaheim	46,293	52,797	12.32	42,580	46,060	7.56	4,304	4,385	1.85
Brea	7,949	9,605	17.24	3,805	4,117	7.58	894	869	-2.80
Buena Park	15,201	16,375	7.17	7,682	7,857	2.23	317	291	-8.20
Costa Mesa	18,720	20,028	6.53	19,649	20,854	5.78	1,242	1,081	-12.96
Cypress	11,383	12,912	11.84	2,959	3,371	12.22	373	364	-2.41
Dana Point	9,096	10,231	11.09	5,310	5,453	2.62	260	299	13.04
Fountain Valley	14,316	14,733	2.83	3,314	3,794	12.65	389	398	2.26
Fullerton	25,499	28,059	9.12	16,667	18,229	8.57	790	921	14.22
Garden Grove	29,476	31,349	5.97	14,538	14,440	-0.68	1,943	1,828	-5.92
Huntington Beach	43,441	48,086	9.66	26,095	26,833	2.75	3,200	3,141	-1.84
Irvine	28,460	42,743	33.42	12,793	37,246	65.65	968	1,022	5.28
La Habra	11,149	12,369	9.86	6,756	6,870	1.66	765	734	-4.05
La Palma	3,907	4,019	2.78	1,025	1,091	6.05	3	27	88.88
Laguna Beach	8,331	9,098	8.43	4,064	8,860	54.13	451	324	-28.16
Laguna Hills	N/A	8,056	N/A	N/A	2,880	N/A	N/A	217	N/A
Laguna Niguel	14,410	18,968	24.03	4,578	6,051	24.34	4	16	75.00
Laguna Woods	N/A	4,873	N/A	N/A	8,864	N/A	N/A	26	N/A
Lake Forest	N/A	18,088	N/A	N/A	7,010	N/A	N/A	1286	N/A
Los Alamitos	2,230	2,209	-0.95	1,968	2,084	5.57	114	129	11.63

Jurisdiction	1990 Single Family Dwellings	2010 Single Family Dwellings	% Change	1990 Multi-Family Dwellings	2010 Multi-Family Dwellings	% Change	1990 Mobile Homes	2010 Mobile Homes	% Change
Mission Viejo	22,553	28,504	20.88	3,833	5,685	32.58	7	89	92.13
Newport Beach	20,767	26,633	22.03	13,147	16,019	17.93	947	863	8.87
Orange	25,359	30,628	17.2	11,445	12,660	9.6	1,214	1,339	9.34
Placentia	9,516	11,911	20.11	3,686	4,071	9.46	531	587	9.54
Rancho Santa Margarita	N/A	13,000	N/A	N/A	3,792	N/A	N/A	0	0.00
San Clemente	11,232	18,299	38.62	7,071	8,596	17.7	423	402	-4.96
San Juan Capistrano	6,915	8,571	19.32	1,486	1,847	19.55	1,211	1,526	20.64
Santa Ana	39,067	40,969	4.64	32,103	31,065	-3.34	3,830	3,909	2.02
Seal Beach	5,598	6,832	18.06	8,681	7,550	-14.98	128	164	21.95
Stanton	4,541	4,977	8.76	4,855	4,997	2.84	1,359	1,262	-7.14
Tustin	7,881	13,419	41.27	10,717	12,093	11.38	702	908	22.69
Villa Park	1,956	2,012	2.78	9	6	-33.33	1	5	80.00
Westminster	16,368	17,482	6.37	6,602	7,078	6.73	2,922	3,068	4.76
Yorba Linda	15,303	19,794	22.69	1,736	1,998	13.12	302	311	2.89
Unincorporated	62,016	32,717	-47.24	25,173	5,473	-78.26	2,205	306	-86.12
Totals	538,933	651,886	17.33%*	304,327	361,546	15.83%*	31,799	32,112	0.98%

*Note: The percentages were calculated by comparing 1990 figures to 2010 figures.
Source: City/County Population And Housing Estimates, 1991-2000, with 1990 Census Counts (CA Department of Finance), E-5 City / County Population and Housing Estimates, 2005, Revised 2001-2004, with 2000 DRU Benchmark (CA Department of Finance).

- The Department of Finance’s Demographic Research Unit also provides a list [State Census Data Center Network Regional Offices](#).

POPULATION

Population For Each Jurisdiction	1990	2010	% Change
City of Aliso Viejo Population	N/A	46,123	100
City of Anaheim Population	266,406	353,643	24.67
City of Brea Population	32,873	40,377	18.54
City of Buena Park Population	68,784	84,141	18.25
City of Costa Mesa Population	96,357	117,178	17.77
City of Cypress Population	42,655	49,981	14.66
City of Dana Point Population	31,896	37,326	14.56
City of Fountain Valley Population	53,691	58,741	8.6

Population For Each Jurisdiction	1990	2010	% Change
City of Fullerton Population	114,144	138,610	17.65
City of Garden Grove Population	142,965	175,618	18.59
City of Huntington Beach Population	181,519	203,484	10.79
City of Irvine Population	110,330	217,686	49.32
City of La Habra Population	51,266	63,184	18.86
City of La Palma Population	15,392	16,304	5.59
City of Laguna Beach Population	23,170	25,354	8.61
City of Laguna Hills Population	N/A	33,593	100
City of Laguna Niguel Population	44,723	67,666	33.91
City of Laguna Woods Population	N/A	18,747	100
City of Lake Forest Population	N/A	78,720	100
City of Los Alamitos Population	11,788	12,270	3.93
City of Mission Viejo Population	72,820	100,725	27.7
City of Newport Beach Population	66,643	86,738	23.17
City of Orange Population	110,658	142,708	22.46
City of Placentia Population	41,259	52,305	21.12
City of Rancho Santa Margarita Population	N/A	49,945	100
City of San Clemente Population	41,100	68,763	39.26
City of San Juan Capistrano Population	26,183	37,233	29.68
City of Santa Ana Population	293,827	357,754	17.87
City of Seal Beach Population	25,098	26,010	3.51
City of Stanton Population	30,491	39,799	23.39
City of Tustin Population	50,689	75,773	33.11
City of Villa Park Population	6,299	6,307	0.13
City of Westminster Population	78,293	94,273	16.95
City of Yorba Linda Population	52,422	69,273	24.33
Unincorporated Population	226,927	120,088	-88.97
Countywide Population	2,410,668	3,046,373	20.87

Analysis

- The demographic changes since the development of the CIWMP or RAIWMP do not warrant a revision to any of the Countywide planning documents.
- These demographic changes since the development of the CIWMP or RAIWMP warrant a revision to one or more of the Countywide planning documents. See the revision schedule in Section 7.

Additional Analysis (optional):

- The data in the following charts indicates, the changes in the County of Orange have largely been increases in population in the single family residences. Since the majority of jurisdictions in Orange County offer curbside residential recycling and green waste bins,

- the additions of single family homes has been incorporated into the existing waste programs.
- Multi-family and commercial waste management has been an on-going issue with many of the larger cities. Some of the challenges include: limited space for recycling bins, lack of city ordinances or contract terms making multi-family and commercial recycling mandatory, and/or the increased financial cost to launch such programs. Additional CalRecycle outreach and workshops as a result of AB 32 have increased awareness of these issues.
 - The County of Orange has been a proud partner to our city jurisdictions and over the past five years has awarded 3.5 million dollars in self-haul surcharge grant programs to jurisdictions and local school districts and schools to promote recycling, increasing diversion and landfill capacity.

Section 4.2 Changes in Quantities of Waste within the County or Regional Agency; and Changes in Permitted Disposal Capacity and Waste Disposed in the County or Regional Agency

A number of tools to facilitate the analysis and review of such changes in the waste stream are available from the following CalRecycle sources.

1. Various statewide, regional and local disposal reports are available at <http://www.calrecycle.ca.gov/LGCentral/Reports/DRS/Default.aspx>.
 - a. CalRecycle's [Disposal Reporting System](#) tracks and reports the annual estimates of the disposal amounts for jurisdictions in California; additional California solid waste [statistics](#) are also available.
 - b. CalRecycle's [Waste Flow by Destination or Origin](#) reports include solid waste disposal, export, and alternative daily cover. The reports show how much waste was produced within the boundaries of an individual city, or within all of the cities comprising a County or regional agency. This data also covers waste disposed at a particular facility, or at all of the facilities within County or regional agency.
2. The [Waste Characterization Database](#) provides estimates of the types and amounts of materials in the waste streams of individual California jurisdictions in 1999.
3. CalRecycle's [Countywide, Regionwide, and Statewide Jurisdiction Diversion Progress Report](#) provides both summary and detailed information on compliance, diversion rates/50% equivalent per capita disposal target and rates, and waste diversion program implementation for all California jurisdictions. Diversion program implementation summaries are also available at <http://www.calrecycle.ca.gov/LGCentral/Tools/PARIS/jurpgmsu.asp> and <http://www.calrecycle.ca.gov/LGCentral/Reports/DiversionProgram/jurhist.aspx>.

Together, these reports help illustrate changes in the quantities of waste within the County or regional agency as well as in permitted disposal capacity. This information also summarizes each

jurisdiction's progress in implementing the Source Reduction and Recycling Element (SRRE) and complying with the 50% diversion rate requirement (now calculated as 50% equivalent per capita disposal target), see [Per Capita Disposal and Goal Measurement \(2007 and Later\)](#) for details.

TONS OF WASTE DISPOSED PER YEAR PER CITY

Tons Per Year	1990	2004	2005	2006	2007	2008	2009
Aliso Viejo	-	37,027	38,565	27,695	20,386	18,405	17,474
Anaheim	563,443	480,556	513,938	507,694	479,960	423,794	373,613
Brea	99,358	87,553	94,409	79,569	73,346	66,377	64,471
Buena Park	124,430	107,084	105,267	94,298	85,015	80,635	73,426
Costa Mesa	128,396	156,466	152,761	137,281	140,919	128,102	110,194
Cypress	74,077	58,413	80,018	73,006	63,727	62,411	31,970
Dana Point	50,139	55,591	50,821	45,655	41,651	36,009	31,970
Fountain Valley	99,369	73,441	67,454	62,959	54,189	45,191	43,566
Fullerton	272,140	188,655	188,343	168,802	159,250	139,106	120,987
Garden Grove	282,281	192,635	199,737	191,560	181,198	166,311	165,643
Huntington Beach	335,278	288,253	302,653	233,419	201,828	194,928	168,857
Irvine	182,187	316,766	332,971	312,804	319,725	257,982	214,695
La Habra	77,711	75,106	87,683	69,120	59,029	59,762	53,014
La Palma	17,885	13,157	15,032	13,081	11,459	9,086	10,394
Laguna Beach	48,892	63,870	62,877	51,448	47,828	40,181	34,610
Laguna Hills	45,221	45,060	37,818	33,339	31,687	25,658	20,403
Laguna Niguel	70,153	79,999	71,818	61,901	59,511	51,451	44,937
Laguna Woods	-	12,689	13,635	8,435	13,886	15,573	13,239
Lake Forest	78,641	97,901	104,313	96,386	96,005	82,996	69,770
Los Alamitos	26,849	26,870	24,133	19,862	18,886	17,880	26,275
Mission Viejo	110,104	104,906	105,082	86,950	86,136	73,464	65,501
Newport Beach	175,131	144,166	156,831	114,839	118,633	106,238	87,298
Orange	252,600	231,112	233,442	218,271	193,700	180,290	164,162
Placentia	85,973	62,596	64,968	60,026	54,371	50,266	45,159
Rancho Santa Margarita	-	57,816	53,895	38,359	38,998	32,238	29,575
San Clemente	46,316	85,147	78,849	65,192	67,899	57,270	50,571
San Juan Capistrano	39,432	77,051	75,938	87,359	56,495	43,936	36,665
Santa Ana	436,395	396,112	419,326	401,576	358,931	333,967	304,905
Seal Beach	42,912	34,416	35,900	30,932	28,5287	20,604	25,359
Stanton	46,523	45,974	42,221	43,338	40,806	39,578	38,109
Tustin	80,372	119,908	94,332	74,474	61,673	81,915	40,754

Tons Per Year	1990	2004	2005	2006	2007	2008	2009
Villa Park	14,747	9,177	9,041	7,917	6,152	5,397	4,703
Westminster	94,805	86,678	99,780	89,087	78,578	62,067	70,110
Yorba Linda	109,126	114,786	111,747	90,411	69,972	67,173	65,003
Uni. County	209,049	169,872	165,408	165,101	128,024	126,629	110,157
Countywide	4,439,834	4,019,242	4,290,785	3,862,255	3,548,340	3,202,870	2,827,539

ORANGE COUNTY DIVERSION RATES BY JURISDICTION 2007-2009

	Jurisdiction	City Targets (50% equivalent expressed in pounds per person per day) Issued by CalRecycle	Year 2007 Annual - (Disposal pounds divided by population)	Year 2008 Annual - (Disposal pounds divided by population)	Year 2009 Annual - (Disposal pounds divided by population) ²	Year 2009 Pounds target exceeded
1	Aliso Viejo	3.3	2.5	2.2	2.1	1.2
2	Anaheim	8.2	7.6	7.6	5.9	2.3
3	Brea	11.5	10.1	9.1	8.8	2.7
4	Buena Park	6.3	5.7	5.4	4.8	1.5
5	Costa Mesa	8.5	6.8	6.2	5.1	3.4
6	Cypress	9	7.1	6.9	6.6	2.4
7	Dana Point	7.3	6.2	5.4	4.7	2.6
8	Fountain Valley	6.9	5.2	4.3	4.1	2.8
9	Fullerton	7.9	6.4	5.6	4.8	3.1
10	Garden Grove	6.6	5.8	5.3	5.2	1.4
11	Huntington Beach	10.4	5.5	5.3	4.6	5.8
12	Irvine	10.1	8.8	6.8	5.5	4.6
13	La Habra	6.5	5.2	5.3	4.7	1.8
14	La Palma	5.1	3.9	3.1	3.5	1.6
15	Laguna Beach	12.7	10.5	8.8	7.5	5.2
16	Laguna Hills	5.8	5.2	4.2	3.3	2.5
17	Laguna Niguel	6.6	4.9	4.2	3.7	2.9
18	Laguna Woods	3.9	3.7	4.6	3.9	0.0
19	Lake Forest	10.6	6.8	5.8	4.9	5.7
20	Los Alamitos*	10.8	8.6	8.1	11.8 (footnote 3)	-1.0

	Jurisdiction	City Targets (50% equivalent expressed in pounds per person per day) Issued by CalRecycle	Year 2007 Annual - (Disposal pounds divided by population)	Year 2008 Annual - (Disposal pounds divided by population)	Year 2009 Annual - (Disposal pounds divided by population) ²	Year 2009 Pounds target exceeded
21	Mission Viejo	5.7	4.8	4.1	3.6	2.1
22	Newport Beach	9.6	7.8	6.9	5.5	4.1
23	Orange	10.1	7.7	7	6.4	3.7
24	Orange- Unincorporated	5.9	5.7	5.6	5.1	0.8
25	Placentia	7.3	5.8	5.4	4.8	2.5
26	Rancho Santa Margarita	4.8	4.3	3.6	3.3	1.5
27	San Clemente	7.1	5.5	4.6	4.1	3.0
28	San Juan Capistrano	11.8	8.5	6.6	5.5	6.3
29	Santa Ana	7.5	5.5	5.2	4.7	2.8
30	Seal Beach	8.4	6.1	4.4	5.3	3.1
31	Stanton	6.7	5.8	5.6	5.3	1.4
32	Tustin	6.5	4.7	6.1	3.0	3.5
33	Villa Park	9.2	5.4	4.7	4.1	5.1
34	Westminster	6.3	4.7	3.7	4.1	2.2
35	Yorba Linda	7.8	5.7	5.4	5.2	2.6
	Countywide average	7.79	6.13	5.52	4.81	2.78

1 **Note: Diversion Results in pounds per person per day**

2 **2009 Number is preliminary - not yet approved by CalRecycle.**

The City of Los Alamitos has a tonnage modification in process to correct a

3 **reporting error.**

***Note: A negative number means that the tons per person per day was higher than the target.**

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).

- The County does not have 15 years remaining disposal capacity and the Siting Element does not provide a strategy¹ for obtaining 15 years remaining disposal capacity. Attached is a revision schedule for the Siting Element (Section 7).

Analysis

- These changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP or RAIWMP do not warrant a revision to any of the Countywide planning documents.
- These changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP or RAIWMP warrant a revision to one or more of the Countywide planning documents. The revision schedule(s) is included in Section 7.

Additional Analysis (optional):

- While the change in the quantity of waste over the last four years has decreased by 34%, the assumption is that the economy has been a significant factor. The County of Orange has capacity of approximately 25 years. (See Attachment 1)

Section 4.3 Changes in Funding Source for Administration of the Siting Element (SE) and Summary Plan (SP)

Since the approval of the CWIMP or the last Five--Year CIWMP or RAIWMP Review Report (whichever is most recent), the County has experienced the following significant changes in the funding of the SE or SP:

Analysis

- There have been no significant changes in funding source administration of the SE and SP or the changes that have occurred do not warrant a revision to any of the Countywide planning documents. Specifically, _____.
- These changes in funding source for the administration of the SE and SP warrant a revision to one or more of the Countywide planning documents. Specifically, _____. See Section 7 for the revision schedule(s).

Additional Analysis (optional):

- There have been no significant changes in the funding of the SE or SP.

¹ Such a strategy includes a description of the diversion or export programs to be implemented to address the solid waste capacity needs. The description shall identify the existing solid waste disposal facilities, including those outside of the County or regional agency, that will be used to implement these programs. The description should address how the proposed programs shall provide the County or regional agency with sufficient disposal capacity to meet the required minimum of 15 years of combined permitted disposal capacity.

Section 4.4 Changes in Administrative Responsibilities

The County has experienced significant changes in the following administrative responsibilities since the approval of the CIWMP or the last Five--Year CIWMP or RAIWMP Review Report (whichever is most recent):

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.
- These changes in administrative responsibilities warrant a revision to one or more of the planning documents. See Section 7 for the revision schedule(s).

Additional Analysis (optional):

- There have been no significant changes to the administrative responsibilities since the last CIWMP Five-Year review.

Section 4.5 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.

1. Progress of Program Implementation

a. SRRE and Household Hazardous Waste Element (HHWE)

- All program implementation information has been updated in the CalRecycle's electronic Annual Report (EAR), including the reason for not implementing specific programs, if applicable.
- All program implementation information has not been updated in EAR. Attachment _____ lists the SRRE and/or HHWE programs selected for implementation but which have not been implemented, including a statement as to why they were not implemented.

b. Non-disposal Facility Element (NDFE)

- There have been no changes in the use of non-disposal facilities (based on the current NDFEs and any amendments).
- Attachment 2 lists changes in the use of non-disposal facilities (based on the current NDFEs).

c. Countywide Siting Element (SE)

- There have been no changes to the information provided in the current SE.
- Attachment _____ lists changes to the information provided in current the SE.

d. Summary Plan

- There have been no changes to the information provided in the current SP.

Attachment _____ lists changes to the information provided in current the SP.

2. Statement regarding whether Programs are Meeting their Goals

- The programs are meeting their goals.
- The programs are not meeting their goals. The discussion that follows in the analysis section below addresses the contingency measures that are being enacted to ensure compliance with [PRC Section 41751](#) (i.e., specific steps are being taken by local agencies, acting independently and in concert, to achieve the purposes of the California Integrated Waste Management Act of 1989) and whether the listed changes in program implementation necessitate a revision of one or more of the planning documents.

Analysis

- The aforementioned changes in program implementation do not warrant a revision to any of the planning documents.
- Changes in program implementation warrant a revision to one or more of the planning documents. The revision schedule(s) is included in Section 7.

Additional Analysis (optional):

- Self-hauled waste is still a barrier to AB 939 compliance. It is predominately unprocessed (not recycled) and is hauled directly to the landfills by individual residents, contractors, clean-up businesses, landscapers, gardeners, roofers, and demolition contractors. Since the inception of the AB 939 Surcharge, self-haul waste coming to the landfill has been reduced by 83%.
- The County conducted a Self-Haul Waste Characterization Study in 2004 to determine the types and quantities of materials found in self-hauled waste that could feasibly be recycled. The study found that approximately 60% of self-hauled waste contains readily recyclable and compostable materials. The self-hauled waste is being disposed of at the Prima Deshecha Landfill without being recycled and processed. Diverting self-hauled waste from disposal will preserve landfill capacity for solid waste that cannot be recycled.
- In order to address the issues identified above, through a Request for Proposal process CR&R was selected as the primary contractor to construct and operate a Material Recovery Facility (MRF) on an approximate 5.6-acre leased portion of the Prima Deshecha Landfill site. On November 2, 2008 the CR&R MRF opened to the public and its operation at the Prima Deshecha landfill has helped increase recycling in South Orange County by diverting self-hauled materials that would otherwise be landfilled.
- The County continues to operate the four Household Hazardous Waste Collection Centers located in the cities of Anaheim, Huntington Beach, Irvine and San Juan Capistrano. These are permanent facilities designed to provide safe collection and disposal for household hazardous waste for all Orange County residents and all include a Material Exchange Program where residents can take home partially-used home products, yard care and automotive care products at no charge. In 2007, OC Waste & Recycling began accepting sharps at the centers.

Section 4.6 Changes in Available Markets for Recyclable Materials

The County has experienced changes in the following available markets for recyclable materials since the approval of the CIWMP or the last Five-Year CIWMP or RAIWMP Review Report (whichever is most recent):

Analysis

- There are no significant changes in available markets for recycled materials to warrant a revision to any of the planning documents.
- Changes in available markets for recycled materials warrant a revision to one or more of the planning documents. The revision schedule(s) is included in Section 7.

Additional Analysis (optional):

- At this time, it is unclear whether there is enough capacity to handle the green waste generated from within the County; however, the Tierra Verde Industries EcoCentre has plans to begin increasing its capacity at the Great Park in Irvine. Commodity pricing continues to affect market conditions of other recyclable materials, such as paper, metals, plastics, and glass.

Section 4.7 Changes in the Implementation Schedule

The following addresses changes to the County's implementation schedule that are not already addressed in Section 4.5 above.

Analysis

- There are no significant changes in the implementation schedule to warrant a revision to any of the planning documents.
- Changes in the implementation schedule warrant a revision to one or more of the planning documents.

Additional Analysis (optional):

- There are no changes to the schedule necessary at this time.

Note: Changes noted in sections 4.1 through 4.7 were considered for each jurisdiction in the County or regional agency with an explanation as to whether the change necessitates a revision to any of the jurisdictions' planning documents.

SECTION 5.0 OTHER ISSUES OR SUPPLEMENTARY INFORMATION (optional)

The following addresses any other significant issues/changes in the County and whether these changes affect the adequacy of the CIWMP or RAIWMP such that a revision to one or more of the planning documents is needed.

Additional Analysis (optional):

- Please see attached AB 939 Bi-Annual Report. (Attachment 3).

SECTION 6.0 ANNUAL REPORT REVIEW

- The Annual Reports for each jurisdiction in the County of Orange 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.

- The Annual Reports for each jurisdiction in the County have been reviewed, specifically those sections that address the adequacy of the CIWMP or RAIWMP elements. The following jurisdictions reported the need to revise one or more of these planning documents, as listed.

Analysis

The discussion below addresses the County's evaluation of the Annual Report data relating to planning document adequacy and includes determination regarding the need to revise one or more of these documents.

- All of the jurisdictions in Orange County have provided adequate reporting pertaining to AB 939 implementation. Programs that were not implemented were due either to budget constraints or the cities found an alternative program to divert the specific material.

SECTION 7.0 REVISION SCHEDULE (if required)

- The County of Orange's review of the Countywide Integrated Waste Management Plan finds that the goals, objectives, and policies in the elements are still applicable and consistent with current regulations. While there have been some significant changes in demographics, generation rates for some jurisdictions, and the economy, appropriate adjustments have been made by city-contracted franchise haulers to accommodate the additional solid waste collected and processed. There is sufficient disposal capacity to handle further increases in population Countywide. Amendments to the Non-Disposal Facility Element indicate an increase in diversion facilities that will also help to extend landfill capacity for years to come while offering cost-competitive alternatives to disposal.
- At this time there is no need to revise any of the planning documents.

Appendix A - LTF Comments

The Local Task Force requested the following changes:

- 1) Page 5 of 19 - Change 2009 taxable sales to 51,248,375.
- 2) Page 6 of 19 - Add total to table.
- 3) Page 8 of 19 - Check with Jennifer Wallin of CALRecycle to determine whether or not census data has been used in analysis to determine pounds per person per day. (The answer is no at this time.)
- 4) Page 9 of 19 - Correct item “b.” Sentence makes no sense.
- 5) Page 9 of 19 – Label Table: Total Tons per City per Year.
- 6) Page 11 of 19 – Increase font of Table Heading, add footnote #3 in Los Alamitos 2009 figure, and round off digits to two decimal points, add “to correct a reporting error” to footnote #3.
- 7) Page 12 of 19 – How does state calculate disposal capacity?
- 8) Request for information regarding diversion percentages.

Appendix B - Waste Management Commission Agenda Item



REGULAR MEETING OF THE WASTE MANAGEMENT COMMISSION / LOCAL TASK FORCE
January 13, 2010, 2011

Agenda Item 6 – ***Countywide Integrated Waste Management Plan Five-Year Review - Christine Knapp, Manager, Recycling Programs***

The California Integrated Waste Management Act of 1989 (AB 939) requires cities and counties in California to reduce the amount of waste disposed of in landfills by 50 percent by the year 2000 through source reduction, recycling, and composting activities. The Countywide Integrated Waste Management Plan (CIWMP) is the guiding document for attaining these goals. The CIWMP consists of four elements and a summary plan:

- Source Reduction and Recycling Element (SRRE),
- Household Hazardous Waste Element and Non-Disposal Facility Element (NDFE)
- County Siting Element (SE)
- Summary Plan (SP).

OC Waste & Recycling is required to review its CIWMP at least once every five years to correct any deficiencies in the element or the plan and revise the documents, as necessary. The review is to be completed by the Waste Management Commission (WMC) acting as the AB 939 Local Task Force (LTF) to assure that the County's waste management practices remain consistent with the waste management requirements. The minimum issues to be addressed in the CIWMP review report are changes in the goals, objectives, policies, waste management infrastructure, funding sources and responsible administrative organizational units.

The original County of Orange CIWMP was presented to the WMC LTF, was adopted by the cities and the County, and approved by the California Department of Resource Recycling and Recovery (CALRecycle) in March 1996. Two subsequent Five-Year reviews have been completed. In both cases, the WMC LTF found that the overall CIWMP framework was still applicable and accurately described. The WMC LTF concluded that no revisions were required. The State approved the review of the Orange County CIWMP Five Year review on May 15, 2007.

To comply with the above requirements, an ad hoc committee of the WMC LTF was established to review the adequacy of the CIWMP Five-Year and provide comments as required by the State.

Attachments:

- Attachment A: The minutes from the CIWMP Five-Year Committee Meeting
Attachment B: The CIWMP Five-Year Review Report
Attachment C: The Transmittal Letter of the Local Task Force

Recommended Actions:

1. Approve the minutes from the CIWMP Five-Year Committee Meeting;
2. Approve the CIWMP Five-Year Review Report;
2. Approve transmittal of the LTF comment letter;
3. Direct OC Waste & Recycling staff to submit package to the California Department of Resource Recycling and Recovery, the County of Orange, and the 34 cities in Orange County;
4. Receive and file report.



Orange County Waste Management Commission

Countywide Integrated Waste Management Plan (CIWMP) Committee

Minutes November 17, 2010

Committee Members Present: Chair Cheryl Brothers (chaired the meeting), Commissioner Bill Everest, Commissioner Donald Froelich, Commissioner Bryan Starr, and Commissioner Daniel Worthington.

Excused Absence: Commissioner Cynthia Conners.

Staff Present: Isabel Rios, Christine Knapp, Holly Pham, Julie Chay, and Jesus Perez

The CIWMP Committee met on Wednesday, November 17, 2010, to review the Five-Year CIWMP update.

Item 1: Five-Year Review of the Countywide Integrated Waste Management Plan (CIWMP)

Staff presented the draft CIWMP to the Committee. The Committee reviewed and noted comments.

- 1) Page 5 of 19 - Change 2009 taxable sales to 51,248,375.
- 2) Page 6 of 19 - Add total to table.
- 3) Page 8 of 19 - Check with Jennifer Wallin of CALRecycle to determine whether or not census data has been used in analysis to determine pounds per person per day. (The answer is no at this time.)
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- 7) Page 12 of 19 – How does state calculate disposal capacity?
- 8) Request for information regarding diversion percentages.

Staff will incorporate the Committee's comments to the plan and then prepare a final plan for presentation to the January 13, 2011, Waste Management Commission meeting.

The meeting adjourned at 4:25 p.m.

Appendix C - Local Task Force Letter



Michael B. Giancola, Director
300 N. Flower Street, Suite 400
Santa Ana, CA 92703

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Fax: (714) 834-4183

January 13, 2011

Mr. Primitivo Nunez
Office of Local Assistance
California Department of Resources Recycling and Recovery
2929 East Willow Street
Long Beach, CA 90806

Dear Mr. Nunez:

**SUBJECT: ORANGE COUNTY FIVE-YEAR COUNTYWIDE INTEGRATED WASTE
MANAGEMENT PLAN (CIWMP) REVIEW**

On behalf of the county of orange and its 34 cities, please find attached a copy of the third Five-Year CIWMP Review Report. In conformance with Section 41822 of the Public Resources Code (PRC), the County has reviewed the CIWMP.

The original CIWMP was approved by the CIWMB in March 1996. Subsequent CIWMP Five Year reviews were completed in March 2003, and September 2007.

The County's Waste Management Commission/AB939 Local Task Force (LTF) appointed an ad hoc committee to review the Report within the time frame specified in Section 18788 of Title 14 of the California Code of Regulations (CCR). The Ad Hoc Committee submitted written comments to the County and they have been incorporated into the Report.

The County finds that a CIWMP revision is not necessary at this time. Guided by the current CIWMP, the County and its 34 cities will continue to implement programs and strive to fulfill the goals of the Integrated Waste Management Act.

Please contact Isabel Rios, Manager of Recycling and Environmental Programs; at (714) 834-4118 should you have any questions.

Respectfully submitted,

Michael B. Giancola, Director
OC Waste & Recycling

cc: Waste Management Commission/Local Task Force
Danielle Aslam, CALRECYCLE, Office of Local Assistance
Jennifer Wallin, CALRECYCLE, Office of Local Assistance
Isabel Rios, OC Waste & Recycling, Government and Community Relations

Appendix D – Landfill Capacity Data



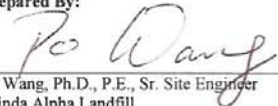
**Landfill Capacity Data
As of June 30, 2010**

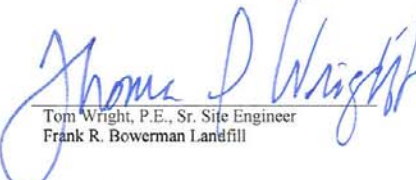
LANDFILL NAME	SOLID WASTE FACILITIES PERMIT (SWFP Issue/Review Date)	PERMITTED TONNAGE (TPD)		TOTAL AIRSPACE (MCY)	NET REMAINING AIRSPACE ¹ as of 6-30-10 (MCY)	CUMULATIVE AIRSPACE FILLED ¹ as of 6-30-10 (MCY)	ANNUAL REFUSE FILLED ⁵ 7-1-09 to 6-30-10 (Tons)	REMAINING REFUSE TONNAGE ¹ as of 6-30-10 (Million Tons)
		Daily Maximum	Daily Average					
Frank R. Bowerman	2008	11,500 ¹	8,500 ¹	266.0 ²	199.6 ³	66.4	1,352,935	118.28
Olinda Alpha	2010	8,000 ⁶	7,000 ⁶	148.8 ⁶	50.6	98.2	1,723,598	28.72
Prima Deshecha Zone 1	2004	4,000 ^{7,8}	4,000 ^{7,8}	53.1 ⁷	22.8	30.3 ⁹	423,961	12.58
Prima Deshecha Zone 4	2004	— ^{7,8}	— ^{7,8}	118.5 ⁷	111.0	7.5 ¹⁰	0.0	61.25
TOTALS		23,500	19,500					

TPD – Tons Per Day

MCY – Million Cubic Yards

Prepared By:


Po Wang, Ph.D., P.E., Sr. Site Engineer
Olinda Alpha Landfill


Tom Wright, P.E., Sr. Site Engineer
Frank R. Bowerman Landfill

Approved By:


John Tzeng, P.E., Sr. Site Engineer
Prima Deshecha Landfill


Dylan Wright, Deputy Director
OC Waste & Recycling

Reviewed By:


Michael Y. Wong, P.E., Sr. Civil Engineer
Environmental Services

Notes:

- Based on SWFP issued in 2008, maximum permitted daily tonnage limit is 11,500 tons per day. Annual average daily tonnage limit of 8,500 is per the Cooperative Agreement between the County of Orange and the City of Irvine, dated August 15, 2006.
- Based on the SWFP, issued by LEA in 2008.
- Does not include air space to be occupied by protective soil and LCRS (~1.3 MCY) to be used for phases VIII to XI.
- Calculated by the respective landfill site engineers.
- Based on OC Waste & Recycling tonnage records.
- Based on SWFP issued by LEA in 2010. Annual average daily tonnage limit of 7,000 TPD is per Cooperative Agreement between The City of Brea and the County of Orange, dated July 14, 2009.
- Based on SWFP issued in 2004 and reviewed by LEA in 2009.
- Daily maximum and daily average tonnage applies to entire landfill
- Includes air space occupied by protective soil (~260,000 CY) to be used for the life of Zone 1.
- Includes air space occupied by protective soil (~5.2 MCY) to be used for the life of Zone 4.

Appendix E – NDFE Amendment

**AMENDMENT TO CITY OF IRVINE NON-DISPOSAL
FACILITY ELEMENT**

Tierra Verde Industries EcoCentre

March 2010

TYPE OF FACILITY CalRecycle: Large Volume Transfer/Processing Facility

The current main functions of the TVI EcoCentre that will continue include:

- Green waste and wood waste chipping and grinding
- Green waste and wood waste windrow composting
- Construction and demolition debris (C&D) recycling (from former El Toro MCAS only)

Functions to be phased in through the ongoing Interim Use Permit process includes:

- e-Waste recycling
- Buy-Back Recycling Center
- Material Recovery Facilities sorting operations for:
 - Curbside recyclables
 - Select commercial loads high in recyclables
- Processing of C&D material (from locations off the former MCAS)
- Vermicomposting or composting of blended food waste and green waste

The EcoCentre may be open from 6:00 a.m. to 8:00 p.m. Monday through Sunday to receive material; and will process material up to 7 days per week, 24 hours per day. The public will be able to drop off recyclable material, C&D debris, e-Waste, and other self-haul loads.

FACILITY CAPACITY The EcoCentre will accept a maximum of 3,000 tons per day.

EXPECTED DIVERSION

RATES 75% - 90% (depending on quantity and composition of material received)

PARTICIPATING JURISDICTIONS Material may be received from any city or county area within a 25-mile radius; or from the former El Toro MCAS itself.

LOCATION The site is located on approximately 78.8 acres within the Orange County Great Park (OCGP) in the City of Irvine, within the boundaries of the former El Toro MCAS.

Appendix F – AB 939 Bi-Annual Report

**AB 939 Bi-Annual Report
December 2010**

INTRODUCTION

The Board of Supervisors has provided OC Waste & Recycling with clear direction to employ programs with a regional focus that will directly assist the County and our partner Cities achieve our joint recycling and waste diversion goals in compliance with the State mandates set forth in the Integrated Waste Management Act of 1989 (AB 939). OC Waste & Recycling has implemented several diversion initiatives which are highlighted in this AB 939 Surcharge Semi-Annual Report that reflect the shared values and vision of the Board of Supervisors.

The AB 939 Surcharge was established in 2006 to divert self-hauled waste from Orange County landfills and has been extremely effective since its implementation. Since the implementation of the AB 939 Surcharge, self-hauled waste has decreased by 83%. While there are a number of factors that contribute to this decrease, OC Waste & Recycling believes that the surcharge has been an important policy that has spurred the proper recycling and diversion practices. As of October 31, 2010, the AB 939 Surcharge has generated \$17,342,600.86 for waste reduction activities. This has allowed OC Waste & Recycling to develop new diversion programs and grant funding opportunities to ensure that regional efforts continue even during economic downturns.

PARTNERSHIPS & COLLABORATIONS

Through the leadership of the Orange County Board of Supervisors, \$8.4 million has been expended on projects partnering with cities, special districts, schools, businesses, and County agencies to divert recyclable materials from Orange County landfills. The following represents regional waste reduction initiatives funded through the County's AB 939 Surcharge.

In Fiscal Year (FY) 2007-08, a \$1 million regional recycling and waste diversion grant program was implemented. This grant program funded diversion programs for the County unincorporated areas, the 34 cities and two sanitary districts. These locally targeted programs diverted a combined total of 505 tons of recyclables and 149 tons of household hazardous waste from Orange County's waste stream. Several Cities are still utilizing the funds to continue their waste diversion programs aimed to increase diversion of designated materials from the landfill. Many of the County-sponsored diversion activities implemented under this grant program are now being sustained through the City's funding.

In FY 2009-10, the second regional recycling and waste diversion grant program funds were awarded to 24 recipients including Cities, sanitary districts, and schools. The funded grant programs proposed to divert a combined total of 9,814 tons of waste through commercial food waste programs, multi-family recycling, commercial recycling, composting, and school recycling outreach programs. In the second grant program, \$2.5 million was distributed for regional waste diversion programs. Final data showing the total tons of materials diverted from the landfills will be provided in the spring of 2012.

The County of Orange, on behalf of its unincorporated areas, is participating with select Cities in two new food waste programs that began in November 2009. These programs are facilitated by partner haulers and segregate food waste from participating Orange County restaurants, hotels, golf courses, food banquet facilities, and schools, where food waste accounts for more than 50% of waste disposed.

The City of Mission Viejo, City of Irvine, City of Laguna Beach, a County facility located in Santa Ana and the County unincorporated area of Ladera Ranch through Waste Management Inc. are utilizing a dehydration unit that reduces up to 90% of the food's original volume and weight. The process results in a small amount of nutrient rich residual material that can be beneficially reused as compost, soil amendment, or waste-to-energy fuel. Such use of the residual material creates a fully sustainable recycling solution that will yield 100% food waste diversion.

The City of San Clemente, City of Aliso Viejo, City of Dana Point, City of Laguna Hills, City of Laguna Niguel, City of Rancho Santa Margarita, City of San Juan Capistrano, City of Tustin, and the County unincorporated areas of Ladera Ranch and Las Flores have contracted with CR&R Incorporated to provide compost services. CR&R will utilize either 64 or 35 gallon carts to collect food scrap materials and other organic waste generated from the restaurants and schools, which could divert up to 45% of their food waste to California Bio-Mass, a composting facility. The organic and food scrap materials collected in this program have been processed into useful products such as compost for agricultural applications. Measuring the results and assessing the benefits of these new food waste programs will help to determine any future food waste diversion strategies.

The AB 939 Surcharge allowed for the expansion of the County of Orange's "Recycling on the Go" Program, which provides recycling bins and services in County facilities. By modeling the way, this expansion has increased the weight of recyclables collected by 39%. Through this program, we have placed and are servicing containers throughout OC Parks and OC Probation departments at a cost of \$47,000. The "Recycling on the Go" program was funded in previous years by a grant from the California Department of Conservation. However, these State funds have been suspended due to State budget shortfalls. OC Waste & Recycling supports the expansion of "Recycling on the Go" at County public facilities and will continue this program by funding it through AB 939 Surcharge funds.

OC Waste & Recycling and the Discovery Science Center in Santa Ana are working collaboratively to educate Orange County residents through a current school assembly program and by developing interactive exhibits for future environmental lessons. The "Reduce, Reuse, Recycle" message is key to the school assembly program called "R-cubed" or " R^3 = Reduce, Reuse, Recycle" developed in 2009 by the Discovery Science Center for the department's educational outreach as part of the Waste Free OC campaign. In FY 2009-10, the program reached more than 2,500 sixth grade students. The two waste reduction educational exhibits, an "Eco-Shopping Store" and "Waste Identification Game" are in the planning and development stages and are scheduled to open at the Discovery Science Center in Summer 2011. As many as 400,000 annual visitors will experience the interactive exhibits that promote our message of "Reduce, Reuse,

Recycle.” To date, a total of \$3.6 million of AB 939 Surcharge funds have been allocated to support these two environmental exhibits.

COUNTYWIDE COMMUNITY OUTREACH

OC Waste & Recycling allocated \$1.3 million of AB 939 Surcharge funds for consultant services to plan and implement a Countywide Public Education and Outreach Campaign. In year one, OC Waste & Recycling’s consultant, Riester, completed an extensive research phase and developed a marketing plan for a public education and outreach campaign, which included a baseline survey for later comparison with post campaign measurements. The “Waste Free OC” campaign was launched on February 10, 2010, and the message to “Save Room for Tomorrow” was promoted Countywide during the second year of the public outreach contract. The campaign promoted new activities with tips and resources on how to keep recyclable materials from the waste stream at an interactive web site www.wastefreeoc.com. In just three months of the campaign, the site had 8,373 visitors.

With the accomplishments of a brand identity, creative web site, and marketing plan, a strong campaign platform has been established. OC Waste & Recycling is planning to utilize a targeted approach in the continued implementation of the public outreach campaign. This strategy will involve collaboration with our stakeholders, such as the recycling coordinators, County agencies, and local community organizations to further expand our outreach. The County will communicate our marketing message more effectively through our partners who have existing outreach programs in their local communities.

OC Waste & Recycling recently received a national award for its Public Outreach and Education campaign “Waste Free OC, Save Room for Tomorrow” from the North American Hazardous Materials Management Association (NAHMMA). The award ceremonies were part of the 25th Annual NAHMMA National Conference held in July, 2010 in St. Petersburg, Florida.

The NAHMMA award recognizes the positive impact the public outreach program has had on the community. NAHMMA views OC Waste & Recycling’s campaign as a model for other waste and recycling programs and, if adopted nationwide, would assist in changing behaviors and result in reducing waste across our nation.

Additionally, the California State Association of Counties (CSAC) presented their Challenge Award to OC Waste & Recycling for the AB 939 Surcharge Program. The Challenge Award is an annual competition recognizing California County governments that demonstrate innovative and effective ways of providing programs and services to its residents. The AB 939 Surcharge program was selected above hundreds of other entries throughout the State as part of CSAC’s annual Challenge Award competition.

CONVERSION TECHNOLOGY STUDY

In September 2009, OC Waste and Recycling conducted a Conversion Technology (CT) Feasibility Study to evaluate the possibility of using conversion technologies to reduce solid waste at Orange County’s landfills. This study was funded through AB 939 Surcharge funds.

The CT Study identified that the County's landfill system currently operates in a cost effective manner that outperforms the emerging diversion conversion technologies, many of which are unproven pilot programs that have higher costs associated with the technical planning. The potential revenue is less certain with a significantly higher market than projected landfill fees. Recognizing that CT is an important part of the County's long term waste disposal strategy, similar assessment will be performed in FY 2013-14.

REDESIGN OF THE COUNTYWIDE DISPOSAL REPORTING SYSTEM

The Disposal Reporting System (DRS) website is an interactive regional website that haulers, Cities and County staff interface with by entering data in order to track disposal tonnages by origin. This data is required to be submitted to the State in compliance with the Integrated Waste Management Act of 1989 (AB 939). The existing disposal reporting system was created nearly twenty years ago and is frail and not user-friendly. Additionally, it does not provide adequate query and data sorting needs required by our hauling community as well as each jurisdiction. This significant deficiency requires County staff to correct frequent errors or generate special reports. The redesign of this website will improve its reliability and increase its ability to query data by our hauling community and jurisdictions without a significant amount of time by County staff. It will advance the functionality and features required to accurately report disposal data to the public and our regulators. The selection of a consultant will be brought to the Board in December 2010.

CONCLUSION

OC Waste & Recycling remains committed to its regional leadership role and continuing its strong tradition of providing superior waste management services while protecting the environment and promoting recycling activities to ensure a safe and healthy community for current and future generations.

The AB 939 Surcharge has enabled OC Waste & Recycling to effectively implement waste diversion activities throughout Orange County. To date, \$8,044,710 in AB 939 Surcharge funds have been spent. These funds have provided a regional public benefit through our competitive grants program, community outreach, and innovative waste diversion activities. The surcharge has funded research and analysis in the field of conversion technology, exploring state-of-the-art technologies with potential environmental solutions to utilizing waste as a fuel or energy source. These funds have also allowed OC Waste & Recycling to seek an improved disposal reporting system that is utilized by its stakeholders and partners to create State mandated reports in an accurate and timely manner and to measure their progress in their waste diversion efforts.

FIGURES AND TABLES

The following figures and tables provide information that is regularly compiled and used to monitor the success of the AB 939 Surcharge program. The information includes historical and current Self-Haul Surcharge trends, Material Recovery Facilities gate fee rates, and anticipated surcharge revenue and expenditures.

SELF-HAUL TONNAGE TRENDS AND CURRENT MARKET RATES FOR MUNICIPAL SOLID WASTE

The AB 939 Surcharge was approved by your Board on April 18, 2006, to address the negative impacts of the self-hauled waste stream on waste diversion efforts through a program that provides economic incentives to self-haulers to divert waste to material recovery facilities. Since the implementation of the AB 939 Surcharge in 2006, self-haul tonnage disposed at County landfills has decreased by 83%. **Figure 1** reflects the decrease in self-haul revenue due largely to the \$19.00 surcharge and other economic market impacts on all self-hauled waste. To the extent that self-haul loads continue at the landfills, the surcharge revenue will continue to fund compliance efforts such as recycling activities and public outreach.

The current economy has also impacted the overall tonnage disposed at the landfill. Overall tonnage has decreased significantly by more than 30% as compared to the highest tonnage recorded in FY 2004-05, a year when new construction contributed to an increase in waste disposal. On July 1, 2010, the new Waste Disposal Agreement gate rate of \$29.95 was implemented, an increase from \$22. The recent gate rate increase included increasing the self-haul rate to \$53.95 from \$46. Should self-haul waste disposal increase dramatically in the future, then another fee study will be warranted to compare the rate options and evaluate the need for potential rate increases at the landfill.

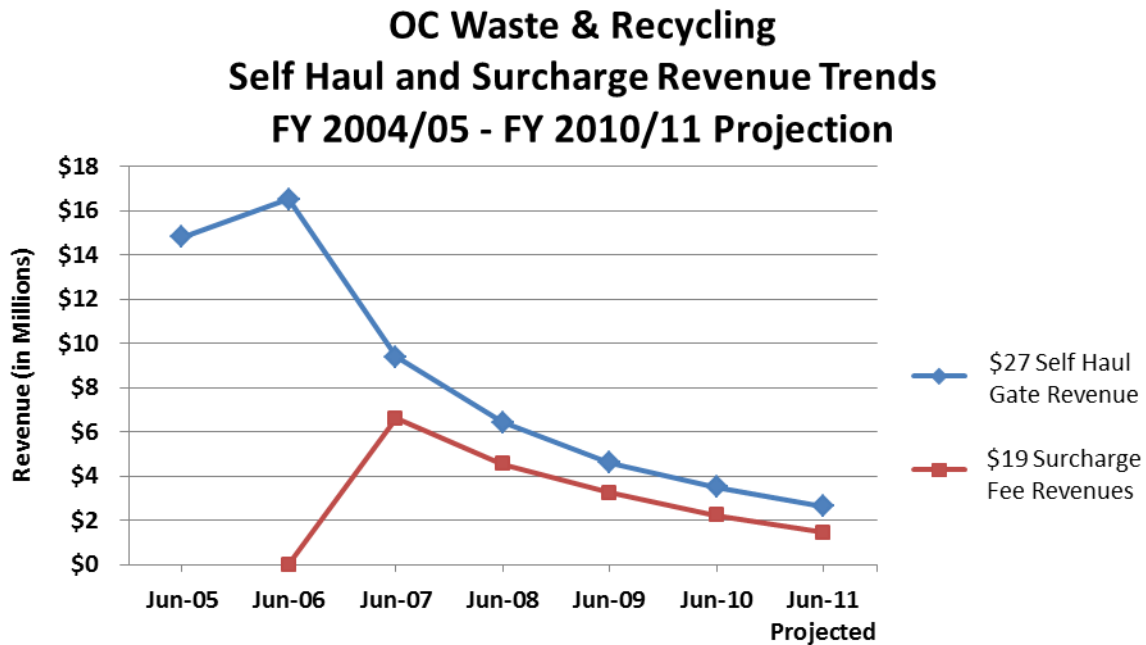
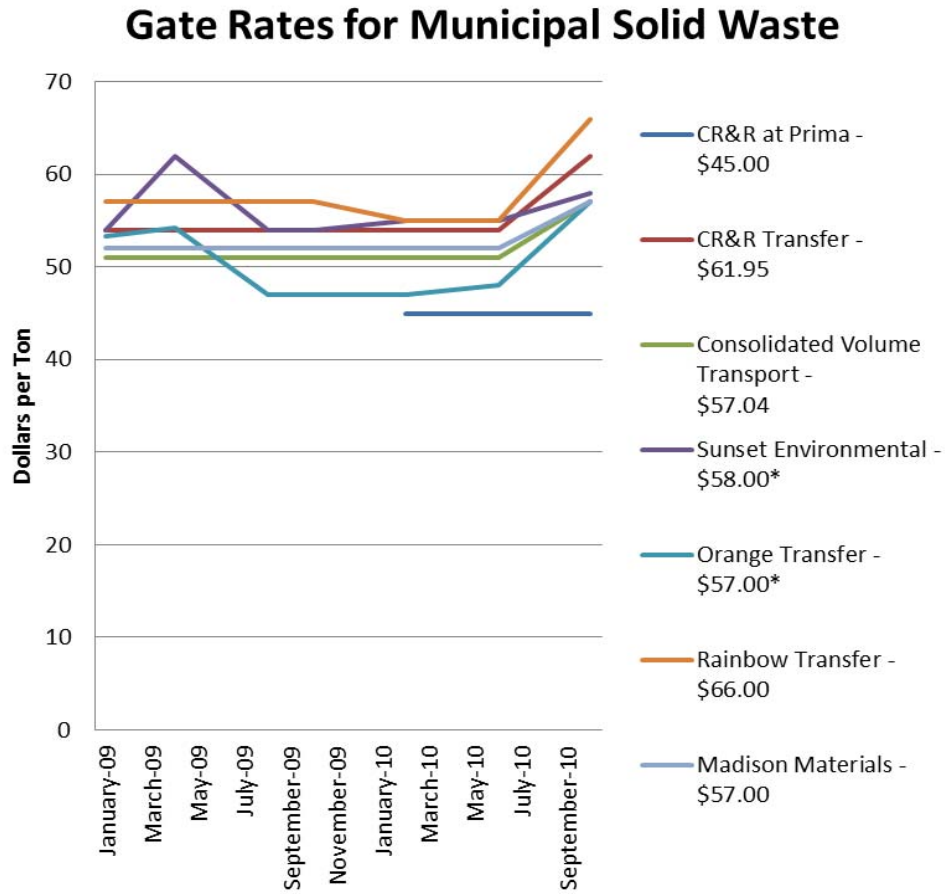


Figure 1. Self-Haul and Surcharge Revenue Trends

PRIMA DESHECHA MATERIAL RECOVERY FACILITY

As part of the approval process of the AB 939 Surcharge initiatives, the Orange County Board of Supervisors directed OC Waste & Recycling to establish a Material Recovery Facility (MRF) in South Orange County. In late 2009, CR&R opened a MRF at the Prima Deshecha Landfill to recover, recycle, or reuse self-hauled waste. Over 80% of the material processed at the MRF has been diverted, thus, the County will extend the landfill’s longevity and continue our mission of making our communities cleaner, greener, and more sustainable.



Note: The Orange Transfer Station and Sunset Environmental facilities also have fuel surcharge and environmental fees that may vary. Other facilities have flat rates that incorporate these fees.

Figure 2. Gate Rates for Municipal Solid Waste at Material Recovery Facilities

The AB 939 Surcharge for self-haul added to the landfill gate rate remains in close range of the average recycling rates found at the local Material Recovery Facilities (MRF) as illustrated in **Figure 2**. This chart shows a similar price range at all of the Orange County transfer stations, keeping the disposal rate within a competitive range. The rate had remained steady over the FY 2009-10 and was increased on July 1, 2010 by 12% due to the increase in the landfills waste disposal rates. The market rates average \$57.43 per ton for the processing of solid waste to remove recyclables.

AB 939 FIVE YEAR PROJECT AND PROGRAM PLAN FOR FISCAL YEAR 2006-07 to 2009-10

OC Waste & Recycling is committed to maintaining and expanding existing diversion activities.

Table 1 lists the expenditures for FY 2009-10:

**AB 939 Surcharge Revenue & Expenditures
FY 2006-07 - FY 2010-11**

	Actuals FY 2006-07	Actuals FY 2007-08	Actuals FY 2008-09	Actuals FY 2009-10	Adopted Budget FY 2010-11	Cummulative Totals
Expenditures:						
*Regional Recycling & Diversion Grant Program - 1st Cycle		\$963,000	\$27,659	\$8,123		\$998,782
*Regional Recycling & Diversion Grant Program - 2nd Cycle			\$0	\$2,500,000		\$2,500,000
*Public Education and Outreach - Riester Year 1			\$449,657	(\$2,266)		\$447,391
*Public Education and Outreach - Riester Year 2			\$10,000	\$732,776		\$742,776
*Public Education and Outreach					\$250,000	\$250,000
Disposal Reporting System Upgrade					\$500,000	\$500,000
Disposal Reporting System Scope of Work - Blue Engine Group			\$24,850	\$0		\$24,850
"Recycling on the Go" Program			\$0	\$25,652	\$55,000	\$80,652
Conversion Technology Feasibility Study - Clements Env'l Corp			\$40,500	\$14,000		\$54,500
Coastal Communities Clean-up Program					\$8,000	\$8,000
Consulting Services for Recycling & Waste Reduction					\$20,000	\$20,000
*Discovery Science Center Exhibit			\$2,000,000	\$0		\$2,000,000
*Discovery Science Center Exhibit Phase II Exhibit			\$0	\$1,600,000		\$1,600,000
Total Expenditures Per Fiscal Year	\$0	\$963,000	\$2,552,666	\$4,878,285	\$833,000	\$9,226,951
Net Surcharge Revenue Per Fiscal Year	\$6,545,408	\$3,506,770	\$642,576	(\$2,460,944)	\$501,821	\$8,735,631

* Surcharge funds spent on previous Board approved programs

** Revisions were made to revenue to adjust for vehicles (trucks/cars) that were charged the minimum \$8 Surcharge. Originally, Surcharge Revenue was calculated as \$19 x Self-Haul tons, but some vehicles were only charged \$8 per load so the reported revenue was overstated.

	<u>Actuals to date as of 6-30-10</u>
AB 939 Surcharge Revenues	<u>\$ 16,627,761</u>
AB 939 Surcharge Expenditures	<u>\$ 8,393,951</u>
Net Surcharge Revenue	<u>\$ 8,233,810</u>

Table 1. AB 939 Surcharge Revenue & Expenditures

**AB 939 PROJECTED SURCHARGE REVENUE AND EXPENDITURES FOR
FISCAL YEAR 2010-11 to FY 2014-15**

Table 2 reflects the projected revenue and expenditures related to the AB 939 Surcharge, and include AB 939 Recommended Programs for Countywide Diversion. It also highlights anticipated programs that would assist in further reducing waste and promoting green practice and waste reduction in Orange County.

**AB 939 Surcharge Revenue & Expenditures
FY 2011/12 - FY 2015/16 Projections**

As Submitted for the 2010 Strategic Financial Plan, October 14, 2010	Projection FY 2011-12	Projection FY 2012-13	Projection FY 2013-14	Projection FY 2014-15	Projection FY 2015-16	Cummulative Totals
Expenditures:						\$0
*Regional Recycling & Diversion Grant Program - 1st Cycle						\$998,782
*Regional Recycling & Diversion Grant Program - 2nd Cycle						\$2,500,000
Local Jurisdiction Competitive Grant Program	\$1,000,000		\$1,000,000		\$1,000,000	\$3,000,000
*Public Education and Outreach - Riester Year 1						\$447,391
*Public Education and Outreach - Riester Year 2						\$742,776
*Public Education and Outreach	\$250,000	\$750,000	\$500,000	\$500,000	\$250,000	\$2,500,000
Disposal Reporting System Upgrade						\$500,000
Disposal Reporting System Scope of Work - Blue Engine Group						\$24,850
Disposal Reporting System Website Overhaul	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
"Recycling on the Go" Program	\$55,000	\$55,000	\$58,300	\$58,300	\$58,300	\$365,552
Conversion Technology Feasibility Study - Clements Env'l Corp				\$100,000		\$154,500
Coastal Communities Clean-up Program	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$18,000
Consulting Services for Recycling & Waste Reduction						\$20,000
*Discovery Science Center Exhibit						\$2,000,000
*Discovery Science Center Exhibit Phase II Exhibit						\$1,600,000
Regional Recycling Website Monthly Maintenance	\$7,500	\$7,500	\$7,950	\$7,950	\$7,950	\$38,850
Total Expenditures Per Fiscal Year	\$1,414,500	\$914,500	\$1,668,250	\$768,250	\$1,418,250	\$15,410,701
Net Surcharge Revenue Per Fiscal Year	(\$24,959)	\$516,973	(\$171,956)	\$795,759	\$145,759	\$9,997,207

* Surcharge funds spent on previous Board approved programs

	Total Projected through FY 15/16
AB 939 Surcharge Revenues	\$ 25,407,909
AB 939 Surcharge Expenditures	\$ 15,410,701
Net Surcharge Revenue	<u>\$ 9,997,207</u>

Table 2. AB 939 Projected Surcharge Revenue & Expenditures

Note: The columns where negative numbers occur when expenditures are planned to exceed the amount of surcharge revenue that will be generated at the landfill in that fiscal year.

Attachment C

January 13, 2011

Mr. Primitivo Nunez
Office of Local Assistance
California Department of Resources Recycling and Recovery
2929 East Willow Street
Long Beach, CA 90806

Dear Mr. Nunez:

Subject: Orange County Five-Year Countywide Integrated Waste Management Plan (CIWMP) Review

On behalf of the County of Orange and its 34 cities, please find attached a copy of the third Five-Year CIWMP Review Report. In conformance with Section 41822 of the Public Resources Code (PRC), the County has reviewed the CIWMP.

The original CIWMP was approved by the CIWMB in March 1996. Subsequent CIWMP Five Year reviews were completed in March 2003, and September 2007.

The County's Waste Management Commission/AB939 Local Task Force (LTF) appointed an ad hoc committee to review the Report within the time frame specified in Section 18788 of Title 14 of the California Code of Regulations (CCR). The ad hoc committee submitted written comments to the County and they have been incorporated into the Report.

The County finds that a CIWMP revision is not necessary at this time. Guided by the current CIWMP, the County and its 34 cities will continue to implement programs and strive to fulfill the goals of the Integrated Waste Management Act.

Please contact Isabel Rios, Manager of Recycling and Environmental Programs, at (714) 834-4118 should you have any questions.

Respectfully submitted,

Michael B. Giancola, Director
OC Waste & Recycling

cc: Waste Management Commission/Local Task Force
Danielle Aslam, CalRecycle, Office of Local Assistance
Jennifer Wallin, CalRecycle, Office of Local Assistance
Isabel Rios, OC Waste & Recycling, Government and Community Relations
Christine Knapp, OC Waste & Recycling, Government and Community Relations



Agenda Item 4 – *AB 939 Report – Isabel Rios, Manager, Recycling and Environmental Programs*

The purpose of the AB 939 Report is to provide regular updates to the Waste Management Commission on AB 939 programs, projects, and issues of interest.

AB 939 BI-ANNUAL DECEMBER 2010 REPORT

The AB 939 surcharge was implemented to reduce the disposal of recyclable materials in County landfills through a market-driven, economic incentive that is based on the approximate median rate charged by private Material Recovery Facilities (MRF). This strategy was implemented to encourage self-haulers to use material processing facilities and increase recycling efforts rather than direct hauling their waste to County landfills. Since the implementation of the AB 939 Surcharge, self-haul tonnage disposed at County landfills has decreased by 83% from Fiscal Year 2005-06 levels.

Through the leadership of the Orange County Board of Supervisors, \$8.4 million has been expended on projects partnering with cities, schools, businesses, and County agencies to divert recyclable materials from Orange County landfills. The Board-approved AB 939 Bi-Annual report provides the status of the AB 939 Surcharge effectiveness and the AB 939 strategic initiatives as directed by the Board of Supervisors. The AB 939 Bi-Annual report is attached to Agenda Item 3, Attachment B of the Five-Year review report of the Countywide Integrated Waste Management Plan.

SECOND REGIONAL RECYCLING AND WASTE DIVERSION GRANT PROGRAMS

The \$2.5 million second regional recycling and waste diversion grant division programs are on-going. The grant funded diversion programs for the County unincorporated areas, cities, special districts and schools. The grant-funded programs will divert waste through commercial food waste, multi-family and commercial recycling, composting, school recycling programs and public outreach to the community. The County of Orange, on behalf of its unincorporated areas, is participating with select Cities in two new food waste programs.

The Cities of San Clemente, Aliso Viejo, Dana Point, Laguna Hills, Laguna Niguel, Rancho Santa Margarita, San Juan Capistrano, Tustin, and the County unincorporated area of Ladera Ranch contracted with CR&R Inc. to provide a commercial food waste diversion programs at restaurants, food markets, hotels, golf courses, and schools. On April 5, 2010, CR&R implemented the food waste diversion program at 36 locations. Participants are utilizing either 64 or 35 gallon carts to collect food scrap materials and other organic waste generated from restaurants and schools, which could divert up to a maximum of 45% of their food waste to California Bio-Mass, a composting facility located in Riverside County. The organic and food scrap materials collected in this program have been processed into useful products such as compost for agricultural applications. Attachment A is a list of the program participants for the commercial food waste program serviced through CR&R Inc.

The Cities of Mission Viejo, Irvine and Laguna Beach; a County facility located in Santa Ana; and the County unincorporated area of Ladera Ranch contracted with Waste Management Inc. to install food dehydration units that reduce up to 90% of the food waste original volume and weight. The process results in a small amount of nutrient rich residual material that can be beneficially reused as compost, soil amendment, or waste-to-energy fuel. Such use of the residual material creates a fully sustainable recycling solution that will yield 100% food waste diversion. These food dehydration units were installed in restaurants, hotels, community centers, and schools. Measuring the results and assessing the benefits of these new food waste programs will help to determine any future food waste diversion strategies. Attachment B is a list of the commercial food dehydration machine participants that are serviced through Waste Management Inc.

On Tuesday, November 30, 2010, the County of Orange and Waste Management of Orange County unveiled the first food dehydration recycling machine in a County building. Orange County Board of Supervisors Chair Janet Nguyen was on hand to celebrate this important achievement and retrieved some high-quality fertilizer from the high-tech machine. Attachment C provides additional information about the unveiling of the food waste event.

REDESIGN OF THE COUNTYWIDE DISPOSAL REPORTING SYSTEM (DRS)

The redesign of the DRS Web site will advance the functions and features required to accurately report disposal data to the public and regulators. The DRS reporting requirements are set forth by CalRecycle and are mandated by the state to be provided in a timely manner.

OC Waste & Recycling formed an advisory group composed of DRS Web site program users to review the Scope of Work for the Redesign of the Disposal Reporting System. The purpose of the DRS Advisory group is to solicit input and identify any challenges and opportunities prior to upgrading the system.

On December 14, 2010, the Board of Supervisors recommended selecting Paradigm Software, LLC as the primary contractor and Sierra Systems as the alternate contractor to redesign OC Waste & Recycling's Disposal Reporting System Web site. OC Waste & Recycling will negotiate the contract with the primary selected contractor Paradigm Software, LLC. OC Waste & Recycling will then go before the Board in May 2011 for approval.

Attachments:

Attachment A – Commercial Cart Food Waste Participants

Attachment B – Commercial Food Waste Dehydration Machine Participants

Attachment C – County of Orange Food Dehydrator Press Release and OC Register Article

Recommended Action: Receive and file report.

Attachment A

CR&R Inc. Commercial Food Waste Diversion Program Participants		
Participant Name	Address	City
CHILLI'S GRILL & BAR #0495	26631 ALISO CREEK	ALISO VIEJO
MACARONI GRILL #0145	26641 ALISO CREEK	ALISO VIEJO
ON THE BORDER #002	26661 ALISO CREEK	ALISO VIEJO
RENAISSANCE SPORT CLUB	50 ENTERPRISE	ALISO VIEJO
COSMO'S ITALIAN KITCHEN	23411 ALISO VIEJO	ALISO VIEJO
SALT CREEK GRILLE	32802 PACIFIC COAST HWY	DANA POINT
RITZ CARLTON	1 RITZ CARLTON DRIVE	DANA POINT
ST. REGIS HOTEL	1 MONARCH BEACH RESORT	DANA POINT
LADERA RANCH K-8	29551 SIENNA PKWY	LADERA RANCH
CLAIM JUMPER	25332 MCINTRYRE	LAGUNA HILLS
KING'S FISH HOUSE	24001 AVD DE LA CARLOTA	LAGUNA HILLS
IN N OUT BURGER	24001 AVD DE LA CARLOTA	LAGUNA HILLS
LAGUNA HILLS MALL (Firestone)	24155 LAGUNA HILLS MALL	LAGUNA HILLS
LAGUNA HILLS MALL (food court)	24155 LAGUNA HILLS MALL	LAGUNA HILLS
FRED'S MEXICAN CAFE	32431 GOLDEN LANTERN	LAGUNA NIGUEL
TGI FRIDAYS #1915	28141 CROWN VALLEY	LAGUNA NIGUEL
SOUPLANTATION	23870 ALISO CREEK RD	LAGUNA NIGUEL
MIMIS CAFE	27430 LA PAZ	LAGUNA NIGUEL
HENRY'S MARKET PLACE	27271 LA PAZ	LAGUNA NIGUEL
SAN CLEMENTE INN	2600 AVENIDA DEL PRESIDENTE	SAN CLEMENTE
TOMMY'S RESTAURANT	1409 EL CAMINO REAL	SAN CLEMENTE
FISHERMAN'S - CITY OF S C	611 AVENIDA VICTORIA	SAN CLEMENTE
SAN CLEMENTE VILLAS BY THE SEA	660 CAMINO DE LAS MARES	SAN CLEMENTE
THE MELTING POT	647 CAMINO DE LAS MARES	SAN CLEMENTE
FARM TO MARKET	32382 DEL OBISPO	SAN JUAN CAPISTRANO
EL CAMPEON TAQUERIA	31921 CAMINO CAPISTRANO	SAN JUAN CAPISTRANO
EL ADOBE DE CAPISTRANO	31891 CAMINO CAPISTRANO	SAN JUAN CAPISTRANO
BALLPARK PIZZA	22431 ANTONIO	SANTA MARGARITA
WOOD RANCH BBQ	22312 EL PASEO	SANTA MARGARITA
CANYON FIRESIDE GRILL	22322 EL PASEO	SANTA MARGARITA
TGI FRIDAYS #1942	22022 EL PASEO	SANTA MARGARITA
PARK TERRACE	21952 BUENA SUERTE	SANTA MARGARITA
LUCILLE'S BBQ HOUSE	2550 PARK	TUSTIN
IN N OUT BURGER	2895 PARK	TUSTIN
GOLF COURSE	12442 TUSTIN RANCH	TUSTIN
RUBY'S DINER	13102 NEWPORT	TUSTIN
RUTABEGORZ RESTAURANT	158 MAIN	TUSTIN

Attachment B

Waste Management Commercial Food Dehydration Unit Program Participants		
Participant Name	Address	City
Atria Del Sol	23792 Marguerite Pkwy	Mission Viejo, CA 92692
Arroyo Trabuco	26772 Avery Pkwy	Mission Viejo, CA 92692
The Shops at Mission Viejo	555 The Shops at MV	Mission Viejo, CA 92691
Oggie's	23641 Via Linda	Mission Viejo, CA 92691
The Montage	30801 South Coast Hwy	Laguna Beach, CA 92651
Tommy Bahama Restaurant	400 S. Coast Hwy	Laguna Beach, CA 92651
Bella's Kitchen	12 Civic Center Plaza	Santa Ana, CA 92702
Hyatt Regency	17900 Jamboree Rd	Irvine, CA 92614
Lakeview Senior Center	20 Lake Road	Irvine, CA 92604
Atria Woodbridge	1 Witherspoon	Irvine, CA 92604

Attachment C

New Food Waste Recycling Machine Turns Food Waste into Fertilizer

FOR MORE INFORMATION

FOR IMMEDIATE RELEASE

Santa Ana, Calif. (November 30, 2010) – The County of Orange and Waste Management of Orange County (WMOC) unveiled today the first food dehydration recycling machine in a County building. Orange County Board of Supervisors Chair Janet Nguyen was on hand to celebrate this important achievement and retrieve some high-quality fertilizer from the high-tech machine.

“It is great to be going green!” said Board Chair Janet Nguyen. “The County is taking steps on all fronts to implement sustainable practices. This is an important milestone for us.”

The dehydrator is hard at work in Bella’s Kitchen, Too in the Orange County Civic Center Plaza, Building 12. Leftovers like spaghetti, salad, bread and fruit are no longer headed for the landfill. The machine’s 180-degree temperature decomposes the food scraps, reducing the total volume by 90 percent. And the ten percent that remains is a desirable commodity: nutrient-rich compost or fertilizer. The dehydration unit will also help cut collection frequency, which ultimately reduces fuel use and green-house gas emissions.

According to OC Waste & Recycling Director, Mike Giancola, the dehydrator unveiled today is part of a new trend. “Thanks to County grants to several cities, we will see more of these in use throughout the county,” said Giancola. “Some cities are using different methods to reduce their food waste, and overall we expect to see this reduction at our landfills.”

Waste Management of Orange County installed the dehydrator. David Ross, Senior District Manager says it is the wave of the future. “Landfill space is finite, and we know that food waste accounts for nearly 16 percent of the overall waste stream in California. This technology is taking us in the right direction,” said Ross.

Joseph DeAngelo, Manager of Bella’s Kitchen Too, is pleased with the results. He likes the fact that his disposal costs are down. And he’s glad to be going green. “It is hard enough to see food waste at all. This way we’re helping two ways: by reducing the waste and making good use of the results,” said DeAngelo.

OC Waste & Recycling partnered with several cities to initiate a regional food waste recycling program. A \$400,000 County of Orange grant has provided for the installation high-tech and progressive food waste recycling machines at Santa Ana’s Bella’s Kitchen Too as well as 3 select businesses in the cities of Irvine, Laguna Beach and Mission Viejo.

About OC Waste & Recycling

OC Waste & Recycling manages one of the nation’s premiere solid waste disposal systems serving 34 cities and over three million residents. On behalf of local residents and businesses, OC Waste & Recycling has developed a solid waste management system composed of a network of three active landfills and four household hazardous waste collection centers.

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OC Waste & Recycling

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THINK GREEN®

Food scraps reused thanks to O.C. project

Kitchen leftovers turned into mulch in \$400,000 program aimed at curbing waste.

SANTA ANA • Orange County has begun to install recycling machines that consume eggshells, onion peels

and even day-old pasta and spit out composting mulch - a \$400,000 effort to take a bite out of food waste.



DOUG IRVING
REGISTER WRITER

The mulching machines blend; they dry; and they slow cook. Pour in 225 pounds of wilted lettuce, stale bread and leftover beef, wait 12 hours and voila: about 20 pounds of earthy mulch for a garden.

Nine of the machines, each a little bigger than a washing machine, are already working through table scraps at restaurants and other food producers in



SAM GANGWER THE ORANGE COUNTY REGISTER

From right, O.C. Supervisor Janet Nguyen, David Ross from Waste Management and Joseph Edwards, division manager for the Orange County Division of Public Works, look at a bucket of compost made from food scraps after the unveiling of a Food Dehydration Recycling Machine at Bella's Kitchen at the Hall of Records on Tuesday. The machine turns food scraps into compost.

Irvine, Mission Viejo and Laguna Beach. A tenth recently began churning out mulch from a café at the county's Hall of Records in Santa Ana, where county officials gathered Tuesday to celebrate the program.

The county plans to add nine more of the machines in partnership with Waste Management and those three cities. The \$400,000 to pay for the machines is coming from a dumping fee the county charges at its landfills.

The idea is to find something better to do with the mountains of food waste that Californians pitch into the garbage every year. That adds up to more than 6

million tons a year, according to the Department of Resources Recycling and Recovery.

The new food-recycling machine at Bella's Kitchen Too, inside the Hall of Records, has meant far fewer trips to the Dumpster, owner Joseph D'Angelo said - and free compost for his customers. And no, he said as he prepared to unload his latest batch, it doesn't smell like slowly cooking food waste.

"Smells like a bakery," he said. "Smells like brewing coffee."

CONTACT THE WRITER:

714-704-3777 or dirving@ocregister.com



Agenda Item 5 – *Legislative and Regulatory Report* ***David Tieu, P.E.*** ***Government & Community Relations***

This report provides the Waste Management Commission regular updates on the California Legislature as it pertains to solid waste management and OC Waste & Recycling's participation in the SOON Grant Program.

California Legislature

The Detailed Legislative Report includes a comprehensive status report of bills. The report is divided into the following sections:

- County of Orange Board-Approved Positions
- Bills of Interest
- Additional Waste-Related Bills

The Legislative Locations Update table recaps the status of the bills and provides an overall view of legislation OC Waste & Recycling is tracking.

Attachments:

- Attachment A - Detailed Legislative Report
- Attachment B - Legislative Locations Update
- Attachment C – 2011 Tentative Legislature Calendar

SOON Grant Program

Under the Surplus Off-Road Opt-In for Nitrogen Oxides (SOON) Grant Program, OC Waste & Recycling is partnering with the South Coast Air Quality Management District to accelerate pollution reduction measures by replacing older off-road diesel engines with new and cleaner engines. This will improve air quality within the South Coast Basin and result in less health impacts associated with diesel emissions. In addition, funds received from the SOON Program will help offset future departmental costs since most heavy equipment engines are eventually replaced to extend the equipment life and to conform to air quality regulations.

The SOON Grant Program table recaps the status of each SOON project, vehicles scheduled for repower, and grant monies awarded.

Attachments:

- Attachment D – SOON Grant Program

Recommended Action: Receive and file report.

Waste Management Commission
Thursday, January 13, 2011

Agenda Item 5 - Attachment A
Bill Status as of December 15, 2010

COUNTY OF ORANGE BOARD APPROVED POSITIONS

Position Legend

- Support** OC Waste & Recycling supports the bill, and has requested official BOS support.
Oppose OC Waste & Recycling opposes the bill, and has requested official BOS opposition.
Watch OC Waste & Recycling has no position on the bill, but will continue to monitor it because of possible implications for the Department.
BOS These initials following any position mean that the Board of Supervisors has officially taken the indicated position.

Notes with specific information about the effect of the legislation on OC Waste & Recycling follow each bill summary in blue type.

No positions have been taken at this time for the 2011 legislative session.

BILLS OF INTEREST

SB 23 (Simitian) Utilities: Renewable Energy Resources.

Position: Watch

Introduced: 12/6/2010

Status: 12/7/2010 - From printer. May be acted upon on or after January 6.

Location: 12/6/2010 - S. PRINT

2Year	Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptured
Dead	1st House				2nd House				Conc.			

Summary: Under existing law, the Public Utilities Commission (PUC) has regulatory authority over public utilities, including electrical corporations, as defined. Existing law requires the PUC to require the state's 3 largest electrical corporations, Pacific Gas and Electric Company, San Diego Gas and Electric, and Southern California Edison, to identify a separate electrical rate component to fund programs that enhance system reliability and provide in-state benefits. This rate component is a nonbypassable element of local distribution and collected on the basis of usage. Existing PUC resolutions refer to the nonbypassable rate component as a "public goods charge." The public goods charge moneys are collected to support cost-effective energy efficiency and conservation activities, public interest research and development not adequately provided by competitive and regulated markets, and renewable energy resources. This bill would require an applicant to inform the United States Department of Defense of a proposed project and that an application will be filed with the commission if the site and related facility specified in the application are proposed to be located within 1,000 feet of a military installation, or lie within special use airspace or beneath a low-level flight path, as defined. This bill contains other related provisions and other existing laws.

OC Waste & Recycling Notes: This bill has the potential of increasing the utilization of landfill gas as a renewable energy resource as electricity providers will be mandated to a Renewable Portfolio Standard (RPS) of 33% by 2020. Currently, the RPS is 20% by 2010.

ADDITIONAL WASTE-RELATED BILLS

[AB 34 \(Williams\)](#) Solid Waste: Compost Market Program.

Position: Watch

Introduced: 12/6/2010

Status: 12/7/2010 - From printer. May be heard in committee January 6.

Location: 12/6/2010 - A. PRINT

2Year	Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
Dead	1st House				2nd House				Conc.			

Summary: Existing law, the California Integrated Waste Management Act of 1989, establishes a compost market program to increase the use of compost products, including requiring the Department of General Services and Department of Resources Recycling and Recovery to maintain specifications for the purchase of compost by the state and requiring the Department of Transportation to use compost in place of, or to supplement, petroleum-based commercial fertilizers in the state's highway landscape maintenance program. The term compost is defined, for purposes of this program, as the product resulting from the controlled biological decomposition of organic wastes that are source separated from the municipal solid waste stream. This bill would specify that these organic wastes include, but are not limited to, vegetable, yard, and wood wastes that are not hazardous waste.

Waste Management Commission
January 13, 2011
Agenda Item 5 - Attachment B
Legislative Locations Update

Bill #	Author	Description	Location	Last Amended	County Position
AB 34	Williams	Compost Market Program	A. Printer	12/6/2010	Watch
SB 23	Simitian	Utilities: Renewable Energy Resources	S. Rules	12/6/2010	Watch

RED = VETOED/DEAD

GREEN = SIGNED

**ATTACHMENT C
2011 TENTATIVE LEGISLATIVE CALENDAR**

COMPILED BY THE OFFICE OF THE SECRETARY OF THE SENATE & THE OFFICE OF THE ASSEMBLY CHIEF CLERK
Revised 11-17-10

DEADLINES

JANUARY						
S	M	T	W	TH	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- Jan. 1** Statutes take effect (Art. IV, Sec. 8(c)).
- Jan. 3** Legislature **reconvenes** (J.R. 51(a)(1)).
- Jan. 10** Budget must be submitted by Governor (Art. IV, Sec. 12 (a)).
- Jan. 17** Martin Luther King, Jr. Day.
- Jan. 21** Last day to submit **bill requests** to the Office of Legislative Counsel.

FEBRUARY						
S	M	T	W	TH	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

- Feb. 18** Last day for bills to be **introduced** (J.R. 61(a)(1)), (J.R. 54(a)).
- Feb. 21** President's birthday

MARCH						
S	M	T	W	TH	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- Mar. 28** Cesar Chavez Day.

APRIL						
S	M	T	W	TH	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

- Apr. 14** **Spring Recess** begins at end of this day's session (J.R. 51(a)(2)).
- Apr. 25** Legislature reconvenes from **Spring Recess** (J.R. 51(a)(2)).

MAY						
S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- May 6** Last day for **policy committees** to hear and report to Fiscal Committees **fiscal bills** introduced in their house (J.R. 61(a)(2)).
- May 13** Last day for **policy committees** to hear and report to the Floor **non-fiscal** bills introduced in their house (J.R. 61(a)(3)).
- May 20** Last day for **policy committees** to meet prior to June 6 (J.R. 61(a)(4)).
- May 27** Last day for **fiscal committees** to hear and report to the Floor bills introduced in their house (J.R. 61 (a)(5)). Last day for **fiscal committees** to meet prior to June 6 (J.R. 61 (a)(6)).
- May 30** Memorial Day.
- May 31 – June 3 Floor Session Only.** No committee may meet for any purpose (J.R. 61(a)(7)).

**ATTACHMENT C
2011 TENTATIVE LEGISLATIVE CALENDAR**

COMPILED BY THE OFFICE OF THE SECRETARY OF THE SENATE & THE OFFICE OF THE ASSEMBLY CHIEF CLERK
Revised 11-17-10

JUNE						
S	M	T	W	TH	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

June 3 Last day for bills to be **passed out of the house of origin** (J.R. 61(a)(8)).

June 6 Committee meetings may resume (J.R. 61(a)(9)).

June 15 Budget must be passed by **midnight** (Art. IV, Sec. 12 (c)(3)).

JULY						
S	M	T	W	TH	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

July 4 Independence Day observed.

July 8 Last day for **policy committees** to meet and report bills (J.R. 61(a)(10)).

July 15 **Summer Recess** begins at the end of this day's session, provided Budget Bill has been enacted (J.R. 51(a)(3)).

AUGUST						
S	M	T	W	TH	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Aug. 15 Legislature reconvenes from **Summer Recess** (J.R. 51(a)(3)).

Aug. 26 Last day for **fiscal committees** to meet and report bills to the Floor (J.R. 61(a)(11)).

Aug. 29 – Sept. 9 Floor Session only. No committees, other than conference committees and Rules Committee, may meet for any purpose (J.R. 61(a)(12)).

SEPTEMBER						
S	M	T	W	TH	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Sept. 2 Last day to **amend** bills on the Floor (J.R. 61(a)(13)).

Sept. 5 Labor Day.

Sept. 9 Last day for **each house to pass bills** (J.R. 61(a)(14)).
Interim Study Recess begins at end of this day's session (J.R. 51(a)(4)).

IMPORTANT DATES OCCURRING DURING INTERIM STUDY RECESS

2011

Oct. 9 Last day for Governor to sign or veto bills passed by the Legislature on or before Sept. 9 and in the Governor's possession after Sept. 9 (Art. IV, Sec. 10(b)(1)).

2012

Jan. 1 Statutes take effect (Art. IV, Sec. 8(c)).

Jan. 4 Legislature reconvenes (J.R. 51 (a)(4)).

Waste Management Commission

January 13, 2011

Agenda Item 5 - Attachment D

Surplus Off-Road Opt-In for Nitrogen Oxides (SOON) Grant Program

Project No.	Contract Length	Site	Vehicle	NOx Reduction (tons/yr)	Grant Awarded	Actual Amount Received
1	March 25, 2010 to June 30, 2017	Olinda	824G Rubber-Tired Dozer	1.100	\$105,415	\$105,415
		FRB	D10R Dozer	2.111	\$196,541	\$196,541
		FRB	D10R Dozer	2.111	\$196,541	\$196,541
		FRB	657E Scraper	2.518	\$278,604	\$278,604
		FRB	657E Scraper	2.518	\$278,604	\$278,604
2	Sept. 10, 2010 to June 30, 2018	Prima	637E Scraper	1.499	\$143,548	\$0
		Olinda	D7E Diesel-Electric Dozer	1.093	\$104,748	\$0
3	February 1, 2011 to June 30, 2016	FRB	836G Compactor	1.020	\$78,941	\$0
TOTAL:					\$1,382,942	\$1,055,705

Notes:

1. SOON Contract No. 3 will be presented to the Board of Supervisors on January 11, 2011.