

Monterey Regional Waste Management District

Annual Report Fiscal Year 2006-2007





Monterey Regional Waste Management District

Mission Statement

It is our mission to provide the highest quality, cost-efficient, integrated waste management services to the greater Monterey Peninsula, while preserving our environment and protecting public health through the reduction, reuse, recycling, and safe disposal of our wastestream.

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The Monterey Regional Waste Management District



A Brief History

On October 1, 1951 the Monterey County Board of Supervisors created the Monterey Peninsula Garbage and Refuse Disposal District. Its mission was to find a site for a single regional sanitary landfill to replace the old “dumps” then in operation. From 1953 to 1966, the District operated a disposal site on a leased portion of the Laguna Seca Ranch off Highway 68. From 1966 to the present, the District has operated a sanitary landfill on District-owned property north of Marina. In 1987, the District's name was changed to the Monterey Regional Waste Management District.

Role

The District's primary purpose is to manage the solid waste stream for Western Monterey County. Over the years, the District's role has expanded to include the recovery of a wide range of recyclable and reusable materials in the waste stream. The District also operates the Peninsula's only Household Hazardous Waste collection facility. In addition, one of the Country's first landfill gas-to-energy systems was installed at the site in 1983.

Service Area

District jurisdictional boundaries include the cities of Carmel-by-the-Sea, Del Rey Oaks, Marina, Monterey, Pacific Grove, Sand City, Seaside, and the unincorporated areas of Big Sur, Carmel Highlands, Carmel Valley, Castroville, Corral De Tierra, Laguna Seca, Moss Landing, Pebble Beach, San Benancio, and Toro Park. The District covers a total of 853 square miles. The population currently served is about 170,000.

District Facilities

The District's facilities are located on its 475-acre property, 2 miles north of Marina, at the Monterey Regional Environmental Park, 14201 Del Monte Boulevard. The property consists of a 315-acre permitted sanitary landfill site, a 126-acre buffer area (mostly Salinas River floodplain), 20 acres for the Last Chance Mercantile reuse store, Household Hazardous Waste Collection Facility, Materials Recovery Facility, maintenance buildings, landfill gas power project, scale house, administration building, and the one-mile site entrance road, Charlie Benson Lane.

Operating Schedule

Landfill Disposal Site

Monday – Friday 6:30 a.m. – 5:00 p.m.

Saturday 8:00 a.m. – 4:30 p.m.

Last Chance Mercantile

Monday – Friday 8:00 a.m. – 5:00 p.m.

Saturday 8:00 a.m. – 4:30 p.m.

Household Hazardous Waste

Monday – Friday 8:00 a.m. – 5:00 p.m.

Saturday 8:00 a.m. – 4:30 p.m.

Administration Building

Monday – Friday 8:00 a.m. – 5:00 p.m.

Closed on Sundays and these holidays: Memorial Day, 4th of July, Labor Day, Thanksgiving Day, Christmas Day and New Year's Day.





Our programs are designed to conserve landfill capacity by maximizing waste reduction, material reuse, and recycling.

Message From the General Manager

The District's July 1, 2006 through June 30, 2007 fiscal year was both productive and successful. During this period the Board of Directors exercised prudent judgment while providing tough fiscal guidance in working with staff on operations and future programs.

The finances of the District are strong. Our budget going into FY 06-07 projected \$13.6 million in revenue from disposal fees, while at fiscal year-end we received \$12.9 million. Success in recycling and waste diversion, along with slowing economic activity, has contributed to declining revenues and a more restrained budget adopted in June 2007. Among other cost reductions, the FY 07-08 budget calls for a reduction in staffing through attrition.

Among the milestones we observed during this fiscal year, the District Board agreed to accept waste from Santa Cruz County for disposal under a long term agreement. In the fall of 2006, in partnership with Ecology Action of Santa Cruz and funding from the California Department of Conservation, we kicked off a \$120,000 grant to dramatically increase recycling at large special events on the Monterey Peninsula. In January, the Board approved a comprehensive Green Purchasing and Sustainable Practices Policy. And in April of 2007, a Strategic Planning Retreat was held with the Board and management staff to develop a ten year work plan and to chart a course for the future of regional waste management programs.

The Monterey Peninsula Landfill has a remaining site life of over 100 years, among the largest of any landfill in the country. Our programs are designed to conserve landfill capacity by maximizing waste reduction, material reuse, and recycling.

The achievements of the District are the result of the personal commitment of all the District employees. My thanks to all for a job well done.

William Merry, General Manager



Vice Chair Sue McCloud presents Board Chair Dan Albert with a commemorative vase in appreciation of his 15 years of service on the Board, five years as Board Chair. Pictured from left: Ken Gray, Leo Laska, Joe Russell, Jerry Smith, Dan Albert, Sue McCloud, Don Jordan, Libby Downey, David Pendergrass, Gary Bales.

Board of Directors

Policy decisions affecting the District are made by the Board of Directors. This nine-member Board includes a representative from each of the municipalities within the District boundaries, one to represent unincorporated Monterey County within the District, and a “director-at-large” representing the Pebble Beach Community Services District. Board Members are appointed for four-year terms.

The public is welcome to attend the monthly meetings of the Board held on the third Friday of the month. Meetings take place at 9:30 a.m. in the Administration Building Board Room.

MRWMD Board Members 2006-07

Jurisdiction	Director	Appointed	Term Expires
Monterey	Dan Albert, Chair	April 1991	December 2006
Pebble Beach Community Services District	Leo Laska Voted Chair, Jan. 19, 2007	January 2004	December 2007
Carmel-by-the-Sea	Sue McCloud, Vice Chair	May 1998	December 2010
Pacific Grove	Gary Bales	April 1969	December 2010
Sand City	David Pendergrass	July 1999	December 2008
Marina	Ken Gray	November 2003	December 2008
Monterey	Libby Downey	January 2007	December 2010
Del Rey Oaks	Joseph Russell	January 2005	December 2008
Monterey County (Unincorporated)	Jerry Smith	January 2005	March 2007
Seaside	Don Jordan	February 2005	December 2008

Board of Directors

Members as of January 1, 2007



Leo Laska
Chair (current)
Pebble Beach Community
Services District



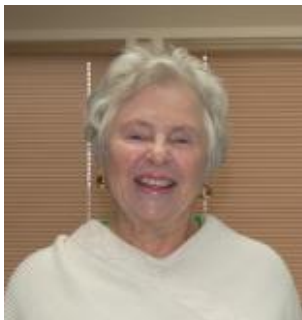
Dan Albert
Chair (retired)
Monterey



Sue McCloud
Vice Chair
Carmel-by-the-Sea



Gary Bales
Pacific Grove



Libby Downey
Monterey



Ken Gray
Marina



Don Jordan
Seaside



David Pendergrass
Sand City



Joseph Russell
Del Rey Oaks



Jerry Smith
Monterey County
(Unincorporated)



Rob Wellington
Legal Council

Joint Powers Authority

The Monterey Regional Waste Management Joint Powers Authority (JPA) was formed in 1993 by the cities of Carmel-by-the-Sea, Del Rey Oaks, Marina, Monterey, Pacific Grove, Sand City, and Seaside. In December 1995, the Pebble Beach Community Services District became a member of the JPA. The purpose of the JPA is to finance new facilities that will help member agencies meet the requirements of the State recycling law (AB 939), provide flow control of waste materials to District JPA facilities, and control the size of the landfill service area.

MRWMD Board Highlights of Fiscal Year 2006-2007

July 2006

The Board authorized the implementation of Homeland Security Presidential Directive-5, implementing provisions of the National Incident Management System (NIMS).

The Board received an update on litter abatement efforts including plans for the media outreach event to be held on Thursday, July 27, 2006, at 10 a.m. at Window on the Bay in Monterey. The press conference will highlight local litter issues and raise public awareness on the impacts of litter. A new website will be launched, www.keepmontereycountyclean.org, to inform and give citizens a platform to report litter incidents.



Monterey Councilman Chuck Della Sala speaks at the litter media event, July 27, 2006. The District's Litter Abatement Task Force is chaired by Board Member Sue McCloud.

August 2006

The Board authorized eliminating the \$25 handling fee charged to small businesses when they deliver fluorescent tubes to the HHW program for recycling.



The Board authorized the elimination of the \$10 fee charged to District residents for computer monitors and televisions. Recycling drop-off for this "electronic waste" will now be free.

The Board authorized distribution of the final Draft Construction and Demolition (C&D) Model Ordinance which can be modified by member agencies in accordance with their administrative and recycling needs.

September 2006

The Board appointed Leo Laska and Ken Gray to an Interagency Board Committee with Monterey Regional Water Pollution Control Agency to discuss matters of mutual interest, including management of biosolids and biogas.

The Board received a staff report on landfill operations with particular emphasis on the "sliver fill" (slope steepening) project. The sliver fill work has helped to create additional landfill airspace capacity, extending the life of the landfill to over 100 years.

October 2006

The Board presented a three year service award to Director Ken Gray who represents the City of Marina on the District Board.

The Board accepted the annual audit for fiscal year 2005/2006. The auditor commented that it was unusual to have no adjusting entries during an audit, a tribute to the thorough work by District staff throughout the year. The General Manager reported that the Department of Conservation had approved a Special Event Recycling and Litter Abatement Grant Application for \$124,420. The grant application is a joint effort between Ecology Action and the District to provide recycling services for large events within the Monterey Peninsula.

November 2006

The Board approved an amendment to the agreement with power marketing firm **3 Phases Energy**, which will provide the District with \$63 per megawatt-hour for the sale of renewable electric power generated by the landfill gas to energy project. This contract amendment is needed to take advantage of electricity rates higher than currently paid under the Power Sales Agreement with PG&E.

The Board authorized District staff to execute an agreement with **Monterey County Water Resources Agency** for the sale of 5.6 acres of property for the construction of the Salinas River Diversion Project. This property was not useable for landfill purposes and was considered surplus to the needs of the District. Staff made a presentation, and public comments were received on the District's proposed Upgraded Waste Screening Program for the Monterey Peninsula Landfill and Material Recovery Facility. The implementation cost of the proposed upgraded program is estimated at \$200,000.

December 2006

The Board authorized a Contract with **Peterson Pacific** for \$580,534 to supply and install a new Mobile Wood Grinder at the Materials Recovery Facility. The grinder replaces the ten-year-old stationary grinder with an 800 horsepower electrically powered unit, which is powered by the District's renewable electricity generated from landfill gas. The new unit nearly triples the throughput grinding capacity.

The Board renewed a **Farming Lease with Jefferson Farms**, which allows the Jeffersons to continue farming organic products on 20 acres of District property. The Board approved a Green Purchasing and Sustainable Practices Policy which would formalize the standard practice of the District. The policy will identify additional areas where the District can improve performance to cost effectively buy renewable products and create a model that will encourage other businesses in the community to adopt similar purchasing policies.



The Board approved a contract with **Carl & Manor Advertising** to provide media outreach services to the Central Coast Recycling Media Coalition (CCRMC).

January 2007

The Board welcomed **Monterey Councilwoman Libby Downey** as the city's representative to the District Board.

The Board also presented outgoing Board Chairman **Dan Albert** with a resolution of appreciation for his 15 years of service as City of Monterey's representative. Director **Laska** was elected to serve as Board Chair for the remainder of fiscal year 2006/2007, replacing outgoing Chair **Albert**, whose term on the Board expired in December 2006. Vice Chair **McCloud** continued to serve in her position.



Outgoing Board Chair Dan Albert shown with incoming Chair Leo Laska.

The Board received a presentation from the **California Department of Conservation** regarding the pilot Comprehensive Recycling Community (CRC) Program. The Monterey Peninsula was the first region in the State chosen for the CRC program which is designed to increase bottle and can recycling rates.

February 2007

The Board received a presentation from **SCS Engineers** on a broad range of "conversion technologies" including pyrolysis, thermal and biological processes which are being considered within the waste management industry as alternatives or supplements to landfill disposal. The Board considered an agreement with **Santa Cruz County** to accept waste for landfill disposal. The proposed agreement includes the acceptance of up to 120,000 tons of waste annually over a thirty-year time frame.

March 2007

The Board approved an Agreement with Santa Cruz County to accept waste for disposal, for up to thirty-years from the Ben Lomond Transfer Station, at the rate of \$27 per ton with an annual price escalation clause. The District currently has approximately 40 million tons of landfill capacity, or 103 years of site life. The proposed agreement is in accordance with the Guiding Principles for Acceptance of Regional Waste adopted by the District Board in September 2005. The County of Santa Cruz, while it has adopted a recycling goal of 75%, is seeking additional landfill capacity until it can plan and put in place permanent programs and facilities to manage the waste stream.

The Board reviewed AB939 Recycling Rates as of March 1, 2007. District member agencies are meeting the 50% recycling mandate, but need to continue to enhance their recycling programs wherever possible, such as with more effective business and multi-family recycling. The Board was advised that pending State Legislation proposes to increase the State diversion mandate from 50% to 75%.



April 2007

The Board directed staff to meet with the City of Marina regarding the County's proposed landfill buffer zone ordinance.

The Board directed staff to meet with Peninsula city managers regarding suggested revisions to the building permit application process to require applicants to state they will properly manage hazardous materials in the waste stream, including asbestos containing material. District staff has recommended language be added to make contractors more aware of procedures and responsibilities for managing hazardous material resulting from their projects.

May 2007

The Board adopted the Preliminary Budget for fiscal year 2007-2008. The Preliminary Budget includes \$18,700,000 in revenues, operating expenses of \$16,837,000 and capital outlays of \$2,473,500. With the Preliminary Budget, revenues are up by 7% over last year's budget and expenses are up by 4.1%. Net Income for the year is projected to be \$1,885,000. The budget includes no new staff positions and calls for not filling certain position vacancies as they occur, reductions across the board in expenses and delays in capital spending.

The Board authorized staff to send a letter to the Monterey County Planning Department supporting the County's proposed Landfill Buffer Zone Ordinance. The proposed Ordinance calls for a 1,000 foot buffer zone around the Monterey Peninsula Landfill, with no residential development allowed within the 1000 foot buffer zone.

The Board discussed the District's waste screening efforts. A letter outlining the District's upgraded waste screening program policy was mailed to over 400 District customers on May 4. The District has requested customers to sign a statement certifying they have received and read the District's policy on hazardous and prohibited waste.

June 2007

The Board adopted Resolution 2007-04 approving the final budget for fiscal year 2007-08.

The Board authorized a Scope of Work with Shaw LFG Specialties to refurbish and repair landfill gas (LFG) skid compression equipment and gas filter system necessary to collect and control landfill gas in accordance with state and federal regulations and to provide fuel to the engine/generators which produce 4,600 kilowatts of renewable power.

The Board received information related to several legislative bills and authorized staff to send a letter of support for AB 904 (Feuer) - Plastic and Marine Debris Reduction, Recycling and Composting Act.

MRWMD Employees



Employees are the public face of the District in all aspects of MRWMD operations. The FY06-07 budget included 140 positions of which 129 were full-time and 11 part-time. District staff are divided among eight key areas of operation including: administration, equipment maintenance, finance, household hazardous waste program, management, Last Chance Mercantile, Materials Recovery Facility, and site operations which includes landfill operations, the landfill gas-to-energy program, scale house, and site support. Sixty five employees are represented by Local 3 of the Operating Engineers and fifty-eight employees are represented by Local 521 of the Service Employees International Union.

Employee Awards

Charlie Benson Awards

"Employees to Employees"

This award was established in August 1995 to enable outstanding employees to be recognized for their efforts by other employees. Awards are given for exceptional work quality, team leadership, sustained outstanding work performance, and effective, unselfish action in an emergency situation.

The award is named for Charlie Benson, one of the founders of the City of Del Rey Oaks and that City's representative on the MRWMD Board of Directors for 27 years, from 1967 to 1994, Board Chairman for 16 years.

2006/2007

Given To	Presented By	Given To	Presented By
Alex Montejano	Ted Melicia	Victor Perez	Ted Melicia
Pedro Montejano	Sergio Morales	Omar Torralba	Ted Melicia
Clemente Alvarez	Sergio Morales	Alejandro Montejano	Ted Melicia
Genaro Jaurrieta	Sergio Morales	Jose Reynoso	Ed Kalisz
Jessie Gonzales	Edward Kalisz	Gene Ford	Ed Kalisz
Steve Morrison	Becky Aguilar	Marino Dominguez	Genaro Jaurietta
Pedro Montejano	Gabriel Guerrero	Leo Martinez, Sr.	Genaro Jaurietta
Antonio Moreno	Gabriel Guerrero	Marco Corona	Genaro Jaurietta
Genaro Jaurrieta	Gabriel Guerrero	Efrain Lopez	Ed Kalisz

Jonathan Livingston Seagull Awards

"Management to Employees"

This award allows the management team to recognize outstanding employee performance for "soaring above and beyond." The name of the award is taken from the book *Jonathan Livingston Seagull* by Richard Bach. In 1973, a large portion of the movie by the same name was filmed at the District's Monterey Peninsula Landfill.

2006/2007

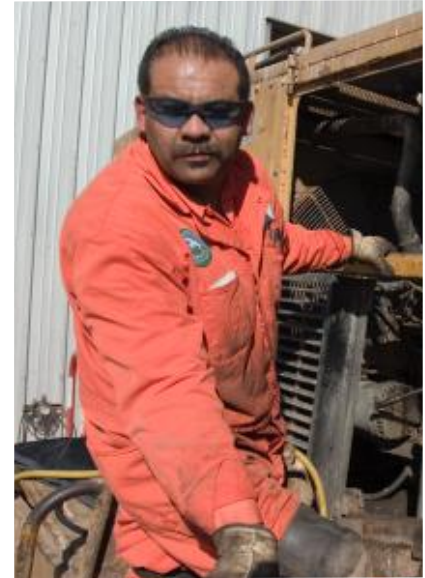
Efrain Lopez	Mark Del Rosario	Alejandro Montejano	Omar Torralba
Luis Casarez	Jessie Gonzales	Frank Patague	
Cheryl Hall	Keith McIntosh	Victor Perez	



MRWMD Employees

Employee Longevity Recognition

Years of Service	July 1, 2006 – June 30, 2007
15	Eric Sanico, Jeannette Pagan, Randy Evanger, Becky Aguilar
10	Bertha Perez, Tino Cruz, Mario Van Cleave, Harry Hunzie, Rupe Chaffin, Steve Morrison, Tony Diaz, Beverly Morris
5	Jonathan Houck, Nancy Novoa, Pedro Montejano, Raul Zamudio, David Reyes, Jimmy Perez, Alex Montejano, Israel Hernandez, Leo Martinez, Sr., Victor Perez, Omar Torralba
3	Tom Rice, Jessie Gonzales, Christina Harris, Heriberto Carrasco, Genaro Jaurrieta, Clemente Alvarez, Clementina Ventura, Jeaneva Fresquez, Charles Rees



Employee Attendance Recognition

Perfect Attendance, July 1, 2006 – June 30, 2007

- | | | | |
|---------------------|------------------|-----------------|------------------|
| Ayala, Javier | Green, Gene | Morris, Beverly | Rees, Charles |
| Carrasco, Heriberto | Heinle, Tim | Norton, Richard | Renteria, Martin |
| Cruz, Augustine | Lindenthal, Jeff | Patague, Frank | Walkup, Clyde |
| Felix, Jose | Montejano, Alex | Prescott, Don | |



1 Day

- | | |
|--------------------|-------------------------|
| Aguillon, Victor | Marshall, Curtis |
| Cook, Jack | Mejinez, Eleazar |
| Encallado, Sabrina | Merry, William |
| Flanagan, Tim | Perez, Victor |
| Gonzales, Jesse | Ponce-Torres, Francisco |
| Lewis, Tanya | Van Cleave, Mario |
| Mangubat, Ernie | |

2 Day

- | | |
|-------------------|-----------------|
| Mauzey, Chad | Morales, Sergio |
| Meza, Abram | Watson, Amber |
| Montgomery, Steve | Zamudio, Raul |

3 Day

- | | |
|--------------------|---------------------|
| Becerril, Fernando | Perez, Bertha |
| Fine, Suzan | Radie, Edward |
| Kalisz, Edward | Vasquez, Eva |
| Morales, Pompey | Ventura, Clementina |



The Last Chance Mercantile



The District's long commitment to reuse is embodied today by the Last Chance Mercantile, a reuse store in operation since 1991 located adjacent to the Household Hazardous Waste Collection Facility.

The District's keen eye for "salvaging" reusable materials dates from 1953 when cardboard was first diverted from incoming loads. Later, salvaged and reusable goods were collected during operating hours and auctioned off in monthly public events that became legendary. Today, the Last Chance occupies an 8000 sq ft storefront and a 2 acre paved yard for salvaged lumber, building materials, landscaping supplies and a wide range of durable goods.

One of the innovative aspects of the MRWMD reuse program, is the "salvaging" that District personnel perform at the Material Recovery Facility where all self-haul and commercial loads are tipped. Last fiscal year, more than 800 tons of reusable goods were retrieved from the trash and delivered to the Last Chance for sale and reuse.

Another unique aspect of the MRWMD reuse program is its partnership with the HHW facility. Reusable HHW items in their original containers such as paints, cleaners and garden chemicals are made available for reuse at the Last Chance Mercantile. This program puts more than 20,000 gallons of reusable product back into circulation each year.

Perhaps most notable is how successful the Last Chance has become in promoting reuse throughout the community. From the annual Last Chance boutique exhibits at the County Fair, to television advertising with "Big Al, the Reuse Guy", to the recycled art competitions that have twice been sponsored, and the dedicated staff of 11 that receives donations, stocks the shelves, prepares product for sale, and assists customers, the Last Chance has become an institution in the minds of many on the Monterey Peninsula.

This combination flea market, garage sale, and lumber yard not only provides an outlet for reusable items, but also a direct way of reducing the amount of waste that goes to the landfill.



Electronic Waste Collection at the Last Chance Mercantile

	FY 04-05	FY 05-06	FY 06-07
CRTs Collected	3,864	4,443	9,699
Total Pounds	205,157	233,280	483,855

The State of California banned cathode ray tubes (CRTs, the picture tubes found in televisions and computer monitors) from landfill disposal during FY 2002-03. During FY 2005-06 the State implemented SB 20/50 which charged consumers an "advance disposal" or recycling fee on the sale of new monitors and televisions. This new funding mechanism allowed the District to waive the fee formerly charged to customers for dropping off CRTs. The number of CRTs collected in the MRWMD electronic waste recycling program at the Last Chance Mercantile more than doubled in FY 06-07 over the prior year. Total electronic waste tonnage (including cell phones, printers, computers) collected in the program has totaled more than 1.4 million pounds since 2002.

A variety of works from past art competitions adorn the MRWMD grounds and provide an elegant example of reuse.

Household Hazardous Waste Collection Program

The District's Household Hazardous Waste (HHW) Collection Program began in 1987 and was one of the first permanent programs of its type in California. District residents may turn in household batteries, fluorescent light bulbs, paints, varnishes, pesticides, cleaners, and used motor oil at no charge six days a week. A unique aspect of the program is the "drop and swap" component. Usable products are made available to the public for free. Partially full containers of paint, cleaning and garden chemicals are distributed at the Last Chance Mercantile. The District has been able to reuse almost 36% of the materials received in this program. The District also recycles used paint, solvents, motor oil, antifreeze, batteries, and Freon. Through reuse and recycling, the District is able to avoid paying high disposal fees on 60% of the materials turned in. During FY 06-07, over 9,000 participants dropped off more than 62,000 gallons of material.

California law prohibits the disposal of hazardous waste in the trash. The MRWMD HHW facility provides a convenient and free disposal service for District residents.



Household Hazardous Waste Collection Summary (in pounds)

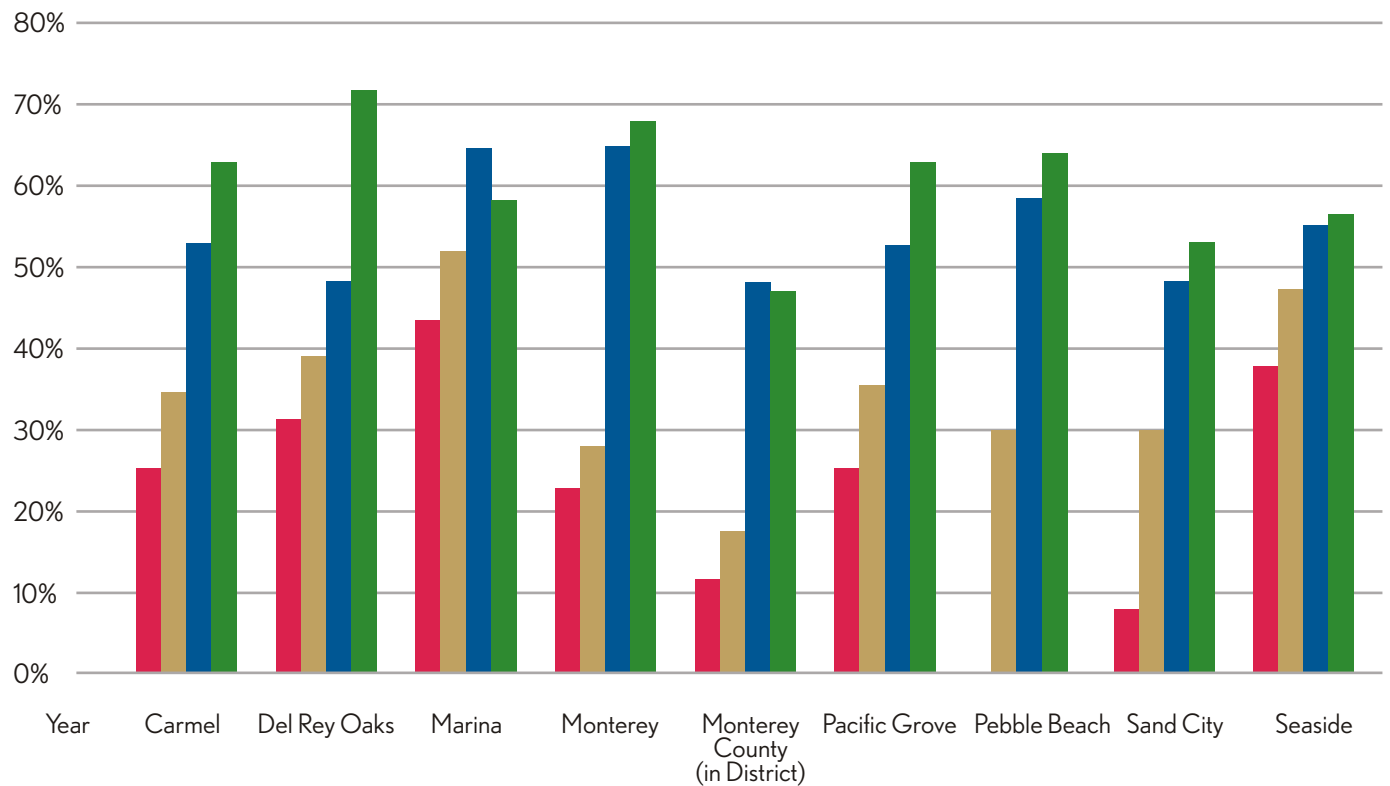
Material Type	FY 2005-2006	FY 2006-2007
Flammable solids/liquids	55,240	51,416
Oil Base Paints	52,347	57,971
Poisons	17,495	15,813
Reactive and Explosive	70	193
Acid	2,347	3,143
Base	18,887	18,574
Oxidizer	420	471
PCB Containing	620	870
Antifreeze	8,401	10,312
Auto Batteries	84,102	90,294
Latex Paint	167,214	192,883
Motor Oil	82,630	79,828
Used Oil Filters	2,173	2,260
Mercury Containing Thermostats	60	56
Florescent Lamps	3,806	6,568
Batteries	5,629	11,663
Electronic Waste - CRTs, TVs, Monitors	233,280	483,855
Universal Waste (cell phones, printers, faxes, etc.)	27,040	86,348
Sharps and Pharmaceutical Waste	130	228
Aerosol Containers & Compressed Gas Cylinders	14,544	19,300
Other Materials	12,391	12,523
Total Pounds Collected	788,826	1,144,569
Total Visits from Residents/Households	9,128	10,132

Municipal Waste Diversion Rates 1995 through 2007

The California Integrated Waste Management Act of 1989, also known as AB 939, required each jurisdiction in the state to reduce waste 50% by the year 2000. This law also established a comprehensive statewide system of permitting, inspections, enforcement, and maintenance for solid waste facilities.

District staff records, evaluates and reports the disposal and recycling rates of each jurisdiction in compliance with state requirements. The District also is the primary provider of recycling education and promotion programs as outlined in the plans submitted by our local agencies in accordance with AB 939.

Through the combination of integrated MRWMD waste reduction, reuse and recycling programs, the District diverts an average 37% of the incoming wastestream from landfill disposal. This diversion, along with residential curbside recycling, business recycling and other waste reduction programs around the Peninsula, have allowed our member agencies to surpass the AB 939 waste reduction mandate as shown in the chart below.



1995	26%	31%	43%	23%	12%	26%	NA	7%	38%
1996	34%	39%	52%	28%	17%	35%	30%	30%	47%
2000	52%	48%	65%	65%	48%	52%	59%	48%	56%
2006	62%	71%	58%	68%	47%	62%	63%	53%	57%

Notes:

MRWMD diversion programs expanded in 1996 when the Materials Recovery Facility came on-line.

Pebble Beach tonnage not tracked separately until 1996.

Marina rate for 2000 reflects the deconstruction of portions of Ft Ord within city boundaries.

2006 rates may change slightly pending final review by the CIWMB.

Materials Recovery Facility Recycling Program

The Materials Recovery Facility (MRF) is the centerpiece of the District's waste processing and diversion program. The MRF receives commercial and "self-haul" vehicles carrying a wide range of construction and demolition material, landscaping trimmings, and general refuse. The MRF also receives clean loads of green waste from curbside collection programs and landscapers, and clean loads of wood waste from construction projects. These "clean" materials are charged a reduced fee as an incentive for customers to keep them separate. Loads from residential garbage trucks and wet commercial waste are not processed in the MRF, but sent directly to the landfill.

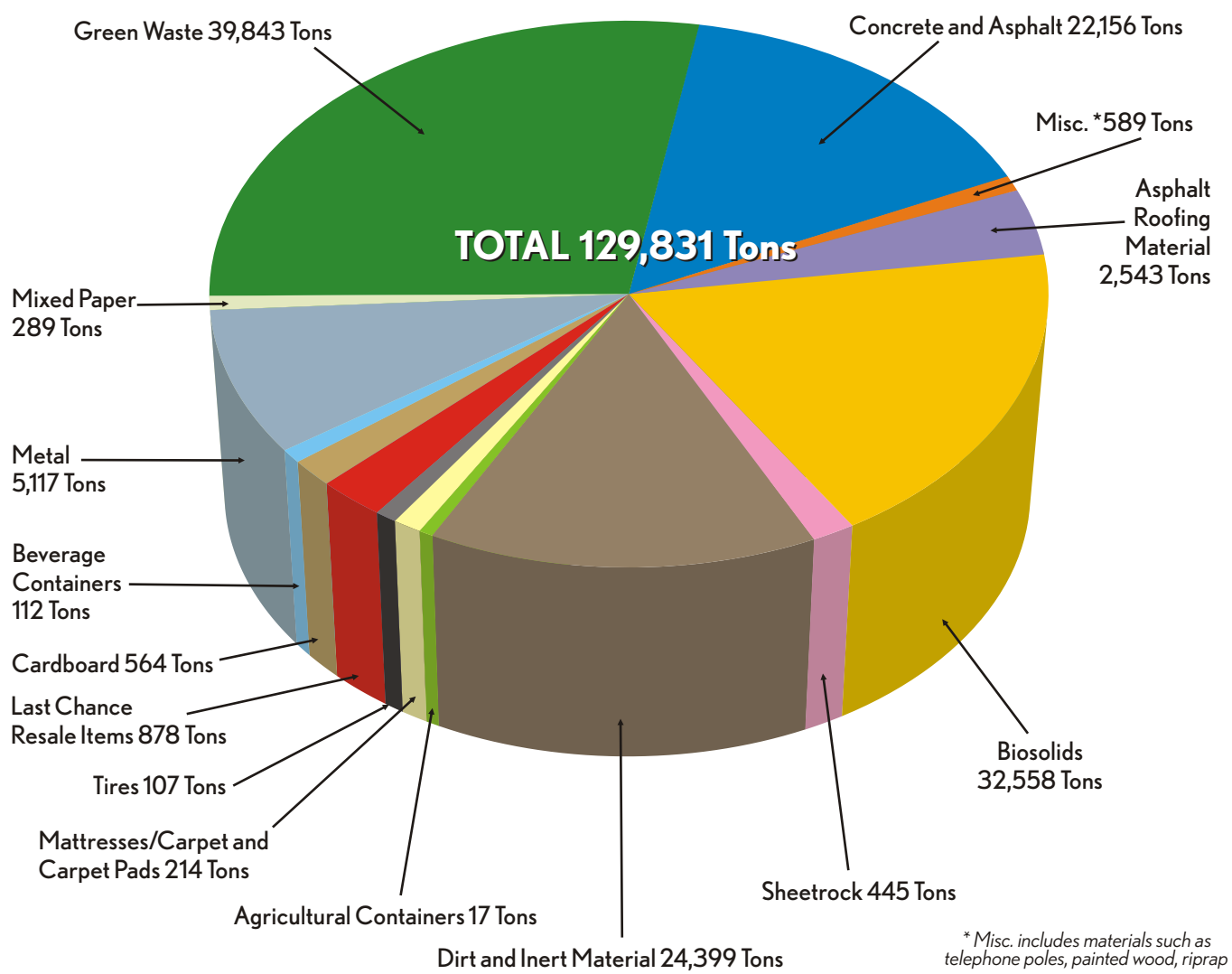
As loads are emptied at the MRF, District staff members are on the lookout for reusable goods such as bicycles, furniture, and clothes which are salvaged on the spot and sent to the Last Chance Mercantile reuse store (many customers take their reusable goods to the Last Chance first which saves money and resources). Completed in 1996 at a cost of \$9.6 million, this 95,000-square-foot building

houses conveyors and sorting stations where workers recover various materials such as wood, yard waste, sheetrock, concrete, metal, cardboard, bottles, cans, and inert materials such as soil and gravel.

In addition to the MRF, the District operates a drop-off recycling center on site that accepts a wide range of materials including cardboard, mixed paper, plastic containers, glass, and scrap metal. Customers save money on disposal by dropping off their recyclables at the recycling center and their reusable goods at the Last Chance Mercantile before weighing in at the scales for a trip to the MRF.

In FY 06-07, 125,420 tons of waste was processed through the MRF and 63% of this incoming material was recycled. The MRF is instrumental in diverting a huge quantity of material from landfill disposal while preserving landfill capacity and boosting municipal recycling rates throughout the MRWMD service area.

Summary of all Materials Recycled FY 2006-2007 (in tons)



Landfill Disposal



Waste that has not been reduced, reused or recycled is ultimately disposed of in the Monterey Peninsula Landfill. In accordance with the District's Landfill Site Master Plan, the remaining site waste capacity is approximately 40 million tons, or 74 million cubic yards, enough capacity to last over 100 years at present disposal rates.

The District's commitment to waste reduction, reuse and recycling helps preserve landfill capacity. The remaining site life assumes a maximum site elevation of 284 feet (above mean sea level) and an airspace utilization density of 1,080 pounds per cubic yard. The use of tarps for landfill cover and the export and sales of surplus fill sand create additional airspace and increases the waste capacity of the landfill.

Following regulatory approval and an update to the Landfill Master Plan, in the Spring of 2006 the District implemented an engineering project to gain additional landfill capacity. The

general concept is to steepen the exterior slopes of the landfill by placing additional waste as a "sliver fill" to take advantage of the space located beneath the previously closed module caps created by the settlement of the existing waste. By removing the existing cover soils and placing additional waste as a sliver fill on these slopes, a significant increase in the overall site capacity is realized. Increasing the exterior landfill side slopes from 4:1 to 3:1 (horizontal:vertical) provides approximately 5.3 million cubic yards (3.5 million tons) of additional total landfill waste capacity. At a fill rate of an estimated 300,000 tons per year, this additional space represents an additional 12 years of landfill site life.

Based on the currently permitted waste capacity, and if the District continues to achieve the State-mandated 50% recycling goal, the landfill will continue to serve the present service area through the year 2107.



Landfill Gas Project Generates Green (Renewable) Power



In 1983, long before the benefits of “green” energy and the negative effects of greenhouse gases such as methane were realized, the Monterey Regional Waste Management District developed one of the first landfill gas-to-electric energy plants in the nation. Presently, the project’s four generators provide approximately 4.6 megawatts of clean alternative power, meeting all of the District’s own power needs and supplying electricity for nearly 4,000 homes.

Methane and carbon dioxide gases are byproducts of the slow decomposition of refuse in the landfill. The District’s landfill gas system collects 610 million cubic feet of gas per year (about 50% methane and 50% carbon dioxide) from refuse buried up to 40 years.

The District’s four engine generators (1 Caterpillar and 3 Jenbacher) consume the landfill gas as fuel to produce enough energy to power all the operations on site while sending approximately 4 megawatts of surplus electricity back into the local utility grid. The electricity generated by the project is classified by the state and federal authorities as renewable or “green” energy.

During the fiscal year 2006-07, gross revenues from electricity sales totaled \$1.75 million. Total power produced to date is over 320 million kilowatt-hours and total project revenues have surpassed \$17 million.



Community Outreach through Public Education and the "Small Planet" School Program

The goal of the MRWMD Public Education Program is to actively support member agencies in achieving their state-mandated waste reduction requirement while promoting the District's waste reduction, reuse and recycling programs. The District has two full-time staff working on community outreach activities including: participation in many community events, presentations and workshops, tours, as well as technical support for waste reduction and recycling programs in schools, businesses, and for special events. The number of people reached through the community outreach program increased more than 50% in fiscal year 2006-2007.



MRWMD Public Education Summary

	# of Activities FY. 05-06	Participants FY. 05-06	# of Activities FY. 06-07	Participants FY. 06-07
Presentations	25	1,928	60	2,665
Tours	22	1,054	63	1,875
Events	12	1,080	23	1,636
F.Y. Totals	59	4,062	146	6,176
Program Totals 1996-2007		46,500+		52,676

"Small Planet" School Education Program

The main focus of the Small Planet School Education Program is promoting environmental stewardship through education about resource conservation by practicing the "4 Rs": Reduce, Reuse, Recycle, and Rot (composting). Tours, classroom presentations on topics such as Vermicomposting, resource conservation, and teacher workshops are the conduits used to reach the students.



An annual field trip tour of the MRWMD facilities has been a favorite for thousands of students, teachers and parents over the last ten years. The comprehensive tour, complimented with hands on activities in the MRF Public Education Room and Small Planet Garden, brings awareness and understanding of the importance of not only how a solid waste management system works, but also how it is an integral part of our community's waste reduction infrastructure.

In addition, staff maintains a resource library for teachers. District staff also routinely provides technical assistance to help start or expand school waste reduction, recycling, and composting programs.

The school education program is offered free of charge to the six school districts located in the District's service area, as well as to colleges, summer school sessions and youth programs.

Financial Information

MRWMD Income

Source of Funds	FY 2005-06	FY 2006-07	FY 2007-08 Budgeted
Disposal Fees	\$13,054,000	\$12,915,000	\$14,655,000
Material Sales	\$1,795,000	\$1,978,000	\$1,690,000
Landfill Gas Power	\$1,511,000	\$1,918,000	\$2,075,000
Other Revenue ^A	\$960,000	\$997,000	\$700,000
Total Income	\$17,320,000	\$17,808,000	\$19,120,000

^A Income from investment earnings, rents/leases, operational services, HHW fees, and finance charges.

MRWMD Expenditures

Use of Funds	FY 2005-06	FY 2006-07	FY 2007-08 Budgeted
Operating Expenses ^B	\$12,697,000	\$13,645,000	\$14,329,000
Acquisition of Fixed Assets	\$2,658,000 ^C	\$1,567,000	\$3,146,000
Debt Reduction (Principal)	\$1,228,000	\$1,318,000	\$1,588,000
Total Expenditures	\$16,583,000	\$16,530,000	\$19,063,000

^B Non-cash expenses such as amortization/depreciation and closure/post closure expenses are not included.

^C In addition, the District committed to a \$677,000 lease/purchase of equipment.

Cash Reserve

As of June 30, 2007 the District has reserved more than \$7,000,000 in order to pre-fund major capital improvements, to sustain current tipping fees, and to meet state requirements for landfills. Reserves include: Environmental Impairment Fund, Closure/Post-Closure Fund, Rate Stabilization Fund, and an Undesignated Reserve Fund.

District Awards/Certificates

Systems Builders Association	1996 "Steel Building of the Year Award" was given to the District for the newly completed Materials Recovery Facility Building
Solid Waste Association of North America	1998 first ever Gold Excellence Award for "Best Solid Waste System in North America"
California Resource Recovery Association	1999 "Innovation in Government Award"
California Integrated Waste Management Board	1999 "Trash Cutter Award" for best Regional Waste Reduction Program
Solid Waste Association of North America,	2000 "Outstanding Public Agency of the Gold Rush Chapter Year"
U.S. Environmental Protection Agency	2003 "Landfill Methane Outreach Program Community Partner" Certificate



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