



LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

2022

Annual Report



In 2022, we and our partners turned wastewater and trash into:

54

BILLION GALLONS OF
RECYCLED WATER

64

MEGAWATTS OF
ELECTRICITY

130,000

TONS OF RECYCLED
MATERIALS

110,000

TONS OF
COMPOST

MISSION

To protect public health and the environment through innovative and cost-effective wastewater and solid waste management and, in doing so, convert waste into resources such as recycled water, energy, and recycled materials.



RECYCLED WATER



GREEN ENERGY



RECYCLED MATERIALS

CORE VALUES

INTEGRITY

We are committed to ethical standards and accountability in our work

LEADERSHIP

We are committed to the advancement of excellence in wastewater and solid waste management

SERVICE

We are committed to reliable, responsive, and courteous service

Contributing Toward Sustainability

Throughout the Sanitation Districts' history, we have pioneered programs to help the people we serve. One example is developing a network of water reclamation plants that create recycled water throughout our service area. Since we started recycling water over 60 years ago, we and our partners have recycled over 1.2 trillion gallons of water. Another is converting the biogas produced by our landfills into 26 megawatts of green energy, which is enough electricity for 78,000 people.

In 2022, we completed the agency's first greenhouse gas inventory, which accounts for the greenhouse gases produced while providing sanitation service to 5.5 million people. The inventory also accounts for the avoided greenhouse gas production resulting from our efforts. For example, by converting biogas from landfills and wastewater treatment plants into energy, we reduce the need for energy derived from fossil fuels.

With this inventory, we were proud to announce that the agency is carbon negative. That is, we offset more greenhouse gas emissions than we create. As the world seeks to mitigate climate change, we continue looking for ways to reduce greenhouse gas emissions and help make Los Angeles County more sustainable.



FRONT COVER: Bixby Marshland in Carson.
ABOVE: A hoverfly on one of many California brittlebush blooms at Bixby Marshlands.

A MESSAGE FROM OUR CHIEF ENGINEER

Our Service Evolves, Our Focus Does Not

As a wastewater and solid waste utility, we are always focused on serving the needs of our communities. Our activities—creating recycled water, generating green energy and investing in infrastructure—are all important for a sustainable future for our communities. Following are some highlights of the year.

COVID-19

We, along with the rest of society, hope that we have passed the worst part of the COVID pandemic. We continue to monitor for the coronavirus in wastewater and our samples are now also tested for influenza, mpox and respiratory syncytial virus (RSV). The data is shared with the Los Angeles County Department of Public Health as well as state and federal public health officials.

60-Year Water Recycling Anniversary

2022 marked the 60-year anniversary of our water recycling efforts. See page 8 for more info. We're very proud of the 1.2 trillion gallons that we and our partner agencies have recycled over the years, and we look forward to doing even more with the proposed Pure Water Southern California program. See page 16 for details.

Continual Improvement

In late 2021, we had a large sewer collapse. Much of 2022 was spent learning from that incident and improving our practices and procedures. More on this effort can be found on page 12.

Maximizing the Value of Our Facilities

The solid waste side of our agency had two big accomplishments in 2022. We leased two facilities to a private party to provide greater public benefit and improve the financial health of the solid waste side of the agency. See page 10 for details. We also resolved a dispute about the future park at Puente Hills Landfill and stand ready to assist LA County Department of Parks and Recreation as they develop the park. More details are available on page 11.

Diversity, Equity and Inclusion

Last, we are moving into the implementation phase of our diversity, equity and inclusion (DEI) program. The goal of these efforts is to create a work environment where all our employees can reach their full potential. Last year, we completed a strategic action plan and filled a new DEI Manager position. This person is overseeing implementation of the action plan. See page 14 for more on this topic.

Now, more than ever, we are focused on being a resource recovery agency in addition to protecting public health and the environment. This focus will continue as we evolve in response to changing community needs.

Sincerely,



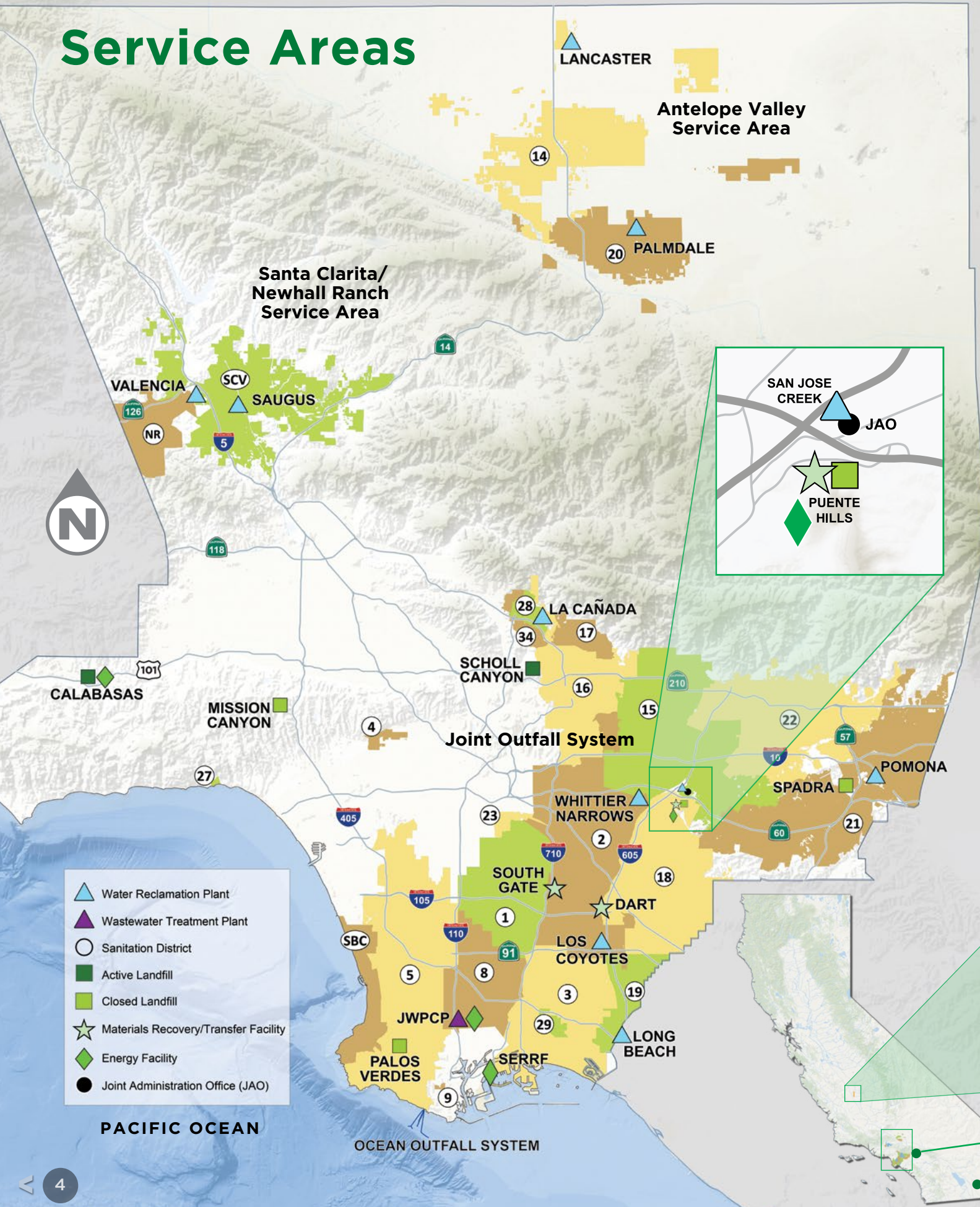
Robert C. Ferrante
Chief Engineer & General Manager



Boards of Directors (as of printing, March 22, 2023)

Alhambra DIST. 2, 16	Adele Andrade-Stadler; <i>Ross Maza</i>	Los Angeles County (unincorporated)	
Arcadia DIST. 15, 22	Paul P. Cheng; <i>Michael Cao</i>	DIST. 1, 18, 21, 22	Janice Hahn; <i>Hilda Solis</i>
Artesia DIST. 2, 18, 19	Monica Manalo; <i>Ali Sajjad Taj</i>	DIST. 2, 3, 17, 19, 27, NR	Janice Hahn; <i>Lindsey P. Horvath</i>
Azusa DIST. 22	Robert Gonzales; <i>Edward J. Alvarez</i>	DIST. 14, 15, 16, 20, SCV	Janice Hahn; <i>Kathryn Barger</i>
Baldwin Park DIST. 15, 22	Emmanuel J. Estrada <i>Monica Garcia</i>	DIST. 5, 8, 9	Janice Hahn; <i>Holly J. Mitchell</i>
Bell DIST. 1, 2	Monica Arroyo; <i>Ali Saleh</i>	DIST. 17 (2nd DIR)	Kathryn Barger; <i>Lindsey P. Horvath</i>
Bell Gardens DIST. 2	Alejandra Cortez; <i>Marco Barcena</i>	DIST. 9 (2nd DIR)	Lindsey P. Horvath; <i>Holly J. Mitchell</i>
Bellflower DIST. 2, 3, 18	Sonny Santa Ines; <i>Raymond Hamada</i>	Lynwood DIST. 1	Oscar Flores; <i>Jose Luis Solache</i>
Beverly Hills DIST. 4	Lili Bosse; <i>Sharon Nazarian</i>	Manhattan Beach DIST. 5, SBC	Steve Napolitano <i>Richard Montgomery</i>
Bradbury DIST. 15, 22	vacant; <i>Richard Barakat</i>	Maywood DIST. 1	Frank Garcia; <i>Mayra Aguiluz</i>
Carson DIST. 8	Lula Davis-Holmes; <i>Jim Dear</i>	Monrovia DIST. 15, 22	Becky A. Shevlin
Cerritos DIST. 2, 3, 18, 19	Chuong Vo; <i>Bruce Barrows</i>	Montebello DIST. 2, 15	David Torres; <i>Angie Jimenez</i>
Claremont DIST. 21	Ed Reece; <i>Sal Medina</i>	Monterey Park DIST. 2, 15	Jose Sanchez; <i>Thomas Wong</i>
Commerce DIST. 2	Oralia Rebollo; <i>Ivan Altamirano</i>	Norwalk DIST. 2, 18	Ana Valencia; <i>Jennifer Perez</i>
Compton DIST. 1, 2, 8	Emma Sharif	Palmdale DIST. 14, 20	Laura Bettencourt; <i>Andrea Alarcon</i>
Covina DIST. 22	Patricia Cortez; <i>Walter Allen III</i>	DIST. 20 (2nd DIR)	Richard J. Loa; <i>Andrea Alarcon</i>
Cudahy DIST. 1	Daisy Lomeli; <i>Martin U. Fuentes</i>	Palos Verdes Estates DIST. 5, SBC	Jim Roos <i>Dawn Murdock</i>
Culver City DIST. 5	Albert Vera; <i>Yasmine-Imani McMorrin</i>	Paramount DIST. 1, 2	Vilma Cuellar Stallings; <i>Isabel Aguayo</i>
Diamond Bar DIST. 21	Andrew Chou; <i>Stan Liu</i>	Pasadena DIST. 15, 16, 17	Victor Gordo; <i>Felicia Williams</i>
Downey DIST. 2, 18	Claudia Frometa; <i>Mario Trujillo</i>	Pico Rivera DIST. 2, 18	Erik Lutz; <i>Gustavo Camacho</i>
Duarte DIST. 15, 22	Jody Schulz; <i>Margaret Finlay</i>	Pomona DIST. 21	Tim Sandoval; <i>Steve Lustro</i>
El Monte DIST. 15	Jessica Ancona; <i>Victoria Martinez</i>	Rancho Palos Verdes DIST. 5, SBC	Barbara Ferraro <i>John Cruikshank</i>
El Segundo DIST. 5, SBC	Drew Boyles; <i>Chris Pimentel</i>	Redondo Beach DIST. 5, SBC	Bill Brand; <i>Nils Nehrenheim</i>
Gardena DIST. 5	Tasha Cerda; <i>Paulette C. Francis</i>	Rolling Hills DIST. 5	Patrick Wilson
Glendora DIST. 22	Gary Boyer; <i>Michael Allowos</i>	Rolling Hills Estates DIST. 5, SBC	Britt Huff
Hawaiian Gardens DIST. 19	Maria Teresa Del Rio; <i>Luis Roa</i>	Rosemead DIST. 15	Sean Dang
Hawthorne DIST. 5	Alex Vargas; <i>Alex Monteiro</i>	San Dimas DIST. 21, 22	Emmett Badar
Hermosa Beach SBC	Raymond Jackson; <i>Justin Massey</i>	San Gabriel DIST. 2, 15	Tony Ding; <i>Denise Menchaca</i>
Huntington Park DIST. 1	Eduardo Martinez; <i>Karina Macias</i>	San Marino DIST. 15, 16	Steve Talt; <i>Calvin Lo</i>
Industry DIST. 15, 18, 21	Cory Moss	Santa Clarita SCV	Jason Gibbs; <i>Marsha McLean</i>
Inglewood DIST. 5	James T. Butts	SCV (2nd DIR)	Laurene Weste; <i>Marsha McLean</i>
Irwindale DIST. 15, 22	H. Manuel Ortiz; <i>Albert F. Ambriz</i>	Santa Fe Springs DIST. 18	Juanita Martin; <i>Jay Sarno</i>
La Cañada Flintridge DIST. 28, 34	Michael A. Davitt; Kim Bowman; Teresa Walker Keith Eich; Richard B. Gunter III	Sierra Madre DIST. 15	Edward Garcia; <i>Kelly Kriebs</i>
La Habra Heights DIST. 18	Norm Zezula; <i>Carol Englehardt</i>	Signal Hill DIST. 3	Tina Hansen
La Mirada DIST. 18	Anthony Otero; <i>Steve De Ruse</i>	DIST. 29	Lori Y. Woods; Robert Copeland Edward H. J. Wilson; Keir Jones; Tina Hansen
La Puente DIST. 15, 21	Charlie Klinakis; <i>Valerie Munoz</i>	South El Monte DIST. 15	Gloria Olmos; <i>Richard Angel</i>
La Verne DIST. 21, 22	Tim Hepburn; <i>Muir Davis</i>	South Gate DIST. 1, 2	Maria del Pilar Avalos; <i>Maria Davila</i>
Lakewood DIST. 3, 19	Steve Croft; <i>Ariel Pe</i>	South Pasadena DIST. 16	Jon Primuth; <i>Jack Donovan</i>
Lancaster DIST. 14	R. Rex Parris; <i>Marvin Crist</i>	Temple City DIST. 15	Cynthia Sternquist; <i>Vincent Yu</i>
Lawndale DIST. 5	Robert Pullen-Miles; <i>Pat Kearney</i>	Torrance DIST. 5, SBC	George Chen; <i>Jon Kaji</i>
Lomita DIST. 5	Barry Waite; <i>James Gazeley</i>	Vernon DIST. 1, 2, 23	Leticia Lopez
Long Beach DIST. 1, 2, 3, 8, 19	Rex Richardson; <i>Suely Saro</i>	DIST. 23	Judith Merlo; Melissa Ybarra; Crystal Larios
Los Angeles City DIST. 1, 2, 3, 4, 5, 8, 9, 16	Paul Krekorian; <i>Tim McOsker</i>	Walnut DIST. 21, 22	Allen Wu; <i>Nancy Tragarz</i>
		West Covina DIST. 15, 21, 22	Dario Castellanos; <i>Rosario Diaz</i>
		West Hollywood DIST. 4	Sepi Shyne; <i>John M. Erickson</i>
		Whittier DIST. 2, 15, 18	Joe Vinatieri; <i>Cathy Warner</i>

Service Areas



Who We Are

The Sanitation Districts consist of 24 independent special districts serving about 5.5 million people in Los Angeles County. The service area in the map to the left covers approximately 850 square miles and encompasses 78 cities and unincorporated areas in the county.

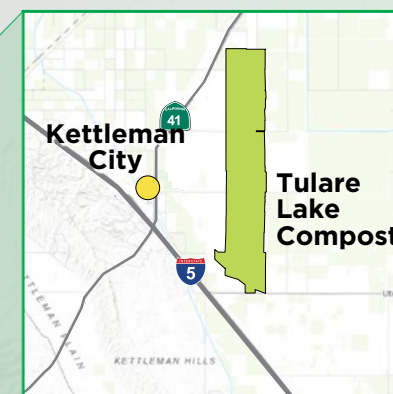
The Sanitation Districts were created in 1923 to construct, operate and maintain facilities that collect, treat and dispose of domestic and industrial wastewater. The Sanitation Districts own, operate and maintain the larger, regional wastewater collection systems, while cities and unincorporated areas within each district are

responsible for their smaller local collection systems (except for Signal Hill, whose local collection system is owned by Sanitation District No. 29). In the 1950s, the Sanitation Districts were given responsibility for solid waste management (excluding trash pickup). In 2016, the Sanitation Districts were also given the authority to help cities and unincorporated areas in Los Angeles County manage stormwater.

SERVING
5.5 million people
850 square miles
78 cities

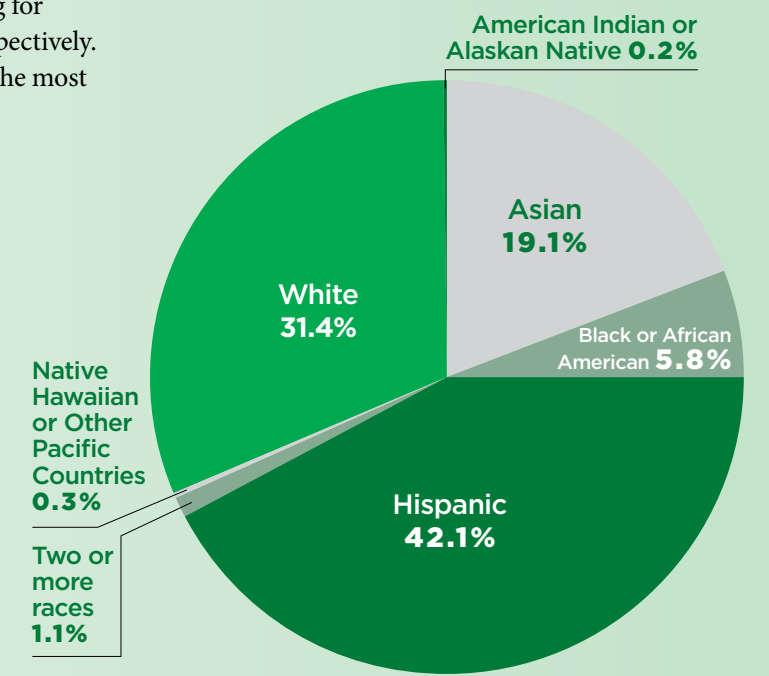
To maximize efficiency and reduce costs, the 24 districts work cooperatively with one administrative staff headquartered near the intersection of the 60 and 605 freeways, north of Whittier. Each district has a Board of Directors consisting of the mayor of each city served and the Chair of the County Board of Supervisors for unincorporated territory. Each district pays its proportionate share of administrative costs.

Overall wastewater and solid waste management spending for fiscal year 2021-22 was \$866 million and \$155 million, respectively. Both systems provide essential public services at some of the most competitive service rates in the country.



Inland Empire Regional Composting Facility
Mesquite Regional Landfill

FULL-TIME EMPLOYEES	
1,717	
AVERAGE AGE	AVERAGE YEARS OF SERVICE AT RETIREMENT
46	28
2022 NEW HIRES	2022 RETIREMENTS
183	80
LICENSED ENGINEERS	EMPLOYEES WITH ADVANCED DEGREES
238	236
EMPLOYEES WITH CERTIFICATION OF SPECIAL EXPERTISE	
231	
STAFFING BY GENDER	
WOMEN	MEN
23%	77%



Numbers as of Dec. 31, 2022

What We Do

WASTEWATER

We collect, treat and recycle the wastewater (sewage) from 5.5 million people in Los Angeles County. Our wastewater system currently treats about 400 million gallons per day, enough to fill the Rose Bowl nearly five times a day. This system includes 11 wastewater treatment plants, 49 pump stations, over 1,400 miles of sewer, and two state-of-the-art composting facilities for managing the solids removed during treatment.



1,200,000,000,000
Over 1 trillion gallons of water recycled since 1962

SOLID WASTE

Our solid waste management system includes two active landfills and three materials recovery/transfer facilities. Some of our facilities are operated by a third party. This system manages about 15 percent of the county's solid waste. We also have infrastructure for a waste-by-rail system to handle the county's waste in the future when local disposal options are exhausted.



2,000,000
tons of solid waste managed

GREEN ENERGY

The Sanitation Districts are one of the country's leading producers of green energy. Some of the electricity is used in powering Sanitation Districts' operations. The rest is exported to the local grid, which reduces the power that utilities must produce and thereby reduces greenhouse gas emissions.



64 megawatts produced:
enough for 64,000 homes

Our Organization

CHIEF ENGINEER & GENERAL MANAGER
Robert C. Ferrante

ASSISTANT CHIEF ENGINEER & ASSISTANT GENERAL MANAGER
Martha Tremblay

DEPUTY ASSISTANT CHIEF ENGINEER
Matt Eaton

DEPARTMENTS & SECTIONS

ENGINEERING	FACILITIES PLANNING	FINANCIAL MANAGEMENT	HUMAN RESOURCES	SOLID WASTE MANAGEMENT	TECHNICAL SERVICES	WASTEWATER MANAGEMENT
Civil & Mechanical Design	Information Technology	Accounting	Employee Benefits	Energy Recovery	Air Quality	Industrial Waste
Construction Management	Planning & Property Management	Budget & Finance	Employee Relations	Fleet Management	Environmental Health & Safety	Joint Water Pollution Control Plant
Electrical & Instrumentation Design	Public Information	Purchasing & Risk Management	Employment Services	Solid Waste Operations & Engineering	Laboratories	Wastewater Collection Systems
Sewer Design	Wastewater Planning		Payroll		Legislative & Regulatory Programs	Water Reclamation Plants
Structural, Architectural, & Geotechnical Design			Training & Development		Reuse & Compliance	
					Wastewater Research	
					Water Quality	

ENGINEERING

Design and construction oversight of Sanitation Districts' facilities

FACILITIES PLANNING

Long range planning, environmental review, environmental permitting, property management, information technology, public relations, security, facilities management and records management

FINANCIAL MANAGEMENT

Budgeting, accounting, purchasing, revenue collection, and insurance

HUMAN RESOURCES

Hiring employees, payroll, benefits and DEI (diversity, equity and inclusion) programs, as well as compliance with state and federal employment laws

SOLID WASTE MANAGEMENT

Operation and maintenance of the solid waste management facilities and energy recovery facilities

TECHNICAL SERVICES

Water recycling, biosolids management, water and air permit compliance reporting, wastewater and solid waste research, laboratory processes, regulatory and legislative advocacy, and worker health and safety

WASTEWATER MANAGEMENT

Operation and maintenance of wastewater management facilities and regulating industrial discharges to the Sanitation Districts' sewer system

Celebrating 60 Years of Water Recycling

The year 2022 marked the 60th anniversary of the Whittier Narrows Water Reclamation Plant (WRP). The plant resulted from a partnership between the Water Replenishment District, LA County Flood Control District and the Sanitation Districts. The Whittier Narrows WRP was the first water reclamation plant in the world built for the specific purpose of producing recycled water for groundwater recharge.

As a result, the Whittier Narrows WRP was recognized by the American Society of Civil Engineers as one of the three most outstanding civil engineering achievements of 1963 in the United States. The plant was cited as “a pioneering effort to demonstrate to the people of a large and arid metropolitan area that wastewater reclamation is a practical, safe, and economical method of supplementing the natural water supply.”

The success of the Whittier Narrows WRP led to the development and acceptance of water reclamation plants in Los Angeles County and throughout the nation. Today, the Sanitation Districts are one of the largest producers of recycled water in the nation. With our water partners, we have recycled over 1.2 trillion gallons of water since 1962.

Groundwater is recharged at the San Gabriel Spreading Grounds using recycled water.

Adapting to Change

In August 2022, the Sanitation Districts took the innovative step of leasing the Downey Area Recycling & Transfer Station (DART) and a portion of the Puente Hills Materials Recovery Facility (PHMRF) to Athens Services.

The tonnage at both facilities had been declining due to “vertical integration” of private solid waste companies and an uneven regulatory playing field that created extra costs for the Sanitation Districts compared to the private companies that compete for waste.

We convened a task force to examine these issues. Two key findings were: (1) we should maximize productive use of these facilities, which provide an important public service; and (2) all facilities must be operated in a financially sustainable way.

The creative solution was to lease these facilities to a third party. Since the leases went into effect, tonnage at DART has doubled and incoming recyclable tonnage at the PHMRF has increased five times. With the lease revenue, our solid waste department is building important reserves. Moreover, these facilities are now providing a greater public benefit.



An Athens worker moves bales of aluminum recyclables.

Puente Hills Landfill Park Moving Ahead

Over the life of the Puente Hills Landfill, the Sanitation Districts set aside tens of millions of dollars for the development and maintenance of a park after closure of the landfill.

When the landfill was still operating, the Sanitation Districts and LA County Department of Parks and Recreation (Parks and Rec) agreed that the Sanitation Districts would contribute to funding the park and that Parks and Rec would oversee the planning, design, construction, and operation of the park.

In 2021, the Sanitation Districts and Los Angeles County finalized the agreements necessary to move the park forward. The first phase of park construction will begin in 2025 with portions of the park opening in 2026. We look forward to supporting Parks and Rec in their efforts and seeing the park become a valued recreational resource for nearby communities.



The view from a hiking trail on Puente Hills Landfill.

Ramping Up Sewer Repair and Maintenance

In late 2021, we had a large sewer collapse. After quickly repairing the collapsed sewer, our focus shifted to learning from this event and improving our practices.

An engineering consulting firm, GHD, was hired to audit our practices and procedures. Their findings were posted to our website, and their recommendations can be grouped into three categories: accelerating needed sewer rehabilitation, new equipment to assess sewer conditions, and new processes to prioritize the most critical work.

By the end of 2022, we had completed 90 percent of GHD's recommendations. The big ongoing efforts will be managing the surge in sewer rehabilitation projects, creating a hydraulic computer model of our 1,400-mile sewer system, and developing a formal sewer manhole inspection program.

Crews install a new sewer in Carson that will provide relief for an aging sewer.



Advancing Diversity, Equity and Inclusion

In 2020, the Sanitation Districts proactively launched a Diversity, Equity and Inclusion (DEI) program to create a work environment where our employees can reach their full potential.

Since then, the Sanitation Districts partnered with a consulting firm to conduct a series of DEI assessments. A group of staff volunteers then used the consultant's findings to develop a DEI Strategic Action Plan. The Sanitation Districts also hired a DEI manager to drive implementation of the Action Plan.

In the coming year, we will focus on these parts of the plan: implementing DEI training for existing and new employees, creating procedures for voluntary identification of a person's desired pronouns, and auditing existing policies to remove any bias.

Members of the DEI Task Force, from left: Ajay Malik, Ingrid Herda, Patrick Adewunmi, Ariel Carmichael, Jon Dahl, Jacqueline Scott, Ruth Spierling, Eric Krikorian, Malika Jones, Eddie Mejia and Jacqueline Rose. Not pictured: Steven Birenbaum and Jessica Armand.

Progress Toward a New Water Source

The Sanitation Districts and the Metropolitan Water District of Southern California continue their partnership on the Pure Water Southern California Program, formerly known as the Regional Recycled Water Program. The program would create a new, reliable source of water for 1.5 million people.

In 2022, a second phase of testing the water purification technology began. This testing can help guide the design and operation of a full-scale advanced purification facility at our Joint Water Pollution Control Plant in Carson.

The environmental review process began in fall of 2022 with the scoping phase. In this phase, public agencies and interested parties were notified that an Environmental Impact Report (EIR) will be prepared for the program.

We encouraged input to help identify environmental concerns for study in the EIR. We are preparing a draft EIR that is expected to be released for public review in early 2024. Extensive public outreach continues.

General Manager Robert Ferrante and District 2 Board Chair Cathy Warner tour the Pure Water demonstration facility with Governor Newsom and other guests.

Over 1.8 Miles of Tunneling Completed

A new tunnel from the JWPCP to the coast is being built to carry clean water to the ocean. The new tunnel will replace two aging tunnels (built in 1937 and 1958). In doing so, the new tunnel will protect local waterways by providing reliability for a critical part of our regional wastewater management system that 5 million people depend on.

In 2022, over 1.8 miles of the Clearwater tunnel were successfully built using a state-of-the-art tunnel boring machine named *Rachel*. Tunneling has now passed under Figueroa Street, the 110 Freeway and Harbor Regional Park.

The remainder of this 7-mile, 18-foot internal diameter tunnel will be completed over the next three years. The overall project will finish in 2027 when the new tunnel is tied into our existing ocean outfalls in San Pedro and our wastewater treatment plant in the City of Carson.

Inside the tunnel boring machine for the Clearwater project.

Assessing Future JWPCP Energy Needs

The Sanitation Districts' Joint Water Pollution Control Plant (JWPCP) treats wastewater for 3.5 million people and is one of the largest plants in the nation.

As part of the treatment, the plant produces biogas that is used at an onsite power plant to create enough energy to meet all of the plant's needs. This power plant is aging, and potential regulations may require significant changes to the power plant.

The JWPCP is also a key component of the Sanitation Districts Food Waste Recycling Program where food waste is converted into green energy and nutrient-rich compost. We are looking to expand this program to further help our member cities meet state organics diversion requirements.

Last, the JWPCP is the proposed site of the Pure Water Southern California water purification facilities, which could produce enough water for 1.5 million people. However, these facilities would create a large new energy demand.

In 2023, we will begin assessing these interconnected energy issues to identify the best path forward.



The Total Energy Facility at JWPCP generates electricity from biogas.

Reducing Greenhouse Gases

Many of the Sanitation Districts' activities reduce greenhouse gases and support a sustainable future. As described on page 1, the Sanitation Districts completed their first greenhouse gas inventory in 2022 and the agency is carbon negative. That is, we offset more greenhouse gas emissions than we create. Greenhouse gas savings in 2022 from our six biggest initiatives are presented below.



Cleaned water from Whittier Narrows WRP.

GHG reduction initiative	GHG avoided in MTCO ₂ e*	Equivalent to avoidance of
BIOGAS-TO-ELECTRICITY	89,000	annual emissions produced by providing energy for 17,000 homes
ALTERNATIVE VEHICLE FUELS (renewable diesel, biogas, electricity)	2,800	annual emissions of 600 passenger vehicles
WATER RECYCLING	53,000	130 million miles driven by cars
TURNING BIOSOLIDS INTO COMPOST	39,000	conversion of 260 acres of forest to cropland
FOOD WASTE DIVERSION FROM LANDFILLS	33,000	3.7 million gallons of gasoline burned
GREEN WASTE DIVERSION	8,000	8.8 million pounds of coal burned

*Metric tons of CO₂ equivalent avoided in 2022.

Connecting With Our Community

Community engagement helps us understand the public's needs so that we can provide better service. Initially, the pandemic forced us to cancel in-person outreach. We responded by hosting a number of virtual tours and presentations for groups, including school classes. In 2022, we also hosted a virtual Earth Day event. Recordings of the tours are available on our YouTube Channel and serve as an on-demand educational resource.

We resumed in-person tours in March 2022 and look forward to more face-to-face interaction with the public in 2023!



15 TOURS OF BIXBY MARSHLAND

GENERAL OUTREACH

- 53** TOURS OF OUR FACILITIES
- 50** SEWER SCIENCE SCHOOLS
- 40** THINK EARTH CLASSES
- 15** SPEAKERS BUREAU EVENTS
- 30** GRADES OF GREEN TEAMS



CLEARWATER PROJECT OUTREACH

- 1** VIRTUAL PUBLIC TOUR/CONSTRUCTION UPDATE
- 17** SCHOOL PRESENTATIONS
- 16** COMMUNITY PRESENTATIONS
- 2** THINK WATERSHED BOAT TRIPS
- 2** WATER JOURNEY FIELD TRIPS



ACTIVE ENGAGEMENT THROUGH SOCIAL MEDIA



2,100
FOLLOWERS



1,500
FOLLOWERS



1,400
FOLLOWERS



360
SUBSCRIBERS

78 HOUSEHOLD HAZARDOUS AND ELECTRONIC WASTE COLLECTION EVENTS.

56,000
HOUSEHOLDS SERVED

2022 Awards & Achievements



AMERICAN ACADEMY
OF ENVIRONMENTAL ENGINEERS & SCIENTISTS®

GRAND PRIZE ENVIRONMENTAL COMMUNICATIONS AWARD
COMMUNICATING DURING AN EMERGENCY: OUR RESPONSE TO A MAJOR SEWER SPILL

NACWA
THE VOICE FOR A CLEAN WATER FUTURE

PLATINUM AWARDS

WHITTIER NARROWS WRP
6 YEARS

JOINT WATER POLLUTION CONTROL PLANT

GOLD AWARDS

LONG BEACH WRP

PALMDALE WRP

POMONA WRP

SAN JOSE CREEK WRP WEST

SILVER AWARDS

LA CAÑADA WRP

LANCASTER

LOS COYOTES

SAN JOSE CREEK EAST

CWEA

Los Angeles Basin Section Awards



COMMUNITY ENGAGEMENT AND OUTREACH PHOTOGRAPHY

ELIZABETH ALBA & PAUL McCARTY

ENGINEERING AND RESEARCH ACHIEVEMENT

ARTIN LALEIAN & RACHEL DECO

P3S PERSON OF THE YEAR

KRISTOPHER MCGINNIS

LARGE PLANT OF THE YEAR
JOINT WATER POLLUTION CONTROL PLANT

SUPERVISOR OF THE YEAR
MARK WEAVER

OPERATOR OF THE YEAR
INGO FIGUEROA



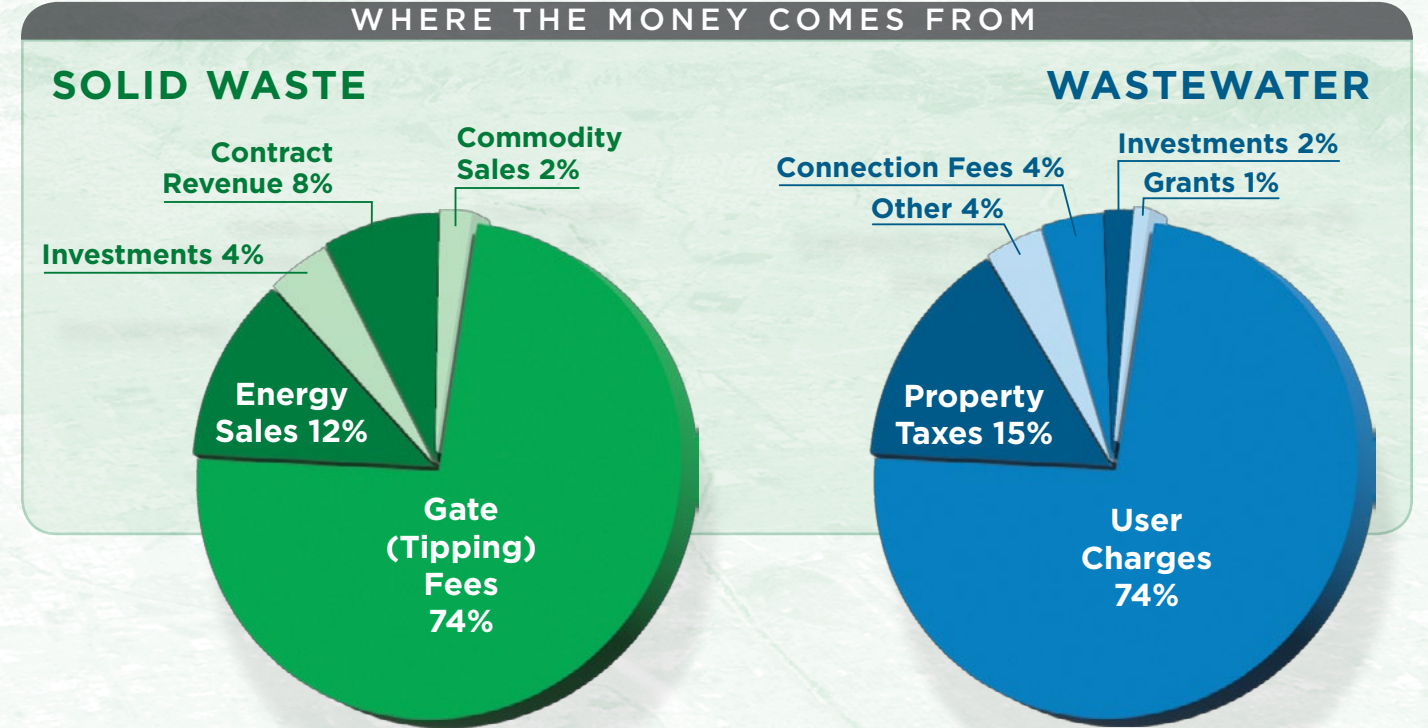
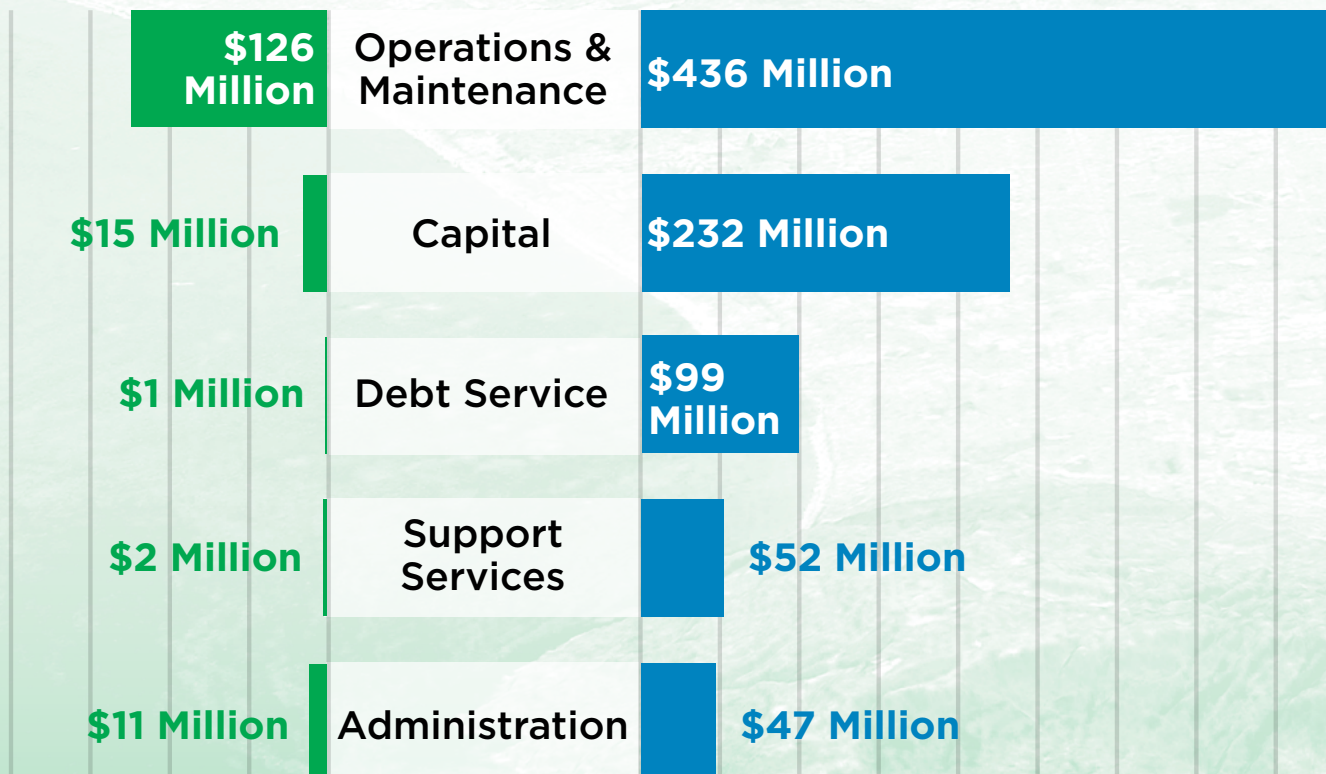
The Financial Landscape

Fiscal Year 2021-22



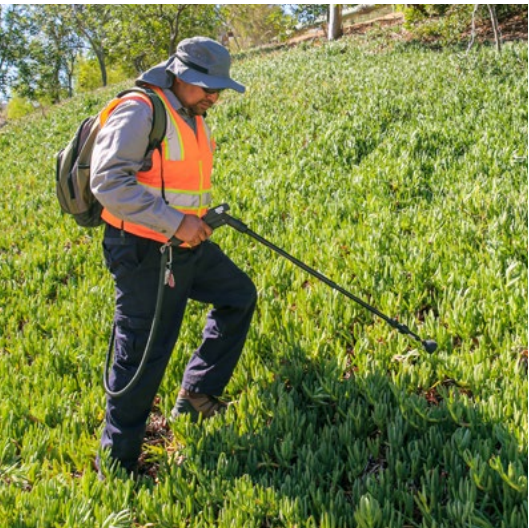
SOLID WASTE

WASTEWATER





The Districts' Mission Continues



To join our team, visit governmentjobs.com/careers/LACSD.

WE CAN ALL HELP

Rain and overwatering wash pollutants on the ground (including motor oil, trash and animal waste) into storm drains that empty to local rivers and the ocean. You can help protect our environment by properly disposing of pollutants.


For LA County cities looking for help cleaning their stormwater, the Sanitation Districts have the facilities and expertise to assist. Please call us to learn more.



**LOS ANGELES COUNTY
SANITATION DISTRICTS**

Converting Waste Into Resources

 SanDistricts

 SanitationDistrictsLACounty

 SanDistricts

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