



COUNTY OF ORANGE

Waste & Recycling

Our Community. Our Commitment.

2017 Annual Report

OC WASTE & RECYCLING

PREPARING FOR CHANGE

2017 brought to OCWR a new director, a new direction and a focus on massive legislation-driven change.

It was a year of **preparing for change** that targets a range of human and environmental issues, from climate change to a state-wide push toward zero waste and diverting and capturing food waste to help solve the problem of food insecurity.

In short the waste industry is in a state of flux. Regulations are converging to create a perfect storm for waste haulers, cities and OC Waste & Recycling. Many new laws are mandating diversion of organic waste, with a heightened focus on food waste. Responding to these regulations is complex, complicated and challenging. And it is urgent. Milestones for diverting organic waste from Orange County’s landfills are fast approaching.

Through this annual report, we welcome you to review our progress and take a look at what the future holds.

Table of Contents

- LETTER FROM THE DIRECTOR 3
- ORGANIZATION4
- CONTINUING PROGRESS 6
- DRIVING CHANGE 8
- CHANGING LANDSCAPE 10
- EVOLVING TECHNOLOGIES 11
- GROWING TOGETHER..... 14
- AWARDS16
- YEAR IN REVIEW17
- 10-YEAR FINANCIAL FORECAST.....24



LETTER FROM THE DIRECTOR

Not since 1989 when Assembly Bill 939 was enacted has California's solid waste industry faced legislation requirements so transformative. That made 2017 a year of preparing for change at OC Waste & Recycling. Moving forward, we will transition from "promoting" to "practicing" recycling at new, world-class levels. This transition responds to industry changes, including new and pending legislation, particularly AB 1594, AB 1826 and SB 1383.

The newest legislation, SB 1383, targets greenhouse gas emissions resulting from methane generated by organic waste. That includes processed green waste we currently use as alternative daily cover, a benefit we will lose by 2020. Therefore, we spent the latter half of 2017 researching and building teams to help us become a comprehensive resource recovery facility, which will include alternative uses for processed green waste. We also invested in relationship-building to help cities and jurisdictions meet the new mandates placed on them as waste generators.

In 2017, we achieved many significant milestones, including seven industry, engineering, and community outreach awards. We're proud of our work this year, and we invite you to review our 2017 Annual Report to learn more. Thank you and enjoy!

Tom Koutroulis
Director





491,850
fee booth
transactions

ORGANIZATION

19,926
calls handled
at HQ
reception

OCWR manages one of the nation's premier solid waste disposal systems, serving residents and businesses in the County's 34 cities and unincorporated areas. Our three active landfills reflect environmental engineering at its best. They are among the largest in the state and annually receive more than 4 million tons of solid waste.

Mission

OC Waste & Recycling provides waste management services, protects the environment, and promotes recycling in order to ensure a safe and healthy community for current and future generations.

Vision

Our vision is to be the best waste management system in America.





BOARD OF SUPERVISORS



Andrew Do
Chairman
1st District



Shawn Nelson
Vice Chairman
4th District



Michelle Steel
2nd District



Todd Spitzer
3rd District



Lisa Bartlett
5th District

The Orange County Board of Supervisors oversees the management of County government and many special districts. The Board develops public policy to implement and, as necessary, refine the local application of state law. The five supervisors are elected to four-year terms by the voters of their respective districts.

Waste Management Commission

CHAIRMAN, 2nd District
Hon. Rob Johnson*

VICE CHAIR, 3rd District
Donald R. Froelich

COMMISSIONERS

1st District
Hon. Cheryl Brothers*
Deepak J. Krishan

2nd District
Joe J. Carchio
Tina M. Nieto

3rd District
Hon. Mike Alvarez*

4th District
Charles J. Kim
Hon. Christine Marick*
Hon. Chad Wanke

5th District
Hon. Cynthia Conners*
Joe Soto
Mark Tettemer

MEMBER AT LARGE
Hon. David J. Shawver*

EX OFFICIO
City Manager Representative
Bret M. Plumlee

DIRECTOR, OC WASTE & RECYCLING
Tom Koutroulis

*City Selection Committee appointee

The OC Waste Management Commission advises the Board of Supervisors on matters relating to the County's solid waste disposal system and serves as the designated Local Task Force.



353,099
tons of asphalt
recycled for road
construction

1,116,963
tons of dirt used
for cover

CONTINUING PROGRESS:

4,954,006
of trash received
system wide

WORLD-CLASS WASTE DISPOSAL

16,137
average tons per
day, based on
307 operational
days

OCWR's core business of landfilling continues with excellence in all areas. We averaged 47,000 transactions per month system-wide, and about 4.9 million tons of waste were disposed of during 307 days of operation.

Capital Improvements

Among operational highlights, work began in January on the second phase of the **front slope improvement project at Olinda Landfill** and partial final closure. This dual-purpose project includes implementation of the final closure of the section of the landfill that faces the community and includes landscaping to shield landfill operations from public view.

At Prima Deshecha Landfill, the third phase of viewshed improvement projects was completed. The trees planted provide a **visual buffer between landfill operations and motorists on Ave. La Pata**, which literally runs through the landfill.





INFRASTRUCTURE

At Frank R. Bowerman Landfill, crews installed the second phase of the soil buttress and liner construction that will provide **10.5 MILLION CUBIC YARDS** of capacity in addition to the **7 MILLION CUBIC YARDS** added the previous year. Work on a new crew quarters and storage facility began, which will add much-needed facilities to the site.

The department made significant progress in 2017 toward refreshing its aging landfill fleet with new, more efficient contemporary, regulatory-compliant heavy equipment. The new fleet features the best available technology for operations, including allowing for better grade control and utilization of landfills.

A Broadened Mission

For more than 50 years the County of Orange has been providing waste management services. Over time, the services offered to businesses and residents expanded to include regional **Household Hazardous Waste Collection Centers**, closed refuse station monitoring and environmental stewardship.

The newest regulations will add yet another area to OCWR's portfolio: **ORGANIC WASTE DIVERSION**. These complex and far-reaching regulations provide OCWR with opportunities to explore ways to divert organic materials. Composting is one way to address the organic waste diversion challenge. Planning for pilot composting projects was launched in 2017; the projects will test the economic and operational feasibility of composting on a larger scale.



The County provides four Hazardous Household Waste Collection Centers



8,042,100
pounds of waste
collected at the four
Household Hazardous
Waste Collection
Centers

191
tons of materials
diverted from
landfills through
collection and
clean-up events

DRIVING CHANGE:

NEW LEGISLATION

158,431
resident visits
to the HHW
centers

Three new bills in particular are recasting the waste industry in California. They represent different approaches to reaching the same goal: Divert organic waste from California's landfills. These regulatory pressures call for creative, entrepreneurial responses. OCWR's responses begin with a strategy based on a regional leadership approach. OCWR, waste haulers and cities are cutting a new path to the new, 21st-century waste industry.



SB 1383

METHANE EMISSIONS REDUCTION

SB 1383 uses **METHANE EMISSIONS REDUCTION AS THE DRIVING FORCE FOR ORGANIC WASTE DIVERSION AND EDIBLE FOOD RECOVERY**. The two-part bill seeks to reduce organic waste by 75 percent and recover 20 percent of edible food for human consumption by 2025.



AB 1826

MANDATORY COMMERCIAL ORGANICS RECYCLING

AB 1826 launched on January 1, 2017. It calls for **MANDATORY COMMERCIAL ORGANICS RECYCLING**. Through incremental implementation this bill seeks to divert 50 percent of commercial organic waste by January 1, 2020.



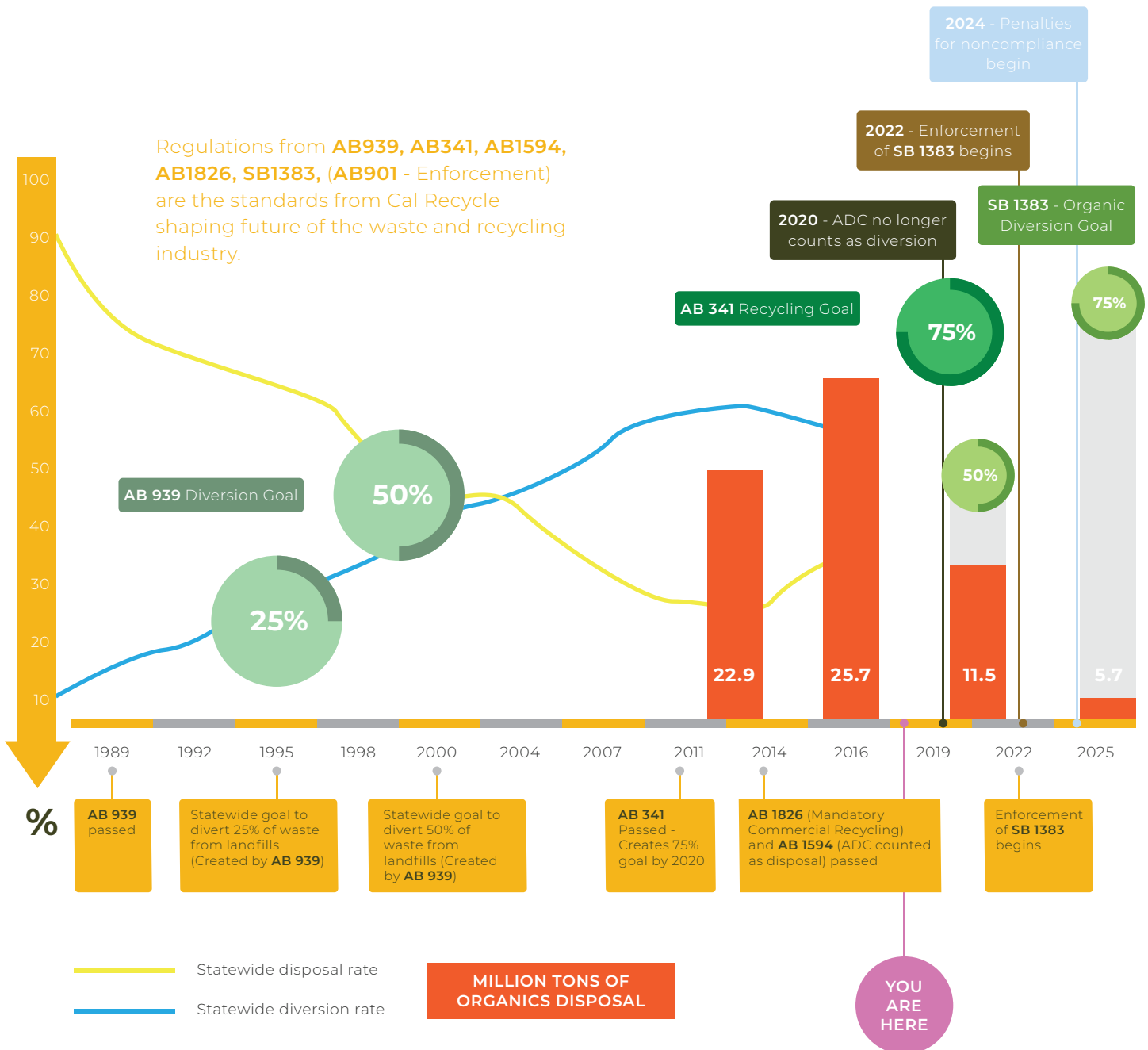
AB 1594

WASTE MANAGEMENT

AB 1594 redefines **PROCESSED GREEN MATERIAL (PGM)** used for alternative daily cover (ADC) as material for disposal rather than diversion.

BUILDING A REGIONAL APPROACH

Legislation beginning in 1989 set into motion an ongoing era of major industry transformation. OCWR is developing a collaborative approach that will create a regional solution.





CHANGING LANDSCAPE:

PAVING THE WAY FOR ORGANIC WASTE MANAGEMENT

**637,866
TONS**
of green waste
recycled as
alternative daily
cover

Given that nearly 40 percent of the waste stream to OC's landfills consists of organic materials, Organics Management is a key strategic initiative articulated in OCWR's 2014-2019 Internal Strategic Plan. An Organics Initiative Committee was formed to prepare a plan for future organics recycling in County unincorporated areas, and to assist cities with future organics recycling requirements if possible.

What Our Organics Committee Has Been Exploring

During 2017 the Organics Initiative Committee members analyzed the regulations and existing market conditions for compost products, visited composting facilities in southern California and studied the feasibility of various potential locations for composting operations. The committee built a sound framework from which to begin implementation of small pilot projects at the landfill sites.

At the end of the year the committee expanded to include subcommittees that began working in tandem to determine how OCWR will move forward with composting as a regional organics solution.





EVOLVING TECHNOLOGIES:

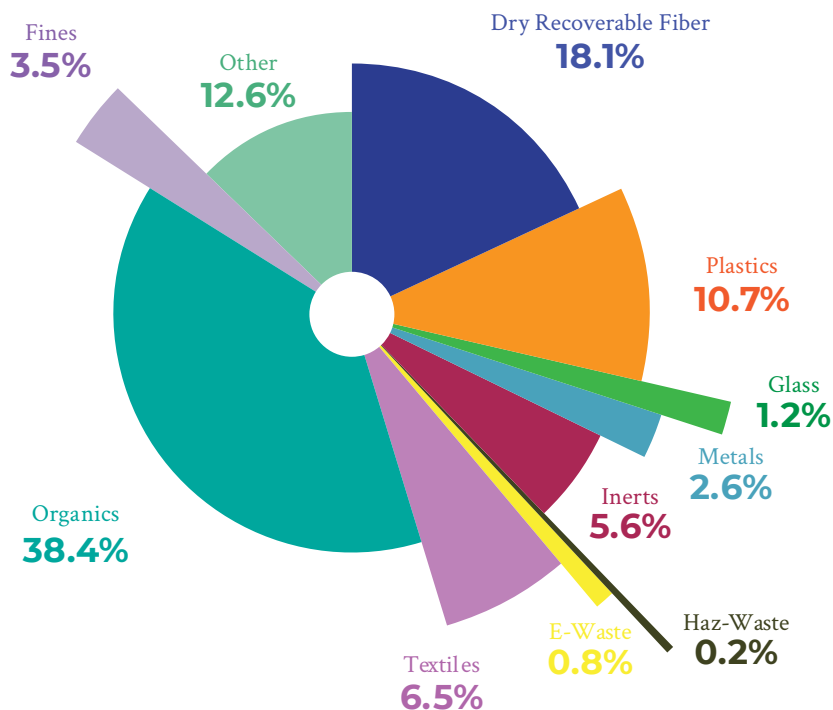
PAVING THE WAY FOR
ORGANIC WASTE MANAGEMENT

210
trees planted

2017 also saw the completion of a study of renewable technologies opportunities. Among other research, a Waste Characterization Study provided data on the volume of organic material that would be diverted.

WASTE CHARACTERIZATION STUDY

The amount is sobering—**40 PERCENT OF ORANGE COUNTY'S LANDFILL WASTE IS ORGANIC MATERIAL.** More than one million tons per year will need to be diverted, in spite of a significantly lacking local organics processing infrastructure.



The study identified composting as the most favorable near-term local diversion solution, supported by the department's valuable land assets and human infrastructure. Maintaining low, stable disposal rates remains a goal of every project.



Landfill Gas to RNG

Landfill-gas-to-renewable natural gas projects also are near-term projects. In 2017 OCWR began work to engage a developer to utilize the landfill gas and real estate at the Coyote Canyon closed landfill for energy-related facilities that may include electricity generation, fuel production or energy storage. Also a search was launched to find a qualified developer to utilize the excess landfill gas at the Bowerman Landfill.



45,488
STUDENTS
taught by
OCWR's outreach
partners

1,561
tour
guests

GROWING TOGETHER:

105
landfill
tours

ENGAGING OUR COMMUNITIES

26
Community
engagement
events

In these days of hyper-local social media and a very crowded media landscape, OC Waste & Recycling is reaching out to Orange County communities and neighborhoods in various ways to engage, motivate and educate.

Educational Outreach of All Kinds

We launched a Speakers Bureau in 2017, providing experts free of charge to educational, municipal and community organizations. We continued our Landfill Tour Program, providing 105 tours to more than 1,500 residents. **The popular Eco Challenge Exhibit at Discovery Cube Orange County reached more than 500,000 visitors in 2017.** Discovery Cube also brought classroom programs to more than 3,476 5th- and 6th-grade students across Orange County. And Discovery Cube hosted the 2017 Earth Day event, which featured engaging activities and a visit from Angels Pitcher Matt Shoemaker.

OCWR also continued its partnerships with Angels Baseball and the Anaheim Ducks. As members of the Green Sports Alliance, both organizations are committed to improving their environmental performance. From activity booths at games to player appearances and community collection events, **OCWR is leveraging outreach opportunities with the teams to reach multi-generational and multi-cultural audiences.**





WASTE GRANTS

In 2017 OCWR issued a call for proposals for a \$3 million Regional Recycling and Waste Reduction Grant program, which is funded by the AB939 Self-Haul Surcharge. It offers funding to organizations that develop sustainable programs to support compliance with state-mandated organic waste diversion goals.

Applicants submitted innovative proposals for a range of residential and commercial education and diversion programs covering food recovery, organic waste collection and recycling, composting and school recycling. Funding begins in 2018, and we anticipate important results by the end of the year that can help energize the regional effort to meet state organic waste mandates.

Good Neighbor Program

Sometimes being a good neighbor means going the extra mile to solve a problem. OC Waste & Recycling's neighborliness was put to the test in 2017. **Two concerns at two different landfills kept staff occupied, carefully tracking data in pursuit of a resolution.**

In one landfill-adjacent neighborhood, a complicated set of weather-related circumstances caused a pungent odor. The landfill was assumed to be the source. **Following a record number of calls about the odor OCWR took various steps, including engaging our partners at the City of Irvine, to help resolve the issue—which was not related to the landfill.**

Throughout the landfill system, we employ best management practices, including prompt responses and ongoing, two-way communication, to resolve issues. To mitigate potential annoyances, we manage the **hours of acceptance of odorous materials, plant trees between the landfill and the adjacent neighborhood and strategically use misting systems to keep odors in control, and install permanent litter fencing as needed.**

Most importantly, a complaint reporting protocol gives neighbors direct access to management. We set a high standard for our department, and our neighbors have appreciated it.

11,798

visitors to Eco
Challenge
exhibits at
Discovery Cube

521

Eco Challenge
poster contest
participants





AWARDS

2017

7

professional
association awards
received

The awards that OCWR projects and programs receive annually recognize **Excellence in Innovation, Efficiency, Creativity, Partnerships and Collaboration.** In 2017, OCWR received 7 awards, bringing the total to 36 since the agency began keeping count.



SWANA[®]

SILVER EXCELLENCE AWARD
Landfill Gas and Biogas Category

Bowerman Power Project



SWANA[®]

BRONZE EXCELLENCE AWARD
Educational Program Category

OC Landfill Tour Program



ACHIEVEMENT AWARD

OC Landfill Tour Program



ACHIEVEMENT AWARD

*Capital Improvement Planning
Program Model*



INNOVATIVE ENERGY
PROJECT OF THE YEAR

Bowerman Power Project



GOLDEN HUB OF INNOVATION

OC Landfill Tour Program



DISTINGUISHED PROJECT AWARD

La Pata Gap Extension Project



YEAR IN REVIEW 2017

JANUARY



Work begins on the Olinda front slope improvement project, Phase 2 of the partial final closure.

FEBRUARY



ORGANICS INITIATIVE

OCWR launches the Organics Strategic Initiative and begins baseline work to develop an organics program to address AB 1594 and SB 1383.



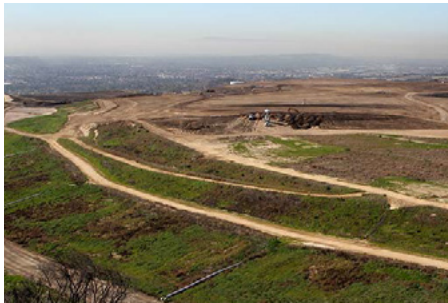
To deliver on the OCWR Good Neighbor promise, OCWR identifies the source of an ongoing, non-landfill odor in a neighborhood adjacent to FRB and collaborates to get it resolved.



MARCH



After 15 years of service to OCWR, the last three as director, Dylan Wright leaves the department to serve as director of OC Community Services at the request of CEO Frank Kim.



North Region passes Cal Recycle/LEA 18-month inspection, with compliments from the regulators on how well the site looks and operates.



San Diego's local NBC news produces and airs a four-minute segment about the bird abatement program at Prima, showcasing OC Landfills' environmental stewardship and protection measures.

[WATCH VIDEO](#)

APRIL



OCWR Celebrates Earth Day Eco Challenge at Discovery Cube; Angels pitcher Matt Shoemaker and First District Supervisor Andrew Do lend their support.



OCWR resumes operational control of Landfill Gas Collection and Control System at the Coyote Canyon Landfill from the former gas-to-energy plant operator.



MAY



OCWR draws hundreds to Eco Challenge Day at the Fiesta Angels event; booth includes educational partners and Angels player Garrett Richards.



Dine at the Dump raises \$5,000 for United Way.



Landfill Tour Program receives a Golden Hub of Innovation Award in the category of Community Outreach.

JUNE



SPEAKERS BUREAU

Strategic Communications group launches OCWR Speakers Bureau.



JULY



Following a nationwide search Tom Koutroulis is named OCWR director, bringing more than 25 years professional waste and recycling industry and community relations experience.

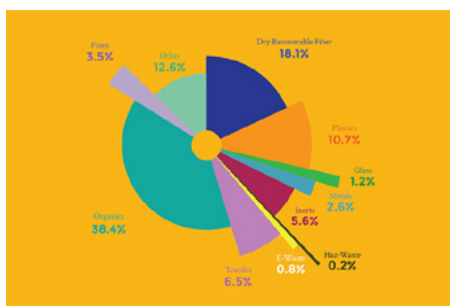


National Association of Counties honors Landfill Tour Program and Capital Improvement Planning Program Model with Achievement Awards.



OCWR holds inaugural National Drive-Thru Day event to promote proper disposal of household hazardous waste at the department's HHW collection centers.

AUGUST



Orange County Waste Characterization Study is published; reveals 38.4 percent of residential and commercial waste is organic material.



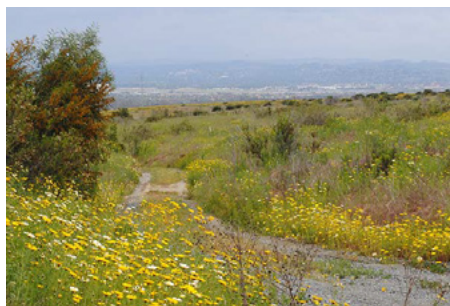
Solid Waste Association of North America (SWANA) honors Bowerman Power with a Silver Excellence Award and the Landfill Tour Program with a Bronze Excellence Award.



SEPTEMBER



Poster contest winners celebrated at Angel Stadium; contest draws a record 521 entries.



Board of Supervisors selects firms to develop a golf course at the closed Coyote Canyon Landfill.



Bowerman Power Project receives the Innovative Energy Project of the Year Award from the Association of Energy Engineers (AEE) Region V.

OCTOBER



2017 Golf Tournament raises more than \$20K for United Way.



OCWR completes major purchase of state-of-the-art landfill heavy equipment.



La Pata Gap Extension Project receives the WCCC Distinguished Project Award in collaboration with OC Public Works.



La Pata view shed Phase 3 completed.

NOVEMBER



Ducks partner with OCWR to promote recycling throughout OC and celebrate America Recycles Day at the Honda Center.



Permanent litter fence, misting systems and odor neutralizers installed at Prima as part of OCWR's Good Neighbor mitigation efforts.



Construction of permanent cell towers at Coyote Canyon closed landfill begins; it's the next phase of the overhaul of the previous landfill gas to energy plant.

DECEMBER

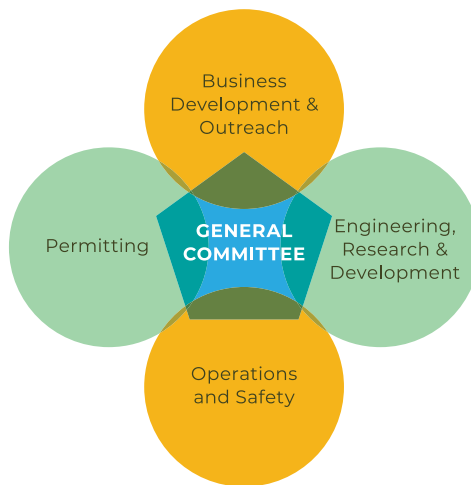


Rob Johnson elected chair and Don Froelich elected vice chair of Waste Management Commission.



World class mitigation efforts contribute to all three sites passing critical LEA inspections, despite multiple days of litter-generating, extremely high winds.

Project Work Group Structure



Organics Initiative Subcommittees launch and begin work on operational, management and community relations efforts tied to new organics legislation.



Testing of new drone operation begins.



COUNTY OF ORANGE

Waste & Recycling

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OC WASTE & RECYCLING

10-YEAR FORECAST

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

HIGHLIGHTS OF TEN-YEAR FINANCIAL FORECAST

OC Waste & Recycling is responsible for the administration and management of Orange County's solid waste disposal system. The Department is organized as an enterprise fund and is primarily supported by revenues from disposal fees that are charged to customers. OC Waste & Recycling receives no tax revenues or County General Fund contributions to support its operations.

System tonnage (includes in-County and importation tonnage) received in FY 2016/17 was 4.81 million tons, consisting of 3.05 million tons in-County and 1.76 million tons from importation sources. In-County and importation tonnage is forecasted at approximately 3.14 million tons and 1.75 million tons, respectively, in FY 2017/18. Although tonnage has increased over the past five years, an overall decline is projected for the forecasted period (CHART 1 and Table A. System Tonnage) due to the possible impact of state regulations regarding increased diversion, restrictions on types of tonnage disposed at the landfills, and the scheduled closure of the Olinda Alpha Landfill in FY 2021/22.

With the continuation of waste importation beyond June 30, 2016, from the approval of Amendment I to the Waste Disposal Agreements in April 2016 and OC Waste & Recycling projects net importation revenue sharing to the County in the range of \$8 million a year and the same amount going to Orange County cities.

The 10-Year Forecast included in this Annual Report is for FY 2017/18 through FY 2026/27. The forecast includes the assumption that the Olinda Alpha Landfill in Brea will close by December 31, 2021, per the existing agreement with the City of Brea. As of this report publication date, OC Waste & Recycling continues to work closely with the City to extend the operation of the landfill beyond that date to meet the available capacity for waste collection and continue to provide a valuable public service. The 2021 closure assumption of the Olinda Alpha Landfill included in this forecast impacts OC Waste & Recycling's tonnage projections. Because of permitted and contractual limits as to how much tonnage is allowed to be disposed, the forecast includes an assumption that if the Olinda Alpha Landfill were to close in 2021, there would not be an ability to continue importation at the other Orange County landfills.

System expenses include significant capital project costs related to the future development of the landfill and waste management system throughout the forecasted period (Table C. System Expenses). Expenses are projected to be higher than revenues in the years with large capital projects (CHART 2). OC Waste & Recycling will strategically utilize reserves as well as maximize operational efficiencies and monitor expenditures to decrease the shortfall. In addition, OC Waste & Recycling's long term financial strategy includes the pursuit of waste management alternatives such as renewable and conversion technologies, organic material management, and other revenue-generating options.

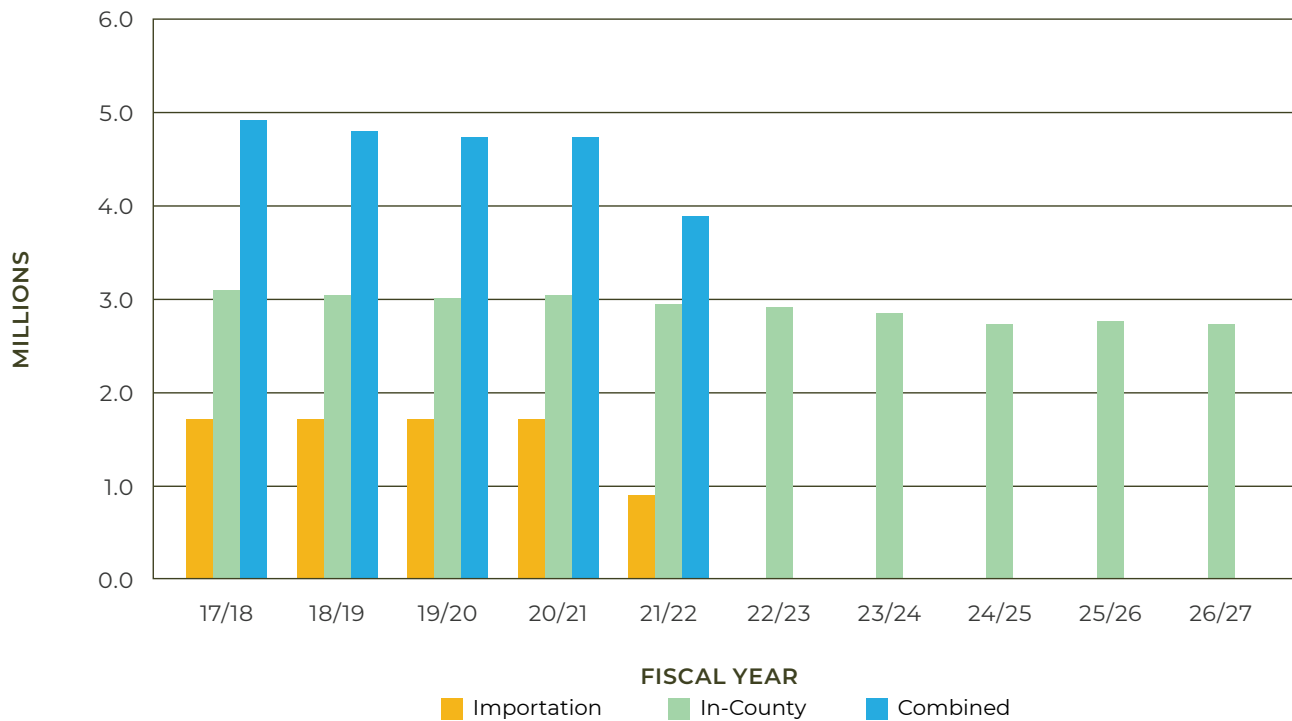
The schedule following CHART 1 and CHART 2 provides a two-year summary of audited financial data for fiscal years ending June 30, 2017 and 2016, respectively. In addition, detailed schedules for tonnage, revenues, expenses, cash reserves and accrued closure and postclosure liabilities for the 10-year forecast period are presented (Tables A through K).

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

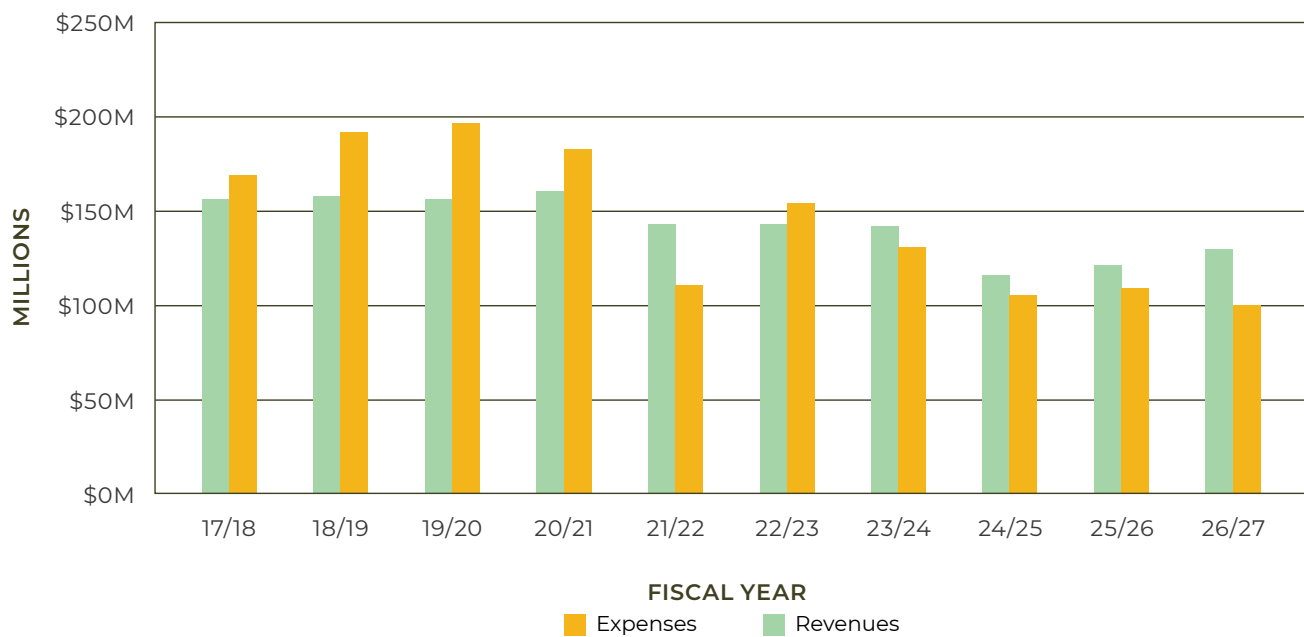
SYSTEM TONNAGE

CHART 1



SYSTEM FINANCIAL PROJECTIONS - FUNDS 273, 295, 299

CHART 2



OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

TONNAGE & FINANCIAL DATA FOR FISCAL YEARS ENDING JUNE 30, 2017 & 2016

DISPOSABLE WASTE TONNAGE [1]

	6/30/2017	6/30/2016
In-County	3,049,955	2,965,581
Importation	1,759,885	1,806,950
Total System Tonnage	4,809,840	4,772,531

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION FOR THE YEARS ENDED JUNE 30, 2017 & 2016 [2]

	6/30/2017	6/30/2016
Total Revenues	\$ 158,046,207	\$ 152,630,747
Total Expenses	\$ 131,430,537	\$ 117,668,398
Change in Net Position	\$ 26,615,670	\$ 34,962,349

CASH BALANCES [3]

	6/30/2017	6/30/2016
Enterprise/Operating Fund	\$ 179,601,305	\$ 166,844,745
Capital Project Fund	\$ 16,922,983	\$ 15,725,391
Corrective Action Escrow Fund	\$ 8,256,097	\$ 8,214,988
Environmental Reserve Fund	\$ 58,599,196	\$ 72,888,914
Deferred Payment Security Deposits Fund	\$ 646,548	\$ 546,553
Habitat Mitigation Escrow Funds	\$ 983,289	\$ 983,289

ACCRUED CLOSURE AND POSTCLOSURE [3]

	6/30/2017	6/30/2016
Landfill Closure Liabilities	\$ 60,398,582	\$ 57,169,089
Landfill Postclosure Liabilities	\$ 98,082,004	\$ 103,505,885
Escrow Funds (Closure) Cash Balance	\$ 89,122,820	\$ 88,714,452
Landfill Postclosure Cash Balance	\$ 132,325,080	\$ 143,514,593

[1] Source: Disposal Reporting System (DRS) Monthly Tonnage Reports.

[2] Source: OC Waste & Recycling 2017 and 2016 Audited Financial Statements and Trial Balance.
(Macias Gini & O'Connell LLP - MGO Certified Public Accountants)

[3] Source: 2nd Close Figures obtained from County financial system reports.
2nd Close Figures include adjustments and reclassifications to the General Ledger subsequent to the official June 30 year-end close.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

A. SYSTEM TONNAGE

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Frank R. Bowerman Landfill	1,545,898	1,501,274	1,496,138	1,504,129	2,022,237
Olinda Alpha Landfill	1,172,840	1,131,813	1,127,941	1,133,966	553,603 *
Prima Deshecha Landfill	419,293	392,857	391,537	386,591	377,468
Total In-County Tonnage	3,138,031	3,025,944	3,015,616	3,024,686	2,953,308
Frank R. Bowerman Landfill	828,407	655,217	645,681	660,518	298,431
Olinda Alpha Landfill	825,842	1,017,187	1,021,059	1,015,034	519,774
Prima Deshecha Landfill	98,747	87,302	87,006	87,466	42,712
Total Imported Tonnage	1,752,997	1,759,706	1,753,746	1,763,018	860,916 **
Total System Tonnage***	4,891,028	4,785,650	4,769,362	4,787,704	3,814,224
DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Frank R. Bowerman Landfill	2,513,396	2,450,759	2,387,643	2,402,216	2,416,301
Olinda Alpha Landfill	0	0	0	0	0
Prima Deshecha Landfill	368,317	359,138	349,889	352,024	354,088
Total In-County Tonnage	2,881,713	2,809,897	2,737,532	2,754,240	2,770,389
Frank R. Bowerman Landfill	0	0	0	0	0
Olinda Alpha Landfill	0	0	0	0	0
Prima Deshecha Landfill	0	0	0	0	0
Total Imported Tonnage	0	0	0	0	0
Total System Tonnage***	2,881,713	2,809,897	2,737,532	2,754,240	2,770,389

* Olinda Alpha Landfill is currently scheduled to close in December 2021. In-county tonnage to Olinda is projected to be diverted to Frank R. Bowerman Landfill after its closure.

** Due to daily capacity limits at Frank R. Bowerman Landfill and Prima Deshecha Landfill, importation tonnage will end if Olinda Alpha Landfill closes in December 2021.

*** System tonnage projection for the forecasted period is higher than the projection in the 2016 Annual Report due to anticipated lower rate of organics recovery and higher population/economic growth.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

B. SYSTEM REVENUES

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Fund 299 Enterprise /					
Operating - Total Revenues	\$ 112,442,469	\$ 112,604,000	\$ 112,758,805	\$ 115,123,614	\$ 116,179,150
Fund 273 Capital Project /					
Operating - Total Revenues*	\$ 150,000	\$ 100,000	\$ 24,000	\$ 32,000	\$ 48,000
Fund 295 Importation Revenue					
Sharing - Total Revenues	\$ 46,279,000	\$ 47,482,105	\$ 48,399,680	\$ 49,774,452	\$ 24,865,387***
Total Projected Revenues	\$ 158,871,469	\$ 160,186,105	\$ 161,182,485	\$ 164,930,066	\$ 141,092,537
DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Fund 299 Enterprise /					
Operating - Total Revenues	\$ 141,122,580**	\$ 140,697,035**	\$ 118,048,129	\$ 121,497,076	\$ 124,979,933
Fund 273 Capital Project /					
Operating - Total Revenues*	\$ 194,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000
Fund 295 Importation Revenue					
Sharing - Total Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
Total Projected Revenues	\$ 141,316,580	\$ 140,724,035	\$ 118,075,129	\$ 121,524,076	\$ 125,006,933

* Interest earnings is the only revenue generated by Fund 273.

** Includes projected transfers-in from Olinda Alpha Landfill's Closure Escrow Fund 286 to reimburse Fund 299 in FY 2022/23 and FY 2023/24 for the final closure costs.

*** Due to daily capacity limits at Frank R. Bowerman Landfill and Prima Deshecha Landfill, importation tonnage will end when Olinda Alpha Landfill closes in December 2021.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

C. SYSTEM EXPENSES

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Fund 299 Enterprise /					
Operating - Total Expenses	\$ 106,690,984	\$ 122,140,431	\$ 139,689,603	\$ 109,006,378	\$ 97,198,253
Fund 273 Capital Project /					
Operating - Total Expenses	\$ 40,804,009	\$ 45,635,000	\$ 34,742,000	\$ 50,135,000	\$ 5,704,000
Fund 285/295 Importation Revenue					
Sharing - Total Expenses	\$ 23,639,481	\$ 20,897,800	\$ 21,116,528	\$ 20,050,336	\$ 9,961,616*
Total System Expenses	\$ 171,134,474	\$ 188,673,231	\$ 195,548,131	\$ 179,191,714	\$ 112,863,869

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Fund 299 Enterprise /					
Operating - Total Expenses	\$ 122,917,012**	\$ 128,724,872**	\$ 104,266,196	\$ 105,293,000	\$ 99,845,904
Fund 273 Capital Project /					
Operating - Total Expenses	\$ 30,102,000	\$ 2,000***	\$ 2,000***	\$ 3,002,000	\$ 2,000***
Fund 295 Importation Revenue					
Sharing - Total Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
Total System Expenses	\$ 153,019,012	\$ 128,726,872	\$ 104,268,196	\$ 108,295,000	\$ 99,847,904

* Due to daily capacity limits at Frank R. Bowerman Landfill and Prima Deshecha Landfill, importation tonnage will end if Olinda Alpha Landfill closes in December 2021.

** Includes final closure costs for Olinda Alpha Landfill.

*** No capital project spending is scheduled for FY 2023/24, FY 2024/25, and FY 2026/27.

D. SYSTEM ENTERPRISE FUNDS

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
CASH BALANCE					
Fund 299 - Enterprise / Operating *	\$ 115,374,832	\$ 103,329,143	\$ 63,292,456	\$ 42,376,652	\$ 69,363,394
Fund 273 - Capital Project /					
Operating	\$ 20,808,974	\$ 1,891,595	\$ 1,891,595	\$ 1,891,595	\$ 1,891,595
Total Balance	\$ 136,183,806	\$ 105,220,738	\$ 65,184,051	\$ 44,268,247	\$ 71,254,989

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
CASH BALANCE					
Fund 299 - Enterprise / Operating *	\$ 56,821,570	\$ 68,068,619	\$ 81,869,184	\$ 95,162,005	\$ 120,305,058
Fund 273 - Capital Project /					
Operating	\$ 1,891,595	\$ 1,916,595	\$ 1,941,595	\$ 1,891,595	\$ 1,916,595
Total Balance	\$ 58,713,165	\$ 69,985,214	\$ 83,810,779	\$ 97,053,600	\$ 122,221,653

* Cash balance decreases in years with large capital projects.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

E. CORRECTIVE ACTION ESCROW FUND

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Fund 274 - Corrective Action Escrow					
CASH BALANCE	\$ 8,329,097	\$ 8,439,097	\$ 8,530,097	\$ 8,622,097	\$ 8,715,097

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Fund 274 - Corrective Action Escrow					
CASH BALANCE	\$ 8,809,097	\$ 8,904,097	\$ 9,000,097	\$ 9,097,097	\$ 9,195,097

F. ENVIRONMENTAL RESERVE FUND

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Fund 275 - Environmental Reserve					
CASH BALANCE	\$ 58,910,598	\$ 50,960,598	\$ 66,292,582*	\$ 80,000,000*	\$ 80,000,000

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Fund 275 - Environmental Reserve					
CASH BALANCE	\$ 80,000,000	\$ 80,000,000	\$ 80,000,000	\$ 80,000,000	\$ 80,000,000

* Cash balance increases in FY 2019/20 and FY 2020/21 are due to reimbursements from Fund 279.

G. DEFERRED PAYMENT SECURITY DEPOSITS FUND

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Fund 276 - Deferred Payment Security Deposits					
CASH BALANCE	\$ 646,548	\$ 646,548	\$ 646,548	\$ 646,548	\$ 646,548

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Fund 276 - Deferred Payment Security Deposits					
CASH BALANCE	\$ 646,548	\$ 646,548	\$ 646,548	\$ 646,548	\$ 646,548

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

H. HABITAT MITIGATION ESCROW FUNDS

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
Fund 272 - Prima Deshecha Landfill and the La Pata Avenue Gap Closure					
CASH BALANCE	\$ 104,279	\$ 104,279*	\$ -	\$ -	\$ -
Fund 288 - FRB Landfill Wetland Creation & Agua Chinon Wash Riparian					
CASH BALANCE	\$ 879,010	\$ 879,010	\$ 879,010	\$ 879,010	\$ 879,010
Total Balance	\$ 983,289	\$ 983,289	\$ 879,010	\$ 879,010	\$ 879,010
DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Fund 272 - Prima Deshecha Landfill and the La Pata Avenue Gap Closure					
CASH BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -
Fund 288 - FRB Landfill Wetland Creation & Agua Chinon Wash Riparian					
CASH BALANCE	\$ 879,010	\$ 879,010**	\$ -	\$ -	\$ -
Total Balance	\$ 879,010	\$ 879,010	\$ -	\$ -	\$ -

* Per the agreement with the California Department of Fish and Game for habitat mitigation, requirement ends in FY 2018/19.

** Per the agreement with the California Department of Fish and Game for habitat mitigation, requirement ends in FY 2023/24.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

I. CLOSURE ESCROW FUNDS

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
FRANK R. BOWERMAN LANDFILL					
Annual Tonnage of Refuse	2,374,305	2,156,491	2,141,819	2,164,647	2,320,668
Cash Balance at 6/30/XX	\$ 29,661,970	\$ 30,062,970	\$ 30,382,970	\$ 30,712,970	\$ 31,042,970
OLINDA ALPHA LANDFILL					
Annual Tonnage of Refuse	1,998,682	2,149,000	2,149,000	2,149,000	1,073,377
Cash Balance at 6/30/XX	\$ 39,561,721	\$ 40,093,721	\$ 40,523,721	\$ 40,963,721	\$ 43,003,082
PRIMA DESHECHA LANDFILL					
Annual Tonnage of Refuse	518,040	480,159	478,543	474,057	420,180
Cash Balance at 6/30/XX	\$ 20,908,929	\$ 21,189,929	\$ 21,418,929	\$ 21,649,929	\$ 21,883,929
DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
FRANK R. BOWERMAN LANDFILL					
Annual Tonnage of Refuse	2,513,396	2,450,759	2,387,643	2,402,216	2,416,301
Cash Balance at 6/30/XX	\$ 31,382,970	\$ 31,722,970	\$ 32,062,970	\$ 32,412,970	\$ 32,762,970
OLINDA ALPHA LANDFILL					
Annual Tonnage of Refuse	0*	0	0	0	0
Cash Balance at 6/30/XX	\$ 21,415,082**	\$ -	\$ -	\$ -	\$ -
PRIMA DESHECHA LANDFILL					
Annual Tonnage of Refuse	368,317	359,138	349,889	352,024	354,088
Cash Balance at 6/30/XX	\$ 22,119,929	\$ 22,358,929	\$ 22,599,929	\$ 22,937,291	\$ 23,741,291

* Olinda Alpha Landfill is scheduled to close in December 2021 and enter into the closure period in 2022.

** Transfers-out to reimburse Fund 299 for Olinda Alpha Landfill closure costs occur in FY 2022/23 and FY 2023/24.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

J. LANDFILL POSTCLOSURE MAINTENANCE FUND

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
CASH BALANCE					
Fund 279 - Landfill Postclosure Maintenance					
Beginning Balance at 7/01/XX	\$ 132,325,080	\$ 129,938,669	\$ 113,670,143	\$ 135,561,774	\$ 130,927,453
Expenditures	\$ (3,283,946)	\$ (5,261,440)	\$ (1,970,673)	\$ (2,015,998)	\$ (2,062,366)
Net Transfers to/from Other Funds*	\$ (312,465)	\$ (12,107,086)	\$ 22,710,304	\$ (3,997,323)	\$ -
Net Interest Earnings	\$ 1,210,000	\$ 1,100,000	\$ 1,152,000	\$ 1,379,000	\$ 1,331,000
Ending Balance at 6/30/XX	\$ 129,938,669	\$ 113,670,143	\$ 135,561,774	\$ 130,927,453	\$ 130,196,087

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
CASH BALANCE					
Fund 279 - Landfill Postclosure Maintenance					
Beginning Balance at 7/01/XX	\$ 130,196,087	\$ 129,408,287	\$ 128,561,961	\$ 126,083,144	\$ 123,498,345
Expenditures	\$ (2,109,800)	\$ (2,158,326)	\$ (3,781,817)	\$ (3,868,799)	\$ (3,957,782)
Net Transfers to/from Other Funds*	\$ -	\$ -	\$ -	\$ -	\$ -
Net Interest Earnings	\$ 1,322,000	\$ 1,312,000	\$ 1,303,000	\$ 1,284,000	\$ 1,256,000
Ending Balance at 6/30/XX	\$ 129,408,287	\$ 128,561,961	\$ 126,083,144	\$ 123,498,345	\$ 120,796,563

* Net transfers include temporary transfers out to and in from other funds.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

K. LANDFILL CLOSURE AND POSTCLOSURE LIABILITIES

DESCRIPTION	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
FRANK R. BOWERMAN LANDFILL					
Annual Tonnage of Refuse Buried	2,374,305	2,156,491	2,141,819	2,164,647	2,320,668
% of Maximum Capacity Filled	32.94%	34.10%	35.26%	36.43%	37.69%
Estimated Closure Cost	\$ 40,932,927	\$ 41,546,921	\$ 42,502,500	\$ 43,480,058	\$ 44,480,099
Accrued Closure Liability	\$ 13,483,306	\$ 14,167,500	\$ 14,986,382	\$ 15,839,785	\$ 16,764,549
Estimated Postclosure Cost	\$ 52,354,663	\$ 53,139,983	\$ 54,362,203	\$ 55,612,534	\$ 56,891,622
Accrued Postclosure Liability	\$ 17,245,626	\$ 18,120,734	\$ 19,168,113	\$ 20,259,646	\$ 21,442,452
OLINDA ALPHA LANDFILL					
Annual Tonnage of Refuse Buried	1,998,682	2,149,000	2,149,000	2,149,000	1,073,377
% of Maximum Capacity Filled	82.05%	84.28%	86.50%	88.73%	100.00%
Estimated Closure Cost	\$ 39,270,006	\$ 39,859,056	\$ 40,775,815	\$ 41,958,313	\$ 43,175,104
Accrued Closure Liability	\$ 32,221,040	\$ 33,593,213	\$ 35,271,080	\$ 37,229,611	\$ 43,175,104*
Estimated Postclosure Cost	\$ 40,584,895	\$ 41,193,668	\$ 42,141,122	\$ 43,110,368	\$ 44,101,906
Less Postclosure Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -
Accrued Postclosure Liability	\$ 33,295,848	\$ 34,713,904	\$ 36,456,285	\$ 38,256,141	\$ 44,101,906*
PRIMA DESHECHA LANDFILL - ZONE 1					
Annual Tonnage of Refuse Buried	518,040	480,159	239,272	237,029	210,090
% of Maximum Capacity Filled	68.30%	69.64%	70.30%	70.96%	71.55%
Estimated Closure Cost	\$ 25,257,544	\$ 25,636,407	\$ 26,226,044	\$ 26,829,243	\$ 27,446,316
Accrued Closure Liability	\$ 17,250,902	\$ 17,853,194	\$ 18,436,909	\$ 19,038,031	\$ 19,637,839
Estimated Postclosure Cost	\$ 29,453,007	\$ 29,894,802	\$ 30,582,382	\$ 31,285,777	\$ 32,005,350
Accrued Postclosure Liability	\$ 20,119,349	\$ 20,818,740	\$ 21,499,415	\$ 22,200,387	\$ 22,896,627
PRIMA DESHECHA LANDFILL - ZONE 4					
Annual Tonnage of Refuse Buried	0	0	239,272	237,029	210,090
% of Maximum Capacity Filled	0.00%	0.00%	0.35%	0.69%	1.00%
Estimated Closure Cost	\$ 38,251,049	\$ 38,824,815	\$ 39,717,786	\$ 40,631,295	\$ 41,565,815
Accrued Closure Liability	\$ -	\$ -	\$ 139,012	\$ 280,356	\$ 415,658
Estimated Postclosure Cost	\$ 34,248,692	\$ 34,762,422	\$ 35,561,958	\$ 36,379,883	\$ 37,216,620
Accrued Postclosure Liability	\$ -	\$ -	\$ 124,467	\$ 251,021	\$ 372,166
SANTIAGO CANYON LANDFILL					
Estimated Postclosure Cost	\$ 18,418,548	\$ 17,678,803	\$ 17,669,664	\$ 17,012,768	\$ 16,316,310
Less Postclosure Expenditures	\$ 1,001,008	\$ 1,016,023	\$ 1,039,392	\$ 1,063,298	\$ 1,087,754
Accrued Postclosure Liability	\$ 17,417,540	\$ 16,662,780	\$ 16,630,272	\$ 15,949,470	\$ 15,228,556
Accrued Postclosure Reserves					
- 15 Years ***	\$ -	\$ -	\$ -	\$ -	\$ 1,088,000
COYOTE CANYON LANDFILL					
Estimated Postclosure Cost	\$ 7,175,120	\$ 6,372,401	\$ 5,587,686	\$ 4,763,500	\$ 3,898,448
Less Postclosure Expenditures	\$ 896,890	\$ 910,343	\$ 931,281	\$ 952,700	\$ 974,612
Accrued Postclosure Liability	\$ 6,278,230	\$ 5,462,058	\$ 4,656,405	\$ 3,810,800	\$ 2,923,836
Accrued Postclosure Reserves					
- 15 Years ***	\$ 7,561,000	\$ 8,193,000	\$ 9,313,000	\$ 10,480,000	\$ 11,695,000
TOTAL ACCRUED LIABILITY					
Total Accrued Closure Liability	\$ 62,955,248	\$ 65,613,907	\$ 68,833,383	\$ 72,387,783	\$ 79,993,150
Total Accrued Postclosure Liability	\$ 94,356,593	\$ 95,778,216	\$ 98,534,957	\$ 100,727,465	\$ 106,965,543
Total Accrued Postclosure Reserves					
- 15 Years	\$ 7,561,000	\$ 8,193,000	\$ 9,313,000	\$ 10,480,000	\$ 12,783,000
Total Accrued Closure & Postclosure Liability	\$ 164,872,841	\$ 169,585,123	\$ 176,681,340	\$ 183,595,248	\$ 199,741,693

* Per regulations, Accrued Closure and Accrued Postclosure balances are required to be at 100% of the cost estimates when Olinda Alpha Landfill closes.

** Final closure for Olinda Alpha Landfill is scheduled to be completed by FY 2023/24. Postclosure maintenance will begin in FY 2024/25.

*** Effective FY 2015/16 OCWR maintains reserves equal to 15 years of the annual postclosure maintenance cost estimates for each closed site that has been in its postclosure phase longer than 15 years.

**** In FY 2024/25 Coyote Canyon Landfill completes its 30 year postclosure period. GASB 18 liability is no longer required.

OC WASTE & RECYCLING

TEN-YEAR FINANCIAL FORECAST

K. LANDFILL CLOSURE AND POSTCLOSURE LIABILITIES (CONTINUED)

DESCRIPTION	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
FRANK R. BOWERMAN LANDFILL					
Annual Tonnage of Refuse Buried	2,513,396	2,450,759	2,387,643	2,402,216	2,416,301
% of Maximum Capacity Filled	39.05%	40.17%	41.25%	42.35%	43.45%
Estimated Closure Cost	\$ 45,503,141	\$ 46,549,714	\$ 47,620,357	\$ 48,715,625	\$ 49,836,085
Accrued Closure Liability	\$ 17,768,977	\$ 18,699,020	\$ 19,643,397	\$ 20,631,067	\$ 21,653,779
Estimated Postclosure Cost	\$ 58,200,129	\$ 59,538,732	\$ 60,908,123	\$ 62,309,010	\$ 63,742,117
Accrued Postclosure Liability	\$ 22,727,150	\$ 23,916,709	\$ 25,124,601	\$ 26,387,866	\$ 27,695,950
OLINDA ALPHA LANDFILL					
Annual Tonnage of Refuse Buried	0	0	0	0	0
% of Maximum Capacity Filled	-	-	-	-	-
Estimated Closure Cost	\$ - **	\$ -	\$ -	\$ -	\$ -
Accrued Closure Liability	\$ - **	\$ -	\$ -	\$ -	\$ -
Estimated Postclosure Cost	\$ 45,116,264	\$ 46,153,938	\$ 47,215,479	\$ 46,691,387	\$ 46,118,210
Less Postclosure Expenditures	\$ -	\$ -	\$ 1,573,849 **	\$ 1,610,048	\$ 1,647,079
Accrued Postclosure Liability	\$ 45,116,264	\$ 46,153,938	\$ 45,641,630	\$ 45,081,339	\$ 44,471,131
PRIMA DESHECHA LANDFILL - ZONE 1					
Annual Tonnage of Refuse Buried	184,159	179,569	174,945	176,012	177,044
% of Maximum Capacity Filled	72.06%	72.56%	73.05%	73.54%	74.04%
Estimated Closure Cost	\$ 28,077,581	\$ 28,723,365	\$ 29,384,003	\$ 30,059,835	\$ 30,751,211
Accrued Closure Liability	\$ 20,232,705	\$ 20,841,674	\$ 21,465,014	\$ 22,106,002	\$ 22,768,197
Estimated Postclosure Cost	\$ 32,741,473	\$ 33,494,527	\$ 34,264,901	\$ 35,052,994	\$ 35,859,213
Accrued Postclosure Liability	\$ 23,590,231	\$ 24,303,629	\$ 25,030,510	\$ 25,777,972	\$ 26,546,575
PRIMA DESHECHA LANDFILL - ZONE 4					
Annual Tonnage of Refuse Buried	184,159	179,569	174,945	176,012	177,044
% of Maximum Capacity Filled	1.26%	1.52%	1.78%	2.03%	2.29%
Estimated Closure Cost	\$ 42,521,829	\$ 43,499,831	\$ 44,500,327	\$ 45,523,835	\$ 46,570,883
Accrued Closure Liability	\$ 535,775	\$ 661,197	\$ 792,106	\$ 924,134	\$ 1,066,473
Estimated Postclosure Cost	\$ 38,072,602	\$ 38,948,272	\$ 39,844,082	\$ 40,760,496	\$ 41,697,987
Accrued Postclosure Liability	\$ 479,715	\$ 592,014	\$ 709,225	\$ 827,438	\$ 954,884
SANTIAGO CANYON LANDFILL					
Estimated Postclosure Cost	\$ 15,578,813	\$ 14,798,759	\$ 13,974,582	\$ 13,104,665	\$ 12,187,338
Less Postclosure Expenditures	\$ 1,112,772	\$ 1,138,366	\$ 1,164,549	\$ 1,191,333	\$ 1,218,734
Accrued Postclosure Liability	\$ 14,466,040	\$ 13,660,393	\$ 12,810,034	\$ 11,913,331	\$ 10,968,604
Accrued Postclosure Reserves - 15 Years ***	\$ 2,226,000	\$ 3,415,000	\$ 4,658,000	\$ 5,957,000	\$ 7,312,000
COYOTE CANYON LANDFILL					
Estimated Postclosure Cost	\$ 2,991,084	\$ 2,039,920	\$ 1,043,419	\$ 1,067,418	\$ 1,091,969
Less Postclosure Expenditures	\$ 997,028	\$ 1,019,960	\$ -	\$ -	\$ -
Accrued Postclosure Liability	\$ 1,994,056	\$ 1,019,960	\$ - ****	\$ -	\$ -
Accrued Postclosure Reserves - 15 Years ***	\$ 12,961,000	\$ 14,279,000	\$ 15,651,000	\$ 16,011,000	\$ 16,380,000
TOTAL ACCRUED LIABILITY					
Total Accrued Closure Liability	\$ 38,537,457	\$ 40,201,891	\$ 41,900,517	\$ 43,661,204	\$ 45,488,449
Total Accrued Postclosure Liability	\$ 108,373,457	\$ 109,646,644	\$ 109,316,000	\$ 109,987,947	\$ 110,637,145
Total Accrued Postclosure Reserves - 15 Years	\$ 15,187,000	\$ 17,694,000	\$ 20,309,000	\$ 21,968,000	\$ 23,692,000
Total Accrued Closure & Postclosure Liability	\$ 162,097,914	\$ 167,542,535	\$ 171,525,517	\$ 175,617,150	\$ 179,817,593

* Per regulations, Accrued Closure and Accrued Postclosure balances are required to be at 100% of the cost estimates when Olinda Alpha Landfill closes.

** Final closure for Olinda Alpha Landfill is scheduled to be completed by FY 2023/24. Postclosure maintenance will begin in FY 2024/25.

*** Effective FY 2015/16 OCWR maintains reserves equal to 15 years of the annual postclosure maintenance cost estimates for each closed site that has been in its postclosure phase longer than 15 years.

**** In FY 2024/25 Coyote Canyon Landfill completes its 30 year postclosure period. GASB 18 liability is no longer required.



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