



LOS ANGELES COUNTY
SANITATION DISTRICTS

A Century of Service

2023

Annual Report



In **2023**, we and our partners turned wastewater and trash into:

54

BILLION GALLONS OF RECYCLED WATER

57

MEGAWATTS OF ELECTRICITY

154,000

TONS OF RECYCLED MATERIALS

130,000

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



A CENTURY OF SERVICE

We are honored to celebrate our centennial this year and reaffirm our commitment to serving Los Angeles County. For the past 100 years, we have been managing wastewater and solid waste infrastructure to serve the people of our community. Today, the Sanitation Districts convert waste into resources for 5.5 million people in 78 cities and unincorporated areas of the county.

Since our formation in 1923, we have been committed to innovation. We are pioneers in water recycling—cleaning over 1.2 trillion gallons of water for beneficial reuse. At our solid waste facilities, we developed practices that were more friendly to the environment and our neighbors. We also found ways to convert waste into green energy. Our proud history has helped form a culture that will guide us for our next hundred years.

FRONT COVER: The Joint Disposal Plant in 1928, site of today's A.K. Warren Water Resource Facility (Warren Facility), formerly Joint Water Pollution Control Plant. **ABOVE TOP:** Directors gather for the groundbreaking of the Wright Road trunk sewer in 1925. **ABOVE:** Directors, staff and retirees gathered at the Warren Facility in October 2023 to celebrate the agency's centennial.

A MESSAGE FROM OUR CHIEF ENGINEER

Drawing Wisdom from the Past and Charting the Course for the Next Century

In 2023, the Sanitation Districts proudly commemorated a century since the enactment of the County Sanitation District Act, a pivotal moment that gave rise to our agency. Over the past 100 years, we have evolved from a mere concept to an integral part of the region, supporting growth, leading innovation and protecting public health and the environment in a cost-effective manner. As we reflect on the agency’s contributions to the people of Los Angeles County, we find inspiration in our history to confront the challenges that lie ahead.

Our inaugural Chief Engineer, Albert Kendall Warren (A.K. Warren), serves as an enduring example of public service—a legacy that continues to shape who we are today. Under Mr. Warren’s leadership, the Sanitation Districts were founded upon the pillars of service, sound engineering and regional collaboration, principles that have proven instrumental over the years. Looking to the future, I am confident that these principles will continue to guide the agency successfully.



A notable highlight of the year was the renaming of our largest wastewater treatment plant in his honor—the A.K. Warren Water Resource Facility, formerly known as the Joint Water Pollution Control Plant. This tribute not only pays homage to the past but also underscores our unwavering commitment to a sustainable future.

The Sanitation Districts will continue its leadership role in the wastewater and solid waste industry with a focus on sustainable practices. The evident impacts of climate change, from drought to forest fires, compel us to bolster the region’s resilience to these challenges. Our mission of converting waste into resources is a critical part of being sustainable. I look forward to working with you as we embark on the next 100 years with a focus on addressing aging infrastructure, fighting climate change and continuing to help build a more sustainable future.

I am optimistic about the future, aware of the challenges and determined to explore new opportunities for progress and success.

Sincerely,

Robert C. Ferrante
Chief Engineer & General Manager

Boards of Directors (as of printing, March 18, 2024)

Alhambra DIST. 2, 16	Ross Maza; <i>Sasha Perez</i>	Los Angeles County (unincorporated)	
Arcadia DIST. 15, 22	April Verlato; <i>Michael Cao</i>	DIST. 2, 9, 16, 21, 22	Lindsey P. Horvath; <i>Hilda Solis</i>
Artesia DIST. 2, 18, 19	Monica Manalo; <i>Ali Sajjad Taj</i>	DIST. 1, 3, 5, 17, 18, 19, 27, NR	Lindsey P. Horvath <i>Janice Hahn</i>
Azusa DIST. 22	Robert Gonzales; <i>Edward J. Alvarez</i>	DIST. 14, 15, 20, SCV	Lindsey P. Horvath; <i>Kathryn Barger</i>
Baldwin Park DIST. 15, 22	Emmanuel J. Estrada <i>Monica Garcia</i>	DIST. 8	Lindsey P. Horvath; <i>Holly J. Mitchell</i>
Bell DIST. 1, 2	Fidencio Gallardo; <i>Ali Saleh</i>	DIST. 17 (2nd DIR)	Kathryn Barger; <i>Janice Hahn</i>
Bell Gardens DIST. 2	Jorgel Chavez; <i>Marco Barcena</i>	DIST. 9 (2nd DIR)	Janice Hahn; <i>Hilda Solis</i>
Bellflower DIST. 2, 3, 18	Dan Koops; <i>Raymond Dunton</i>	Lynwood DIST. 1	Jose Luis Solache; <i>Rita Soto</i>
Beverly Hills DIST. 4	Julian Gold; <i>Sharon Nazarian</i>	Manhattan Beach DIST. 5, SBC	Joseph Franklin <i>Amy Howorth</i>
Bradbury DIST. 15, 22	vacant; <i>Richard Barakat</i>	Maywood DIST. 1	Eddie De La Riva; <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	Bruce Barrows; <i>Naresh Solanki</i>	Montebello DIST. 2, 15	Scarlet Peralta; <i>Salvador Melendez</i>
Claremont DIST. 21	Sal Medina; <i>Corey Calaycay</i>	Monterey Park DIST. 2, 15	Jose Sanchez; <i>Thomas Wong</i>
City of Commerce DIST. 2	Hugo Argumedo <i>Ivan Altamirano</i>	Norwalk DIST. 2, 18	Margarita Rios; <i>Rick Ramirez</i>
Compton DIST. 1, 2, 8	Emma Sharif	Palmdale DIST. 14, 20	Austin Bishop; <i>Andrea Alarcon</i>
Covina DIST. 22	Walter Allen III; <i>Patricia Cortez</i>	DIST. 20 (2nd DIR)	Richard J. Loa; <i>Andrea Alarcon</i>
Cudahy DIST. 1	Jose Gonzalez; <i>Martin U. Fuentes</i>	Palos Verdes Estates DIST. 5, SBC	Dawn Murdock <i>Victoria Lozzi</i>
Culver City DIST. 5	Yasmine-Imani McMorrin; <i>Dan O'Brien</i>	Paramount DIST. 1, 2	Isabel Aguayo; <i>Annette Delgadillo</i>
Diamond Bar DIST. 21	Stan Liu; <i>Andrew Chou</i>	Pasadena DIST. 15, 16, 17	Victor Gordo; <i>Felicia Williams</i>
Downey DIST. 2, 18	Mario Trujillo; <i>Hector Sosa</i>	Pico Rivera DIST. 2, 18	Andrew Lara; <i>Gustavo Camacho</i>
Duarte DIST. 15, 22	Vinh Truong; <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	John Cruikshank <i>Eric Alegria</i>
El Segundo DIST. 5, SBC	Drew Boyles; <i>Chris Pimentel</i>	Redondo Beach DIST. 5, SBC	Bill Brand; <i>Todd Loewenstein</i>
Gardena DIST. 5	Tasha Cerda; <i>Paulette C. Francis</i>	Rolling Hills DIST. 5	Patrick Wilson
Glendora DIST. 22	Mendell Thompson; <i>Michael Allawos</i>	Rolling Hills Estates DIST. 5, SBC	Velveth Schmitz
Hawaiian Gardens DIST. 19	Victor Farfan <i>Maria Teresa Del Rio</i>	Rosemead DIST. 15	Steven Ly; <i>Margaret Clark</i>
Hawthorne DIST. 5	Alex Vargas; <i>Alex Monteiro</i>	San Dimas DIST. 21, 22	Emmett Badar
Hermosa Beach SBC	Justin Massey; <i>Dean Francois</i>	San Gabriel DIST. 2, 15	John Harrington; <i>Tony Ding</i>
Huntington Park DIST. 1	Marilyn Sanabria; <i>Karina Macias</i>	San Marino DIST. 15, 16	Steve Talt; <i>Calvin Lo</i>
City of Industry DIST. 15, 18, 21	Cory Moss	Santa Clarita SCV	Cameron Smyth; <i>Marsha McLean</i>
Inglewood DIST. 5	James T. Butts	SCV (2nd DIR)	Laurene Weste; <i>Marsha McLean</i>
Irwindale DIST. 15, 22	Albert F. Ambriz; <i>Larry Burrola</i>	Santa Fe Springs DIST. 18	Jay Sarno; <i>William Rounds</i>
La Cañada Flintridge DIST. 28, 34	Michael A. Davitt Kim Bowman; Teresa Walker; Keith Eich; Richard B. Gunter III	Sierra Madre DIST. 15	Kelly Kriebs; <i>Robert Parkhurst</i>
La Habra Heights DIST. 18	Carol Engelhardt; <i>John Pespisa</i>	Signal Hill DIST. 3, 29	Lori Y. Woods; <i>Edward H.J. Wilson</i>
La Mirada DIST. 18	Steve De Ruse	DIST. 29	Tina Hansen; Robert Copeland Edward H. J. Wilson; Keir Jones
La Puente DIST. 15, 21	Gabriel Quinones; <i>Charlie Klimakis</i>	South El Monte DIST. 15	Gloria Olmos; <i>Richard Angel</i>
La Verne DIST. 21, 22	Tim Hepburn	South Gate DIST. 1, 2	Gil Hurtado; <i>Maria Davila</i>
Lakewood DIST. 3, 19	Ariel Pe; <i>Todd Rogers</i>	South Pasadena DIST. 16	Evelyn Zneimer; <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	Bill Uphoff; <i>James Gazeley</i>	Vernon DIST. 1, 2	Crystal Larios; <i>Judith Merlo</i>
Long Beach DIST. 1, 2, 3, 8, 19	Rex Richardson; <i>Suely Saro</i>	DIST. 23	Judith Merlo; Melissa Ybarra Jesus Rivera; Leticia Lopez
Los Angeles City DIST. 1, 2, 3, 4, 5, 8, 9, 16	Paul Krekorian <i>Tim McOsker</i>	Walnut DIST. 21, 22	Nancy Tragarz; <i>Allen Wu</i>
		West Covina DIST. 15, 21, 22	Brian Calderon Tabatabai <i>Rosario Diaz</i>
		West Hollywood DIST. 4	John M. Erickson; <i>Chelsea Byers</i>
		Whittier DIST. 2, 15, 18	Joe Vinatieri; <i>Cathy Warner</i>

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 5,500 tons of the county's solid waste every day. 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.

57 megawatts produced:
enough for 57,000 homes

Our Organization

CHIEF ENGINEER & GENERAL MANAGER

Robert C. Ferrante

ASSISTANT CHIEF ENGINEER & ASSISTANT GENERAL MANAGER

Martha Tremblay

DEPUTY ASSISTANT CHIEF ENGINEER

Matthew A. Eaton

DEPARTMENTS & SECTIONS

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

FINANCIAL MANAGEMENT

Budgeting, accounting, purchasing, revenue collection and insurance

HUMAN RESOURCES

Hiring employees, payroll, benefits and compliance with state and federal employment laws

SOLID WASTE MANAGEMENT

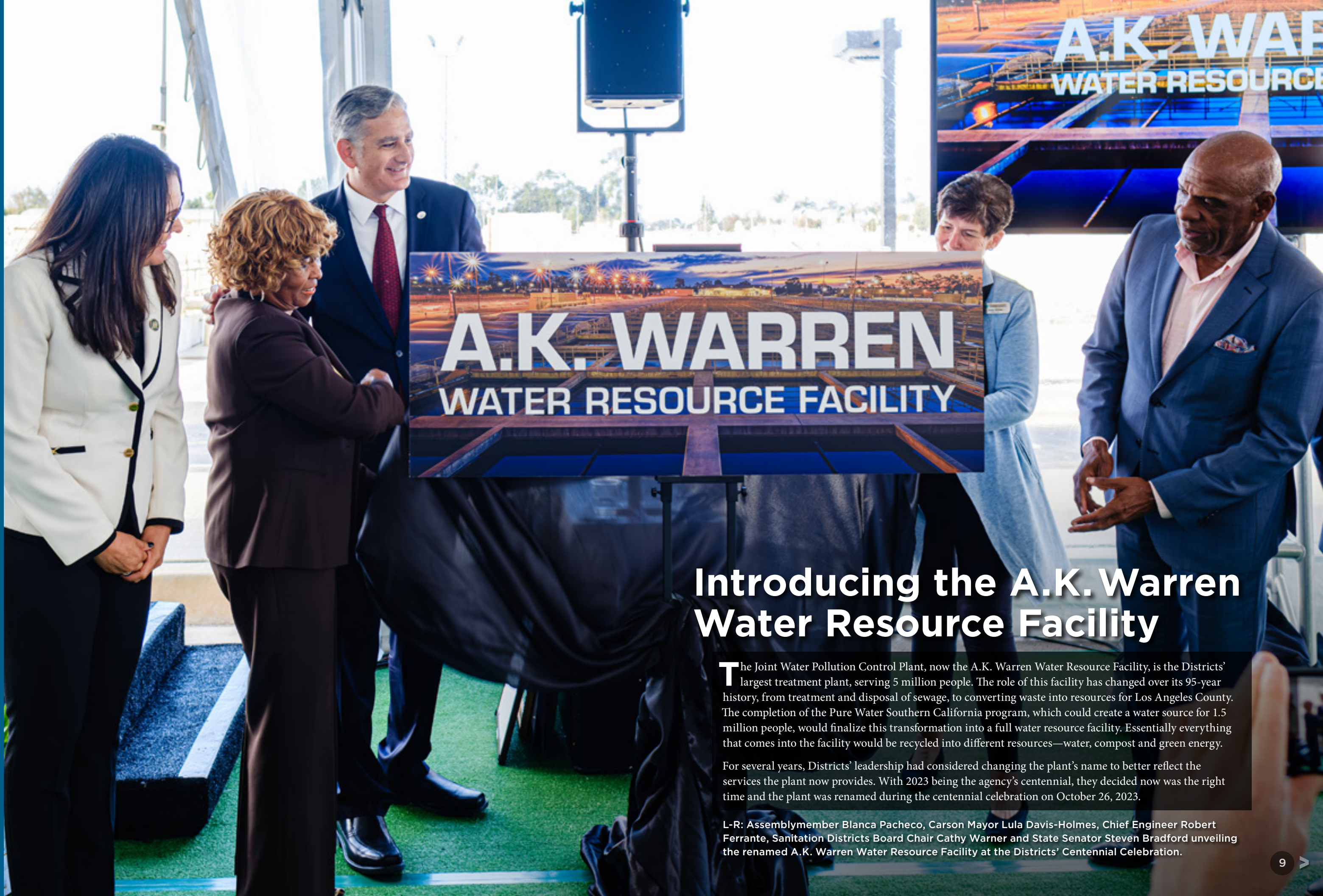
Operation and maintenance of the solid waste management facilities and energy recovery facilities

TECHNICAL SERVICES

Water recycling, biosolids management, water and air permit compliance, research, laboratory processes, regulatory advocacy and legislative advocacy

WASTEWATER MANAGEMENT

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



Introducing the A.K. Warren Water Resource Facility

The Joint Water Pollution Control Plant, now the A.K. Warren Water Resource Facility, is the Districts' largest treatment plant, serving 5 million people. The role of this facility has changed over its 95-year history, from treatment and disposal of sewage, to converting waste into resources for Los Angeles County. The completion of the Pure Water Southern California program, which could create a water source for 1.5 million people, would finalize this transformation into a full water resource facility. Essentially everything that comes into the facility would be recycled into different resources—water, compost and green energy.

For several years, Districts' leadership had considered changing the plant's name to better reflect the services the plant now provides. With 2023 being the agency's centennial, they decided now was the right time and the plant was renamed during the centennial celebration on October 26, 2023.

L-R: Assemblymember Blanca Pacheco, Carson Mayor Lula Davis-Holmes, Chief Engineer Robert Ferrante, Sanitation Districts Board Chair Cathy Warner and State Senator Steven Bradford unveiling the renamed A.K. Warren Water Resource Facility at the Districts' Centennial Celebration.



More Green Energy from Food Waste

The Sanitation Districts' Food Waste Recycling Program continues to help cities meet their organic diversion goals by processing source-separated food waste and co-digesting liquified food waste. The volume of liquified food waste received at the Warren Facility has increased as more member cities start their organic waste diversion programs. As a result, the Districts are generating more biogas and expanding programs to beneficially use that biogas.

In 2023, design began on a system to purify biogas into pipeline-quality renewable natural gas (RNG). This RNG is expected to be injected into the Southern California Gas natural gas pipeline network by 2025.

The Districts are also expanding their natural gas fueling station to serve more RNG as vehicle fuel. Both efforts will reduce the need for fossil fuels.

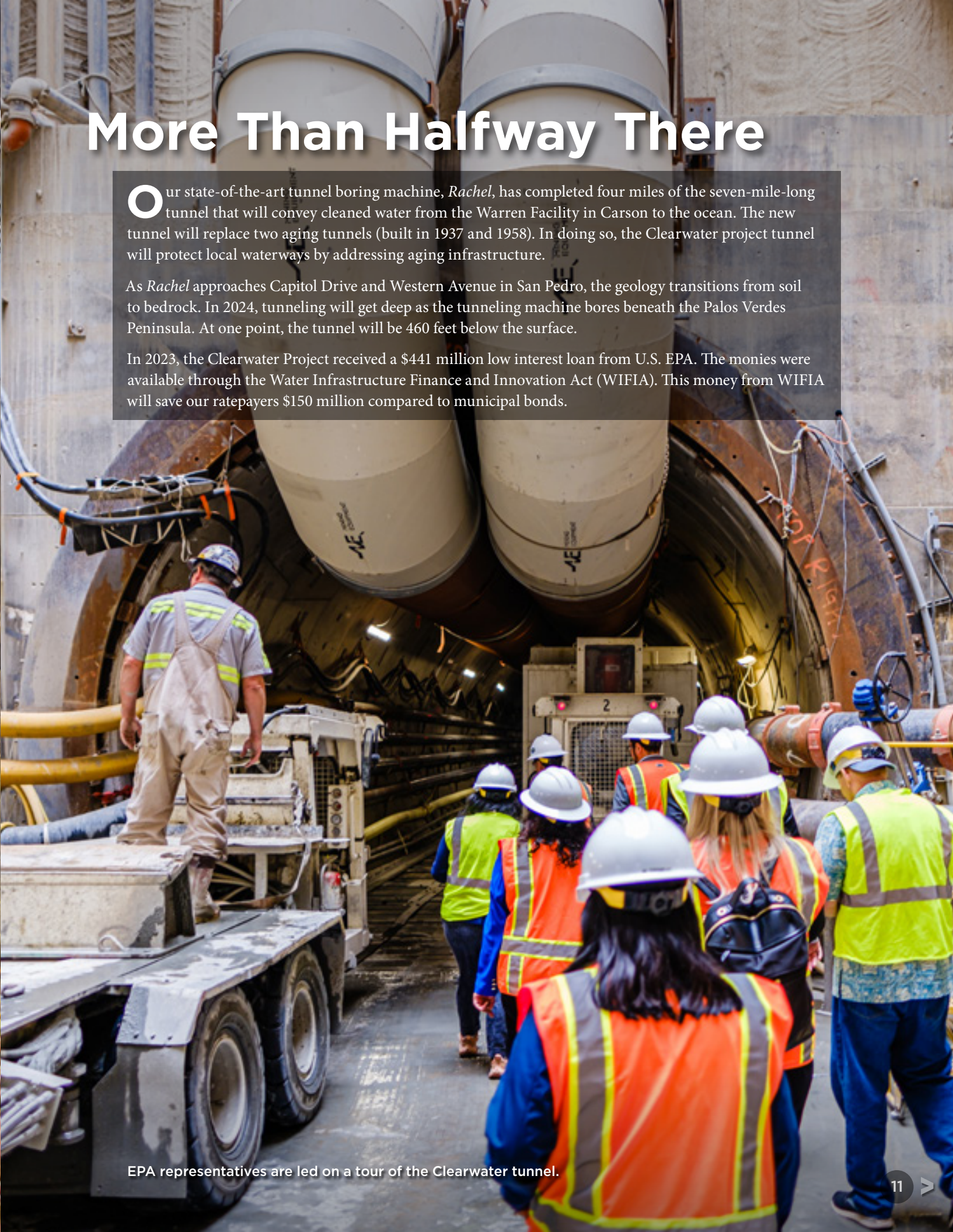
Food waste is collected at Puente Hills Materials Recovery Facility.

More Than Halfway There

Our state-of-the-art tunnel boring machine, *Rachel*, has completed four miles of the seven-mile-long tunnel that will convey cleaned water from the Warren Facility in Carson to the ocean. The new tunnel will replace two aging tunnels (built in 1937 and 1958). In doing so, the Clearwater project tunnel will protect local waterways by addressing aging infrastructure.

As *Rachel* approaches Capitol Drive and Western Avenue in San Pedro, the geology transitions from soil to bedrock. In 2024, tunneling will get deep as the tunneling machine bores beneath the Palos Verdes Peninsula. At one point, the tunnel will be 460 feet below the surface.

In 2023, the Clearwater Project received a \$441 million low interest loan from U.S. EPA. The monies were available through the Water Infrastructure Finance and Innovation Act (WIFIA). This money from WIFIA will save our ratepayers \$150 million compared to municipal bonds.



EPA representatives are led on a tour of the Clearwater tunnel.

Pure Water Southern California Gets State Support



The Sanitation Districts and the Metropolitan Water District of Southern California continue their partnership on the Pure Water Southern California Program. The program would create a new, reliable source of water for 1.5 million people. Extensive public outreach continues along with the environmental review process. Release of the draft environmental impact report is expected in late 2024.

Several milestones marked the progress of the program in 2023. In July of 2023, the program received an \$80 million grant from the state to advance its development.

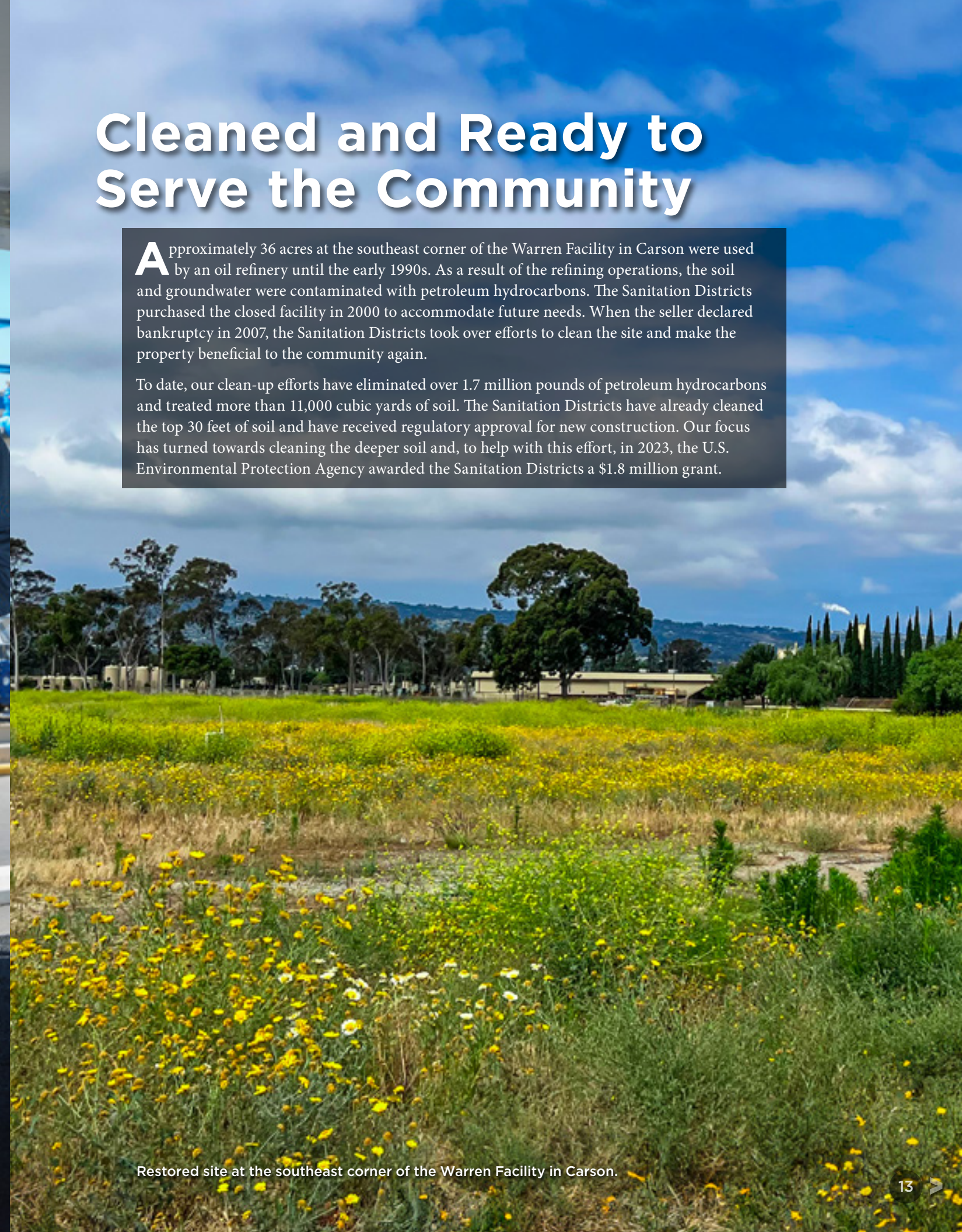
In November, the demonstration facility was renamed the Grace F. Napolitano Pure Water Southern California Innovation Center (Innovation Center). The Innovation Center also underwent renovations in preparation for a third phase of testing the water purification technology.

Sanitation Districts, Metropolitan Water District of Southern California and elected officials accept a state grant for the Pure Water Southern California Program.

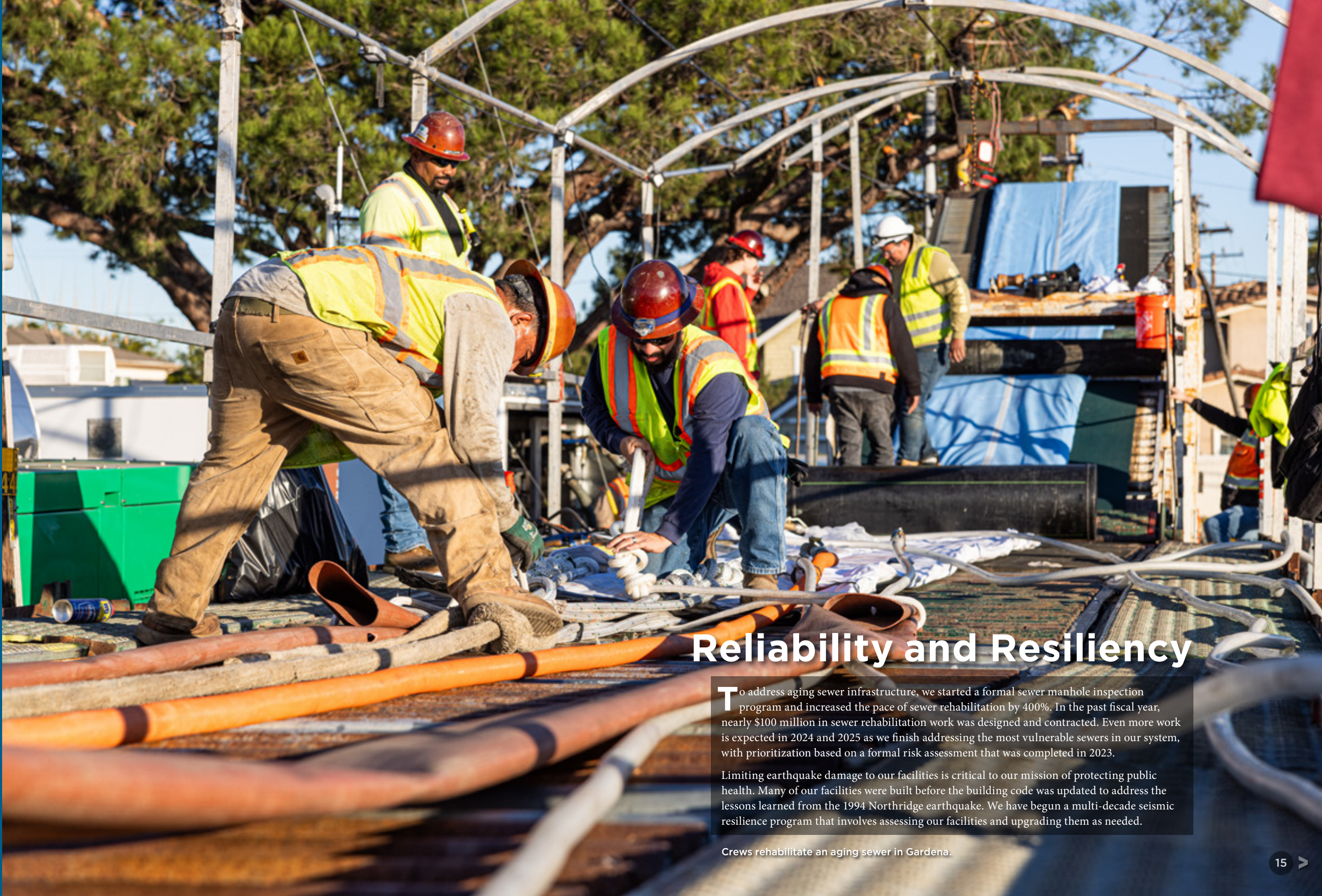
Cleaned and Ready to Serve the Community

Approximately 36 acres at the southeast corner of the Warren Facility in Carson were used by an oil refinery until the early 1990s. As a result of the refining operations, the soil and groundwater were contaminated with petroleum hydrocarbons. The Sanitation Districts purchased the closed facility in 2000 to accommodate future needs. When the seller declared bankruptcy in 2007, the Sanitation Districts took over efforts to clean the site and make the property beneficial to the community again.

To date, our clean-up efforts have eliminated over 1.7 million pounds of petroleum hydrocarbons and treated more than 11,000 cubic yards of soil. The Sanitation Districts have already cleaned the top 30 feet of soil and have received regulatory approval for new construction. Our focus has turned towards cleaning the deeper soil and, to help with this effort, in 2023, the U.S. Environmental Protection Agency awarded the Sanitation Districts a \$1.8 million grant.



Restored site at the southeast corner of the Warren Facility in Carson.



Reliability and Resiliency

To address aging sewer infrastructure, we started a formal sewer manhole inspection program and increased the pace of sewer rehabilitation by 400%. In the past fiscal year, nearly \$100 million in sewer rehabilitation work was designed and contracted. Even more work is expected in 2024 and 2025 as we finish addressing the most vulnerable sewers in our system, with prioritization based on a formal risk assessment that was completed in 2023.

Limiting earthquake damage to our facilities is critical to our mission of protecting public health. Many of our facilities were built before the building code was updated to address the lessons learned from the 1994 Northridge earthquake. We have begun a multi-decade seismic resilience program that involves assessing our facilities and upgrading them as needed.

Crews rehabilitate an aging sewer in Gardena.

Historically Dry Tulare Lake Refills

In early 2023, California was pummeled with record-setting rainfall and the Southern Sierra Nevada Mountains were blanketed with three times the average snowpack. The rapidly melting snowpack caused serious flooding in the Tulare Lake bed and surrounding areas, with roads and farms being submerged.

While our Tulare Lake Compost, located on the western edge of the old Tulare Lake, also faced the threat of flooding, this facility was designed with several levels of flood protection, including five feet of raised elevation and two sets of levees. Regardless, the Sanitation Districts prepared for the possibility of flooding by temporarily stopping acceptance of biosolids and adding additional flood protections to key equipment. By July, the risk of flooding was reduced and operations restarted.

Street flooded by reappearance of Tulare Lake.
Photo courtesy of Josh Baar/California Department of Water Resources.



Our First Year Implementing Strategic DEI Plan



In the past year, we made progress in advancing our efforts for Diversity, Equity and Inclusion (DEI). We've been implementing our DEI Strategic Plan, emphasizing the inclusivity and recognition of our diverse workforce. Following are some key highlights from 2023.

In March, we introduced procedures allowing employees to voluntarily identify their preferred personal pronouns, fostering a culture of respect and acknowledgment. Also throughout 2023, our organization has enthusiastically celebrated and honored various heritage months, spotlighting our internal diversity. These celebrations have not only honored our employees' varied backgrounds but also served as educational platforms, enhancing our collective understanding and appreciation of each other's heritage.

In a significant move to support career development and cross-cultural understanding, we selected a vendor to support our upcoming Mentorship Program. This initiative ensures employees can have access to internal mentorship and guidance, regardless of their location.

Year 2023's efforts reflect our ongoing dedication to building a workplace where diversity is valued, equity is pursued and inclusion is lived daily. The Districts will continue promoting professional growth and fostering an inclusive work environment for all.

Staff presentation discussing DEI efforts.

Addressing Climate Change

Many of the Sanitation Districts activities reduce greenhouse gas (GHG) emissions. Below are GHG savings from our biggest initiatives in 2023.



Bixby Marshland

GHG reduction initiative	GHG avoided in MTCO ₂ e*	Equivalent to avoidance of annual emissions produced by providing energy for
BIOGAS-TO-ELECTRICITY**	80,000	15,600 homes
FOOD WASTE DIVERSION** FROM LANDFILLS	52,000	5.9 million gallons of gasoline burned
WATER RECYCLING	44,000	112 million miles driven by cars
BIOSOLIDS FOR SOIL ENRICHMENT	40,000	conversion of 262 acres of forest to cropland
GREEN WASTE DIVERSION	8,000	9.4 million pounds of coal burned
BIOGAS-TO-FUEL PROJECT**	3,000	annual emissions of 670 passenger vehicles

*Metric tons of CO₂ equivalent avoided in 2023. **Credit for these reductions have been sold to a third party.

Connecting With Our Community

Community engagement helps us understand the public's needs so that we can provide better service. Since the end of the federal COVID-19 public health emergency, we have resumed in-person events while still integrating remote technology for greater access. In 2023, we had our first in-person Earth Day Festival since 2019, and we continue reaching out to our community through tours, school programs and more.



14 TOURS OF BIXBY MARSHLAND

CLEARWATER PROJECT OUTREACH

- 6** SCHOOL PRESENTATIONS
- 21** COMMUNITY PRESENTATIONS
- 12** THINK WATERSHED BOAT TRIPS
- 3** WATER JOURNEY FIELD TRIPS

GENERAL OUTREACH

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



ACTIVE ENGAGEMENT THROUGH SOCIAL MEDIA

- Facebook:** 2,500 FOLLOWERS
- Instagram:** 1,900 FOLLOWERS
- X:** 1,500 FOLLOWERS
- YouTube:** 400 SUBSCRIBERS

55 HOUSEHOLD HAZARDOUS AND ELECTRONIC WASTE COLLECTION EVENTS.

45,000 HOUSEHOLDS SERVED

2023 Awards & Achievements



AMERICAN ACADEMY
OF ENVIRONMENTAL ENGINEERS & SCIENTISTS®

GRAND PRIZE ENVIRONMENTAL SUSTAINABILITY

REDUCING OUR CARBON FOOTPRINT: THE SANITATION DISTRICTS' GREENHOUSE GAS REDUCTION INITIATIVES

40 UNDER 40: RISING STARS IN ENVIRONMENTAL ENGINEERING AND SCIENCE

CECILIA DOMINGUEZ, DANIELLE DORLEY & KATIE MARJANOVIC

NACWA
THE VOICE FOR A CLEAN WATER FUTURE

PLATINUM AWARDS

- WHITTIER NARROWS WRP 7 YEARS
- WARREN FACILITY 6 YEARS

GOLD AWARDS

- LA CAÑADA WRP
- LANCASTER WRP
- LOS COYOTES WRP
- POMONA WRP
- SAN JOSE CREEK WRP WEST

SILVER AWARDS

- LONG BEACH WRP
- PALMDALE WRP
- SAN JOSE CREEK WRP EAST

CWEA
Los Angeles Basin Section Awards



COMMUNITY ENGAGEMENT AND OUTREACH PHOTOGRAPHY

ELIZABETH LUNA & PAUL McCARTY

P3S PERSON OF THE YEAR

JASON FINN

OPERATOR OF THE YEAR

ZACHARY GAMPE

ENGINEERING AND RESEARCH ACHIEVEMENT

HPOLE PROCESS AT THE WARREN FACILITY

SAFETY PLANT OF THE YEAR

LANCASTER WRP



The Financial Landscape

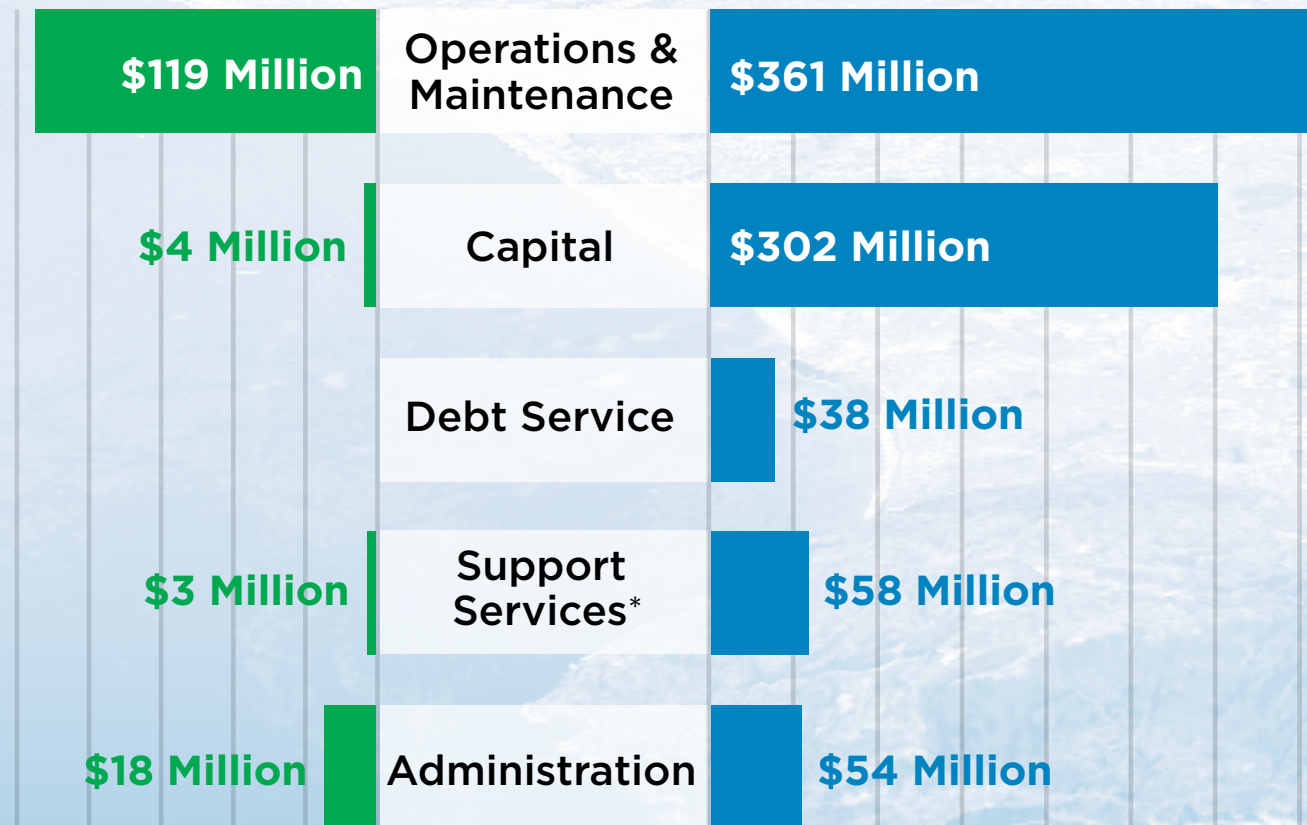
Fiscal Year 2022-23

WHERE THE MONEY GOES



SOLID WASTE

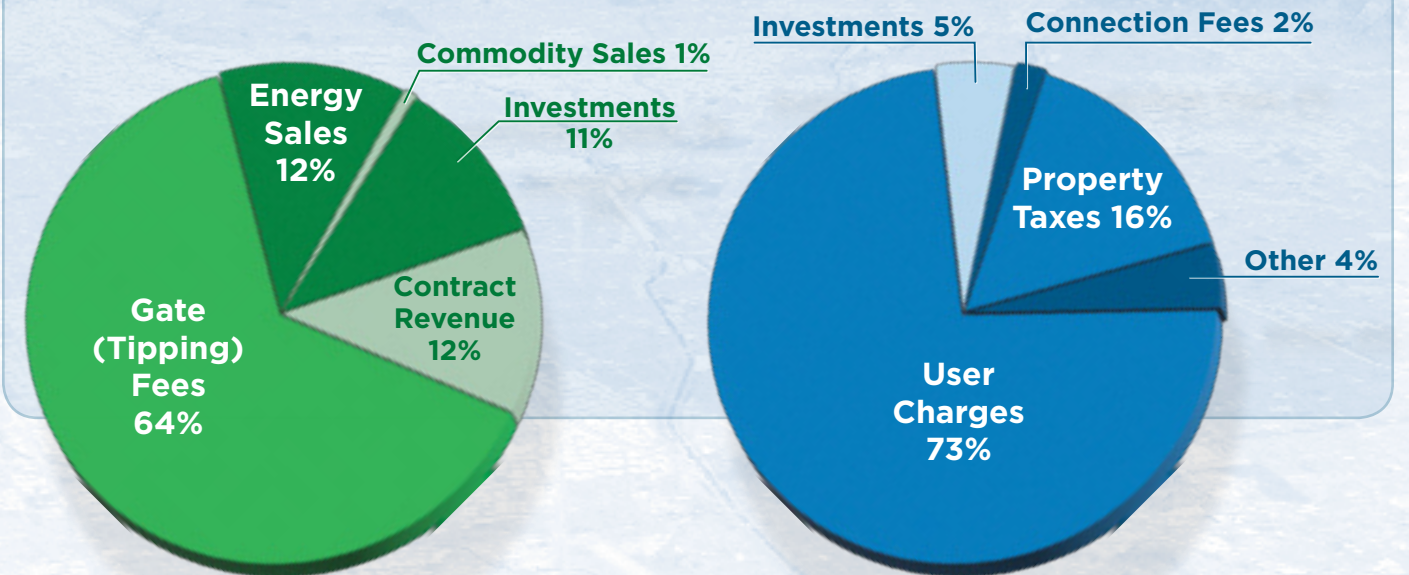
WASTEWATER



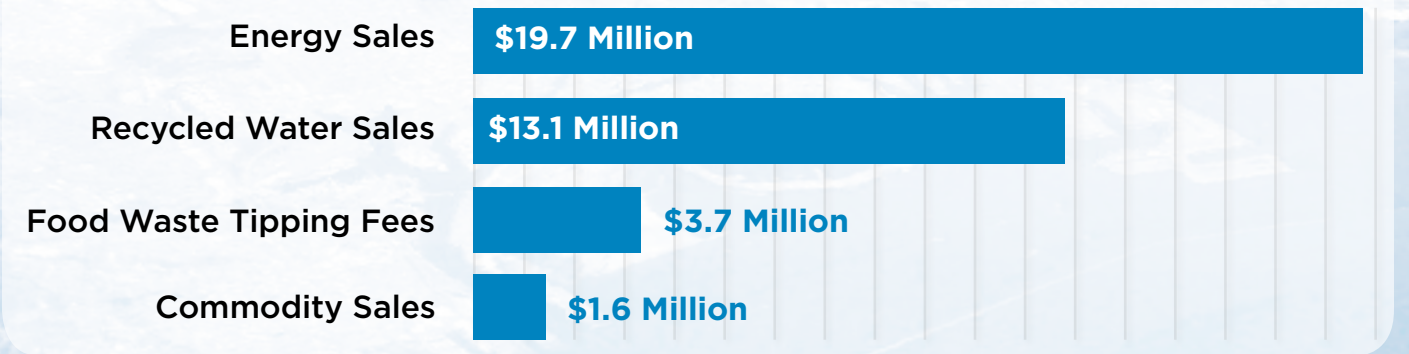
WHERE THE MONEY COMES FROM

SOLID WASTE

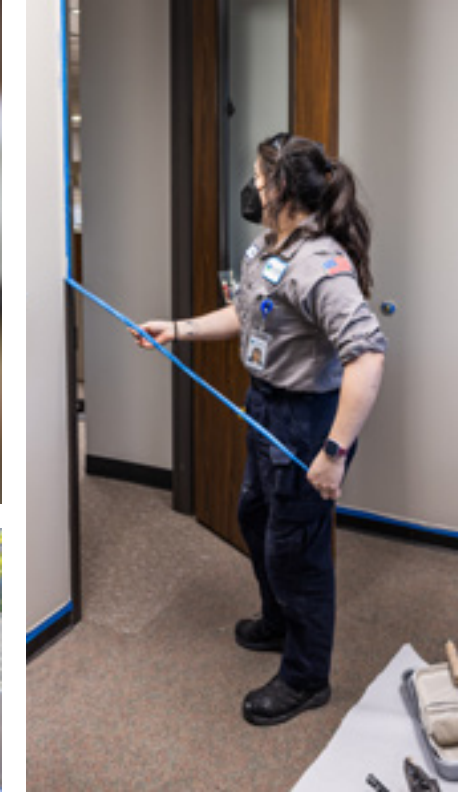
WASTEWATER



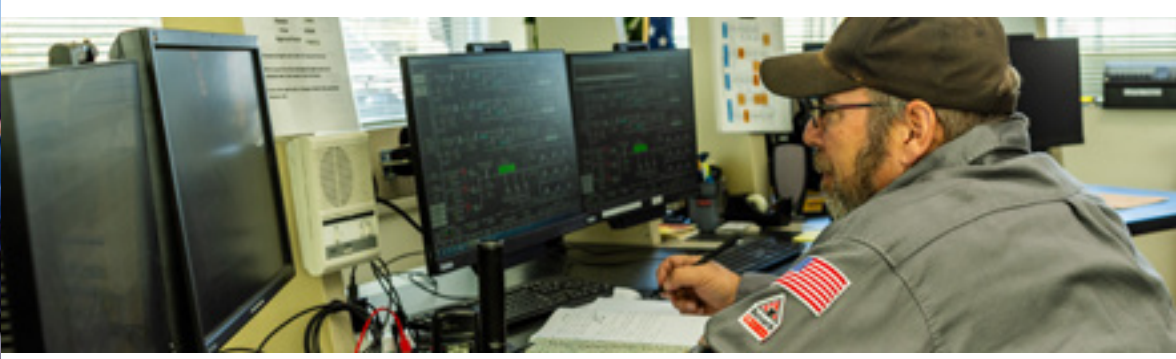
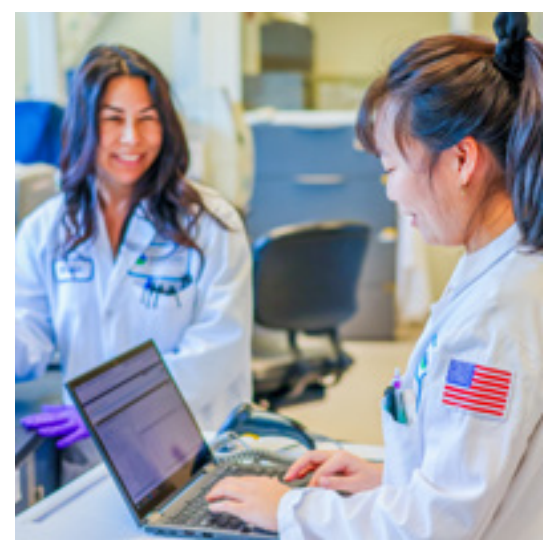
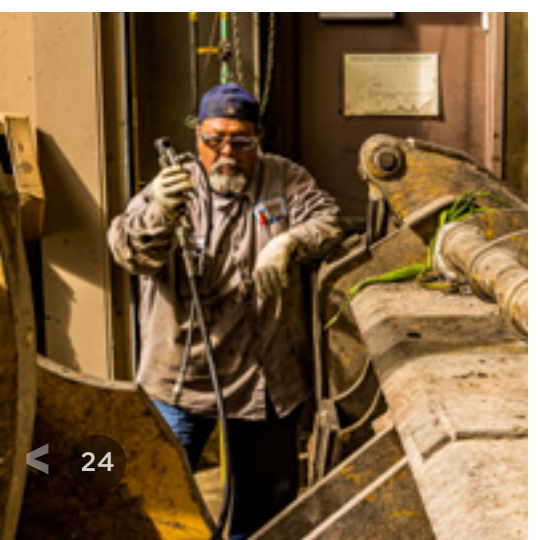
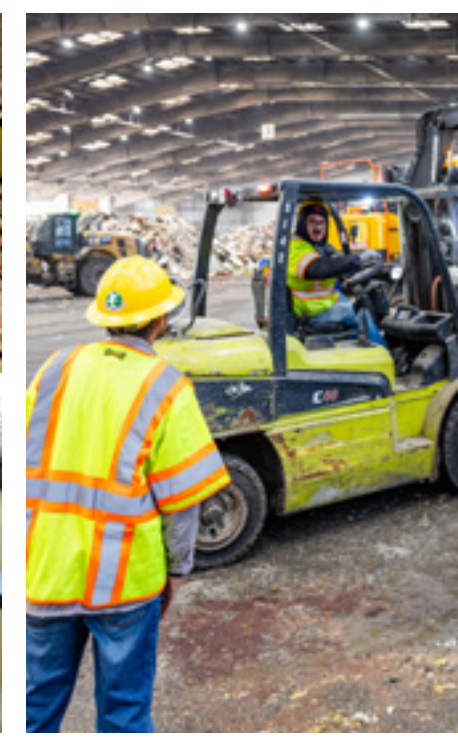
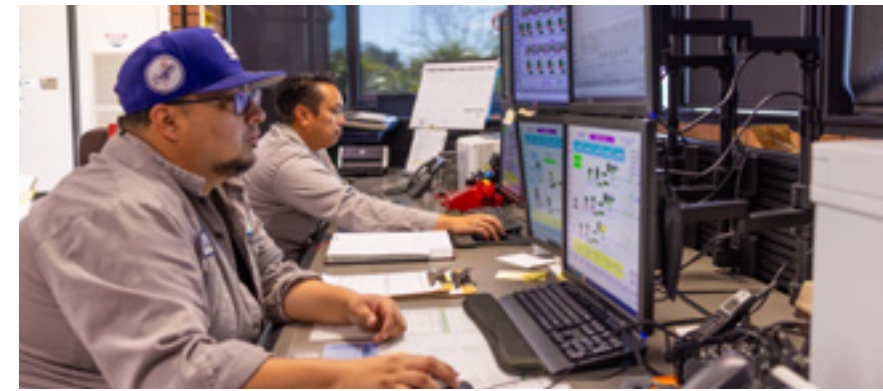
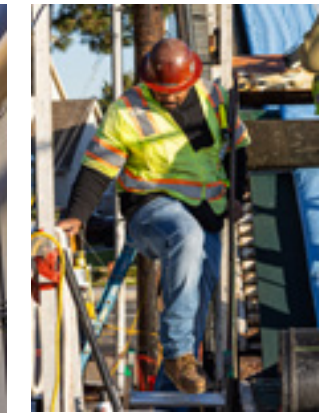
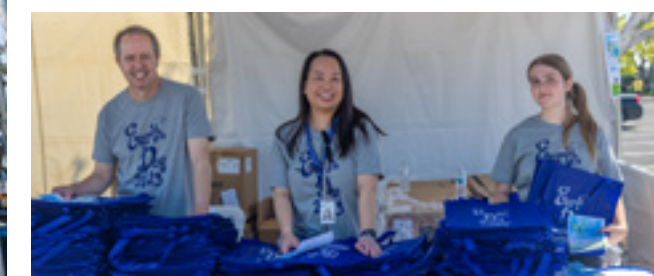
CONVERTING WASTE INTO RESOURCES (& INCOME)



*Technical Support including Laboratories



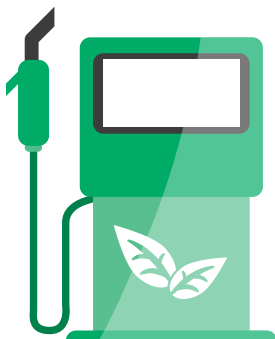
The Districts' Mission Continues





Stop Wasting Fuel

Help Us Convert Food Waste into Green Energy



4,000 tons of food are thrown out every day in Los Angeles County—enough to fill the Rose Bowl twice a year. This waste takes up valuable landfill space and can harm the environment if not properly managed.

We convert this waste into a resource: biofuel.

For LA County cities wanting help in meeting state organic waste diversion requirements, we have the facilities and expertise to assist you.

Read more at www.lacsd.org/foodwaste.



**LOS ANGELES COUNTY
SANITATION DISTRICTS**

Converting Waste Into Resources

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