



LA SANITATION & ENVIRONMENT **STRATEGIC PLAN** 2020-2021



LETTER FROM THE DIRECTOR

What a long, strange year it's been. As the protector of public health and the environment, LA Sanitation & Environment's role in providing essential services tells a compelling story. We experienced significant growth in all of our service areas with an increasing awareness of how our City manages our commitment to cleaner neighborhoods and our unsheltered population, sustaining our infrastructure through climate adaptation and our utmost commitment to ensure that our land, water, and air remain in good health for all Angelenos to live, enjoy and prosper within.

Tackling the rising demand for service requests resulted in the formation of the CARE Program within our Livability Services Division. We've worked diligently to reduce our response time to the significant number of requests to pick up bulky items, emptying the City's 11,000+ public trash bins while better tracking hot spots to work more effectively. Most importantly, our approach under the CARE Program has completely changed to one in which we engender trust with the homeless community and surrounding neighborhoods as we provide a more comprehensive menu of services for the protection of public health.

Our recycLA program ran more smoothly as we all worked to divert more recyclables and organics from landfills. Together with the seven recycLA service providers, LASAN focused on recovering food, working with non-profit organizations in food-vulnerable communities, and diverting non-edible food to produce alternative fuel for trucks (ultimately replacing some of the electricity we use at our Hyperion Water Reclamation Plant). Most importantly, we have been able to bring full transparency and accountability to how and by whom our solid waste collection services are provided to the nearly 70,000 businesses, commercial properties and large apartment complexes; gone are the days of operating "in the dark" and in a 'wild wild west' model.

Our Clean Water program continues to shine as we convey and purify over 320 million gallons of wastewater at our 4 water reclamation plants daily. With the Mayor's monumental goal of recycling 100% of all of our water by 2035, our zero wasted water initiative moves toward implementation, identifying new methods to provide recycled water to our neighbors and gain commitments from others to reduce the need for importing potable water. Sewer overflows and odors remain at all-time lows given the excellent preventative maintenance our crews provide each day.

Given the heavier rain we experienced this past winter, we were again reminded of the power of our natural environment. We worked to enact an ordinance on plastic straws that contribute to clogging drains and impacting marine life. The importance of our watershed protection program received wide support that will provide essential funds to enhance our watersheds with critical measures to aid us in the capture, treatment, and reuse of stormwater while curtailing more of the pollution that all too often pollutes our beloved LA River, lakes and beaches. Thank you to our city and county leaders as well as the property tax payers of the city and county of Los Angeles for the approval of measure w. We were quite successful in the inaugural round of the regional funding competition for watershed protection projects.

On behalf of our nearly 3500 LASAN employees, I am thrilled to share the news of our recent accomplishments, our goals, as well as encourage all of you to visit us, share your thoughts and ideas as we continue to work hard for you every day.



Enrique C. Zaldivar, P.E.,
*Director and General Manager
LA Sanitation and Environment*



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LASAN REVENUES FY 19-20

Solid Resources Program:
\$379,083,526

Cleanwater Program:
\$765,826,847

Watershed Protection Program:
\$36,270,939

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LASAN

ESSENTIAL WORKERS
MAINTAINING VITAL
SERVICES DURING THE
PANDEMIC







PANDEMIC IMPACT TO OPERATIONS

In March, as public concern about coronavirus escalated, LASAN reacted quickly to maintain vital services for Angelenos while also protecting its staff.



Technology and Innovation

- Created sanitizer products by LASAN chemists for department-wide use
- Gained proficiency in video conferencing to keep stakeholders and public officials engaged while responding to substantial increase in service requests
- Participated in nationwide studies to measure coronavirus in wastewater, which could be an early indicator of future outbreaks



Current Operations Expanded

- 1700 front line staff ensured that our wastewater was safely conveyed and treated; that our trash and recycling was picked up every week as scheduled; and that our livability services continued to protect public health in and around our unsheltered communities
- Expanded Mobile Hygiene Units to offer tent and blanket exchanges, basic medical checks, free clothes, showers and toilets to unsheltered residents with assistance from a partnership with YMCA.
- Converted plan check reviews to an electronic system



Adjusting to New Financial Reality

- Recognized significant decrease in revenues due to extended billing payment plans and began review of all expenditures to propose cuts while implementing a strict hiring freeze
- Reassigned Environmental Compliance Officers to decontaminate rooms, cubicles, and trucks for use during the peak of the pandemic
- Reassigned 300 staff as Disaster Service Workers around the clock



Community Safety

- Canceled Earth Day LA and Open Houses while compost workshops, bulky item drop-off events, and SAFE Center collections were suspended
- Closed Environmental Learning Centers and Japanese Garden
- Began filming educational videos and virtual tours to replace in-person workshops



Staff & Safe Return to Work

- Non-front line staff began telecommuting and will return to work via use of staggered schedules, alternate work sites, and social distancing
- Developed Reconstitution plan that adheres to all CDC, state and local public health guidelines.
- Produced and installed plexiglass barriers at work and public facing spaces
- Distributed safety bulletins, signage, and floor decals to all locations
- Employed enhanced cleanings and increased filtration
- Distributed appreciation banners, signs, and goodie bags to staff



LASAN ASSISTING AFTER **CIVIL UNREST**

AFTER THE MAY CIVIL UNREST ACROSS THE CITY, LASAN STAFF WAS THERE NOT ONLY TO HELP CLEAN UP THE MESS LEFT BEHIND, BUT ALSO TO OFFER FREE RENTAL OF ROLL-OFF CONTAINERS TO IMPACTED BUSINESSES.





LASAN BY THE NUMBERS

Grants Awarded

Brownfields Program Citywide

Brownfields Program was awarded a \$1M in USEPA Brownfields Cleanup Grants for Taylor Yard G2 parcel remediation as part of the Los Angeles River Revitalization effort.



Tree Planting Program LASAN has received \$3,765,000 from two State grants to increase the tree canopy in Disadvantaged Communities (DACs) in Los Angeles. The California Natural Resources Agency (CNRA) is funding the "Boyle Heights Green

Infrastructure" project and the Department of Forestry and Fire Prevention (CALFIRE) is funding the "Root for the Future" urban forestry project. Funding will be used to plant 3,400 new street trees as well as create 1,250 new tree wells where there was previously solid concrete in the parkways. By removing the 30,000 square feet of concrete, new street trees can be planted to shade areas that otherwise would be left barren and very hot. These locations often surround schools, parks, and busy small business corridors. Opening up these concrete corridors for greening also greatly improves stormwater capture and reduces the urban heat island effect. LASAN grants also hire local non-profits which offer job training to young adults to construct the tree wells and to plant and maintain the trees. Greening Los Angeles is critical to fighting the impacts of climate change and reducing the impacts to environmental justice communities in LA caused by decades of pollution.



SOLIDS PROGRAM

Bulky Tonnage Report*

Total Tonnage Collected:	1,689,432 Tons <i>(which is about 8 cruise ships.)</i>
Bulky Service Request*	881,072 <i>Total Service Requests</i>



CLEAN WATER PROGRAM

Number of catch basins cleaned*	64,222
Miles of sewers cleaned*	6,393 miles <i>* FY 19/20</i>



CARE+ PROGRAM

Mobile Hygiene Unit Service

From October 2019 to JUNE 2020, we have provided:

15,466 Total Showers

25,990 Tons

Combined Total for Illegal Dumping and Homeless Encampment Tonnage

15,233 *Illegal Dumping*

51,195 *Homeless Encampment*



CUSTOMER CARE CENTER

Source of Service Request

Service Request Type	Phone Call	Mobile App	Website	Other	Total
Bulky Items	402,252	156,430	77,533	12,213	648,428
Containers	265,119	5,055	13,429	151	283,754
Information Only	192,143	1	18	150	192,312
Service Not Complete - RecycLA	149,573	558	498	20	150,649
Service Not Complete - City	85,682	6,676	6,528	319	99,205
Metal/Household Appliances	93,814	14,555	11,347	1,098	120,814
Illegal Dumping Pickup	55,110	31,370	17,804	23,246	127,530
Electronic Waste	33,826	5,611	4,498	369	44,304
Other LASAN Service Requests	43,984	37,177	20,484	1,282	102,927
Service Request Billing	20,512	0	688	3,884	25,084
RecycLA	20,789	600	137	46	21,572
Non-LASAN Service Requests	1,245	2,716	1,556	183	5,700
Total	1,364,049	260,749	154,520	42,961	1,822,279



PROTECTING WATER

Advancing LASAN's Zero Wasted Water Vision

In the effort of advancing our goal for the Hyperion Water Reclamation Plant (HWRP) to transform into a Zero Wasted Water or 100% water recycling facility by 2035, Water Recycling Implementation Division's (WRID) engineering team began the design of the Advanced Water Purification Facility (AWPF) for providing 1.5 million gallons per day of recycled water. The AWPF is a proof of concept for HWRP in 2035 and it will offset potable water use at LAX and HWRP starting by the end of December 2022 to meet the Mayor's sustainability goals.

The Hyperion Membrane Bioreactor (MBR) Pilot Facility is another important first step for HWRP's transformation. The goal is to obtain regulatory approval of MBR for potable reuse applications and obtain MBR design data for Hyperion 2035. This pilot project was launched with our partners Los Angeles Department of Water and Power and West Basin Municipal Water District in July of this year with a groundbreaking ceremony, as we completed the design of the facility and established an Independent Advisory Panel to provide technical and scientific oversight. The MBR Pilot Facility will test membrane technologies from several major vendors, demonstrate membrane bioreactor performance to the regulatory community, and provide a basis for future designs.

Hyperion 2035 is LASAN's overall program for transforming HWRP to a 100% recycled water facility that will be capable of producing up to 170 mgd of recycled water for potable reuse. Achieving this strategic vision requires substantive modifications of the current treatment systems and major investments in advanced treatment systems to produce safe and reliable recycled water by 2035. WRID's engineering team is putting together a comprehensive plan and roadmap for Hyperion 2035, which will also address environmental issues related to ocean discharges to Santa Monica Bay.



Terminal Island Advanced Water Purification Facility

The Advanced Water Purification Plant (AWPF) at Terminal Island Water Reclamation Plant underwent its ultimate expansion to become a Zero Wasted Recycled Water Production facility where 100% of plant flow can receive advanced treatment to produce 12 million gallons per day, or 13,450 acre-foot per year. Last year, AWPF completed its in-plant recycled water distribution line, adopted the goal to maximize the delivery of 90% in-service of recycled water and executed three recycled water customers agreements to reduce our reliance on potable water.

Safe Clean Water Program

As the lead agency for watershed management and water quality compliance programs in the City of Los Angeles, LA Sanitation & Environment continues to facilitate the rollout of the Safe Clean Water Program for the City's three watersheds - Upper Los Angeles River, Central Santa Monica Bay, and South Santa Monica Bay. The Safe Clean Water Program includes both regional and municipal elements.

On the municipal side, an estimated \$114 million is allocated to LA County's 87 cities. The City of Los Angeles will receive an estimated \$37 million annually to support important new and ongoing water quality programs and projects. On the regional level, an estimated \$142 million is allocated proportionally throughout LA County each year. To ensure the SCWP funds are properly administered, a Regional Oversight Committee, Scoring Committee and nine Watershed Advisory Steering Committees (WASCs) were established throughout the County to oversee the annual competitive project submittal and review process. LA Sanitation & Environment submitted 11 projects during the first round of Regional Call for Projects and adopted an ordinance to support this monumental opportunity to improve our water quality and transform our watershed for all to enjoy.

Avenue 19 Road Restoration

LASAN's Emergency Sewer Repair Project at the North Outfall Sewer, which reached from Avenue 19 to Humboldt Street was completed. As part of final construction, Avenue 19 was restored to its pre-construction condition with bright, fresh striping of the roadway. This vital infrastructure project cleaned the sewer pipeline in that area for:

- rehabilitation of 2000 plus linear feet of pipeline
- repair and reconstruction of the NOS, sewer pipeline voids and maintenance holes
- a sewer bypass system and wet well to ensure continuous wastewater system services to our valued customers throughout the project.

South LA renovation

LASAN's South District Sewer Maintenance Yard reopened in October 2019 after a stunning transformation, which included much-needed parking for work vehicles, offices, locker rooms, storage, and solar panels that provide 100% of the electricity needed to run the building. LEED Gold certification is being pursued.



Red Tide

When the Red Tide and bioluminescence were noticed on the coast in May 2020, LASAN's Environmental Monitoring Division immediately took samples, identified the organism causing the phenomenon, and reported back. Unfortunately, some fish in the Ballona Lagoon did not survive the Red Tide and LASAN dispatched crews to clean up the dead fish, which were disturbing to local residents.



LA River

LASAN continues to help make the LA River safe for all who encounter the 55-mile water body. Though the kayaking season was cancelled due to the pandemic, staff continue to sample and test the water for bacteria in order to maintain historical trending data. Additionally, the first water quality beacon was installed at an Elysian Valley entry point to notify River users of any increased risk situations caused by elevated bacteria levels. Swimming is never permitted in the LA River, but visitors are encouraged to fish, bike, walk, and bird watch in recreation zones. Monitoring results are shared online at www.lacitysan.org/waterquality.



PROTECTING AIR

Tree Planting

LASAN is committed to greening the most disadvantaged communities in the City of Los Angeles and supports the Mayor's Green New Deal urban forestry goals through grant-funded programs. In 2019/2020, LASAN planted 1,323 street trees and removed 21,161 square feet of concrete (0.49 acre) to create new tree wells, as well as watered and maintained 1,600 trees. LASAN has a unique ability to plant trees in the most barren areas in the City by providing greening and increasing canopy around schools, along busy transit corridors, and shading small business areas. LASAN also plants in residential areas where residents are willing to adopt free street trees. In March 2020, LASAN was proud to receive a new State grant for \$2,265,000 and in June 2020 also was honored to be awarded a new \$1,500,000 grant from CALFIRE. In total, LASAN has been awarded \$8,515,000 in grants in the last five years.

Fleet Electrification

In response to Mayor Garcetti's call for increasing procurement and deployment of battery electric vehicles, LASAN has set goals to achieve 100% electrification of its solid resources fleets of light-duty and medium-duty vehicles by 2028 and heavy-duty vehicles by 2035. Enrique Zaldivar announced this at the January 2020 meeting of the Los Angeles County Electric Truck & Bus Coalition. To achieve these goals, LASAN will procure commercial class 6 electric vehicles for field deployment, as well as teaming with development partners in pilot testing of Class 8 electric vehicles. These on-going activities will enable our organization to recognize and address the challenges related to fleet, as well as to identify resources needed in the future for successful implementation of fleet electrification and support for deployment of zero-emission vehicles.



Community Greenhouse Gas Inventory

In May, LASAN's Climate Action Program completed the City's 2018 community greenhouse gas inventory report- an accounting of all emissions that occur within City limits. These reports are fundamental to tracking the City's progress toward its climate goals, and provide data and insights on which the City can act to continue to advance climate action. In this latest update, LASAN expanded and updated the City's inventories to be consistent with the Paris Agreement. Los Angeles is now the first and only city in the United States preparing annual reports in alignment with the Paris Agreement.

Partnering with AQMD

In line with our mission to protect public health, LASAN began working in June with the South Coast Air Quality Management District (AQMD) to prepare air quality inventory reports for LA. These reports, anticipated in October 2021, will provide data and insights on major sources of air pollution within our city, so we can continue to work toward a cleaner, healthier, and more equitable Los Angeles.

PROTECTING LAND



Photo: Nurit Katz

Biodiversity

In order to meet biodiversity goals set forth in LA's Green New Deal (and a Motion introduced by Councilmember Koretz in 2017), the LASAN Biodiversity team has created the LA Biodiversity Index, a customized biodiversity index specifically tailored to the local LA environment. The index has 25 metrics that will help assess biodiversity in the City of LA and measure progress towards meeting biodiversity goals over time. The index framework and the concept of ecotopes, management units that break down the City into areas of similar biotic and abiotic characteristics, were shared with the Biodiversity Expert Council in late spring 2020. Comments and feedback from the Expert Council will be incorporated into the final 2020 Biodiversity Report, expected in fall 2020.



Recycling Markets Symposium

In February, LASAN held its first Recycling Markets Symposium. This full day invitation-only event with 100+ attendees and 17 speakers offered robust conversations about the current state of recycling programs in Los Angeles, policy-level perspectives, the science of recycling, expansion of domestic markets, circular economy, financial sustainability, innovations in manufacturing, and more.

Following this event, in March our Director and General Manager, Enrique Zaldivar, testified at the US Congress' Energy and Commerce Committee hearing on "Reduce, Reuse, Recycle, Reform: addressing America's Plastic Waste Crisis," stressing the need for advanced technology, public/private partnerships, supply chain agility, and more.



Brownfields

The Citywide Brownfields Program aided in the transformation of a City-owned vacant, underutilized lot in Council District 7 by conducting environmental due diligence to ensure that the site was safe for reuse. This was part of the City's Adopt-A-Lot (AAL) Pilot Program that reimagines the potential of vacant lots as productive community assets. In February 2020, the Citywide Brownfields Program helped celebrate the Grand Opening of the "Adopt-A-Lot" North Hills Community Space and Garden. With the collaborative efforts of Councilwoman Monica Rodriguez and nonprofit partners, the City-owned vacant lot was converted into a community gathering space with garden beds, flexible play pieces, seating benches with attached umbrellas, a long picnic table with benches, and an open field to promote free play.





FOOD WASTE

REDUCTION, RECOVERY, & RECYCLING

Organics

Recycling organic waste helps to reduce greenhouse gas emissions, LASAN is working on three programs that will beneficially reuse food waste and compostable materials, thus preventing them from being buried in landfills. The In-Sink Pilot program has completed studies and reports to find the best approach for encouraging and implementing high powered garbage disposal for sending food through our sewer systems. The LAWA program expanded to additional airline lounges throughout the airport. This year receiving and recycling 273,555 pounds of food waste between July 2019 to March 2020; 2018-2019 was 240,088 pounds.

Curb Your Food Waste pilot updates

LASAN's Curb Your Food Waste LA (CYFWLA) is a food waste prevention and recycling pilot where participants have learned to shop smart and waste less food ultimately becoming environmental stewards. This year CYFWLA has conducted quarterly waste characterization, visual inspections, and gained feedback and from its 18,000 preselected homes feedback surveys. In order to provide effective education CYFWLA created a how-to video, conducted 29 community engagements, mailed winter and spring newsletter to participants.

recycLA Food Rescue

Through the recycLA service providers, 3089 tons of food were rescued from local businesses and safely distributed to partners who shared with those in need. In December, a food pantry pop-up event was held at LA Harbor College in conjunction with Athens Services and St. Francis Center. Students were encouraged to come take whatever food they needed.

CLARTS Organics Processing Facility

The City of Los Angeles and LASAN held a forum in December to update contractors and subcontractors on the anticipated Request for Proposal for the Organics Processing Facility Project. This facility is intended to process both green waste and food waste, diverting them from landfills with the purpose of not only creating renewable energy but also improving air quality.

Home Composting Workshops

When the pandemic forced us to temporarily halt our home composting workshops, the team gathered (socially distanced) to film home composting and urban gardening workshops. You can view them on our website at www.lacitysan.org/compostworkshops.



LIVABILITY AND THE COMMUNITY

CARE/CARE+

Since October 2019, thirty CARE/CARE+ teams have been regionally deployed. Service recently expanded to include CARE+ comprehensive cleanings at A Bridge Home Special Cleaning Zones (ABH SECZ), offering additional services. From April to June in response to the pandemic, the team assisted the City's Unified Homeless Response Center efforts to provide shelter services at Recreation and Park (RAP) facilities to people experiencing homelessness, deploying Mobile Hygiene Units to locations that lacked on-site shower facilities and provided staffing for 10 rented shower units acquired by RAP. All of this work was in addition to the illegal dumping cleanups across the City.



Partnership with Lucky Brand

Lucky Brand stepped up in April to donate eleven pallets (1700 items) of men's and women's clothing, which was given to customers at the Mobile Hygiene Units. This is the second large donation from Lucky Brand; the first was sanitary kits and underwear. Urban Alchemy partnered with the City to accept and disperse the donations.

Mobile Hygiene Units

In October 2019, Mayor Eric Garcetti joined LASAN to celebrate the new Mobile Hygiene Units, which provide ADA-compliant showers, sinks, and toilets to LA's unsheltered population. Six units have been deployed across the City, with another seven on the way, delayed by the pandemic. Over 15,000 showers were provided this year. Sanitary kits (mask, gloves, sanitizer) are now offered as part of the service, and a tent exchange program was created.



EDUCATION AND HIRING



Project Green Leadership

PGL conducted recruiting activities at seven local universities. In an effort to be more diverse and inclusive, and as proud members of the Board of Public Works' HBCU Committee, we also conducted outreach and civil service interviews at two Historically Black Colleges/Universities as well as UC Davis, which boasts a unique Biological Systems Engineering program. In addition to these ten academic institutions, we exhibited and interviewed at four professional conferences. These efforts resulted in ninety interviews, twenty-two new Environmental Engineering Associates, and 8 new Student Engineers.

In November, Project Green Leadership hosted Engineer Day for the third consecutive year. Sixty-five students from local universities attended the event to learn more about our core programs and career opportunities.



Environmental Learning Center (ELC) and The Japanese Garden

ELC visitors: 10,850 this year

The Japanese Garden visitors: 30,801

Both facilities were temporarily closed in March due to the pandemic and will reopen again when the health and safety of staff and visitors can be assured. Prior to closing, the Japanese Garden held eight special events open to the public and hosted twenty-seven private event rentals.

LASAN partnered with Discovery Cube LA to develop a comprehensive Environmental Educational Curriculum and Professional Development Program based on Next Generation Science Standards (NGSS) in support of LASAN's mission and initiatives. This included three grad specific student based curriculum workbooks entitled Reduce, Reuse, Recycle, It's Easy Grades for grades K-2, Go with the Flow: Water and Our Environment for grades 3-4, and The Call to Compost- Household Hazardous Waste Food Recovery for grades 5-6.

LASAN also worked with Discovery Cube Los Angeles and Council District 9 to bring a series of monthly environmental activities and workshops for ages 5-13 to Augustus F. Hawkins Nature Park. The program was called Discovery Cube on the Move. This program was scheduled to run from February 2020 and culminate with a Mini STEAM Fest on June 20, 2020. Unfortunately, due to the pandemic all programming after February was postponed.



LASAN SUPPORTING LOCAL BUSINESSES

LA Industry

This year, LA Industry has laid out the groundwork to build a circular framework around textile waste with the City being in the center of the world's largest fashion hub. The LA Industry team met with fashion and shoe designers and manufacturers at the annual Sustainable Fashion Forum to discuss piloting a circular economy material exchange project, and resources to help this sector grow sustainably. In the midst of COVID 19, LA Industry team developed a resource guide containing relief programs information and worked with other departments to develop a seamless plan to expedite the reopening of business impacted by the pandemic.

Green Business Program

The Los Angeles Green Business Program (LAGBP) has certified 822 local businesses. The program has a goal of reaching out to restaurants due to AB 1826 and SB 1383 statewide food waste mandates, as well as businesses within underserved communities. It plans to certify 1000 businesses by 2025 as set by the goal within LA's Green New Deal. The LAGBP has been adapted through the quarantine restrictions and prepared for conducting virtual site visits in FY 2020-21. The program actively participates in the California Green Business Network committees to evaluate the existing certification checklists and prepare to assist the underserved communities to help rebuild the economy, improve public health, reduce inequality, and address climate change.

Clean Up Green Up (CUGU) Updates

LASAN revamped the CUGU Work Plan to focus on the implementation of new internal policies to reduce LASAN's carbon footprint and environmental impacts. Environmental Justice training was provided to all 3,500 staff members, training them to recognize and mitigate potentially hazardous operations in disadvantaged communities. Over 1,500 inspections were conducted in sensitive areas to identify potential environmental violations in support of the CUGU initiatives. In February, LASAN hosted the CUGU Forum for community and government stakeholders to update them on LASAN's recent efforts and provide an opportunity for discussion with valuable input to the CUGU program.

Small Business Contracting

The team continued to promote gender and racial equity by promoting opportunities to businesses falling within the Minority-owned, Women-owned, LGBTQ-owned, and local small business enterprise categories. This year prior to the pandemic, LASAN's contracting professionals attended LA's Largest Mixer, an outreach event that brings information to small businesses and business professionals from across greater Los Angeles in addition to two Accessing LA events, which provide networking and economic development opportunities to local businesses.



LASAN AWARDS

Enrique C. Zaldivar, Director and General Manager of LA Sanitation and Environment (LASAN), was awarded the Robert L. Lawrence Distinguished Service Award. This award from the Solid Waste Association of North America (SWANA) honors distinguished service to the Municipal Solid Waste Management field. With this award, Mr. Zaldivar is recognized for his accomplishments through innovative public-private partnerships and commitments to Zero Emissions, Zero Waste and the environment. Through his leadership, LASAN oversees the City's Clean Water program, the Solid Resources program, and the Watershed Protection program.

Terminal Island Water Reclamation Plant (TIWRP) was selected as the Morgan Operational Solutions Award recipient by the Water Environment Federation. The Morgan Operational Solution Award recognizes valuable contributions to the in-facility study and solution of operational problems. TIWRP's Advanced Water Purification Facility is the first potable reuse system in the world to utilize a UV/HOCl Advanced Oxidation Process (AOP) for disinfection of microfiltration and reverse osmosis treated water.



Community Engagement and Outreach Program of the Year

Organization:

CWEA Los Angeles Basin Section

Awarded to:

WESD/VDFM Project

Community Engagement & Outreach

Organization:

CWEA

Awarded to:

IWMD/One Earth

Unified Program Leadership Award

Organization:

CUPA (Certified Unified Program Agency)

Awarded to:

IWMD/LA Industry/Metal Finishing Champions

Government Influencer

Organization:

Laserfiche

Awarded to:

LA Sanitation & Environment

SPOTLIGHT

ON LOS ANGELES

Mayor's C40 appointment + Green New Deal Leading by Example

In February 2020, LASAN was thrilled to celebrate two incredible events with Mayor Eric Garcetti – the launch of Executive Directive 25, which is “LA’s Green New Deal: Leading by Example” and his new Chairmanship of the C40 Cities Climate Leadership Group. It was that day that “Zero Waste | Zero Wasted Water” became our motto!



World Water-Tech North America Summit

This annual conference brings together water and wastewater professionals from across the globe to discuss best practices, technological advances, energy efficiency, and even cybersecurity. In October 2019, the Summit was held for the first time in Los Angeles. Opening sessions were held at LASAN's Environmental Learning Center with stunning ocean views and a tour of the Hyperion Water Reclamation Plant.



National Brownfields Conference

In December 2019, Los Angeles was the proud host of the National Brownfields Training Conference. In addition to sending staff to participate in the conference, LASAN offered multiple tours including the Hyperion Water Reclamation Plant, Ballona Wetlands, Lopez Canyon Nature Center, Pacoima Green Streets, Taylor Yard G2 site, Albion Riverside Park, South LA Wetlands, and Avalon Green Alleys.





GOALS

Mayor Garcetti laid out his vision for a carbon neutral Los Angeles and a firm commitment to **environmental justice** and **equity**. L.A.'s Green New Deal leading by example starts with the bold action to zero out Los Angeles' main sources of harmful emissions: buildings, transportation, electricity, and trash. As a national leader in environmental services and programs, LA Sanitation and Environment will adopt this agenda and bring us to becoming a carbon-neutral city with **zero waste** and **zero wasted water**.

Environmental Justice and Equity

Environmental Justice - Deepen environmental justice practice within LA Sanitation programs to improve public health outcomes, constituent well-being, and the overall environmental quality of disadvantaged communities

Sustainable Climate Action - By June 2021 LASAN will actively manage its climate impact and contributions to fit the Climate Action Plan that identifies a set of actions that LASAN may take to reduce its operational greenhouse gas (GHG) emissions and climate-related risks.

Workforce Development and Racial Equity - Elevate the knowledge and competency levels of all LASAN employees while cultivating a diverse local workforce.

Prosperity and Economic Development

Small Business Outreach and Assistance - Provide Technical Assistance, Resources, and equal opportunities to Small Businesses to reopen, achieve environmental compliance, and thrive in the City of Los Angeles.

People First - Create and implement a plan for data collection & management, including MyLA311 enhancement for customer experience

Enhanced communication and technology in our new reality

- Identify and deliver proper tools, equipment, training, and accessibility are available to appropriate LASAN staff to ensure work, outreach, and communication is done in an effective and direct manner to the residents, businesses, and stakeholders in a virtual world.

Zero Wasted Water

Safe, Clean Water Program - By June 2021, develop a management and implementation structure with the Mayor's Office, CAO, CLA, and City Departments for the Safe, Clean Water Program with LASAN as the program manager for multi-benefit stormwater management that ensures the maximum return of parcel tax revenues to the City

100% Recycled water - By 2035, the City will recycle 100% of our wastewater at LASAN's Water Reclamation Plants.

Green Acres Sustainability Plan - By December 2026, implement the Green Acres Farm Sustainability Plan to comply with the State of California Sustainable Groundwater Management Act and address challenges to the City of Los Angeles Biosolids Management Program due to the expiration of Agreement No. 85-142 by December 2026 which provides for the delivery of City of Bakersfield Secondary Effluent to Green Acres Farm to irrigate non-edible crops

Zero Waste

Zero Waste CitiMAX - Facilitate and expand internal reuse of City furniture, supplies, and equipment through an upgraded CitiMAX (materials exchange) program that offers a Civic Center pickup and delivery service.



CITY OF LOS ANGELES

Eric Garcetti, Mayor
Mike Feuer, City Attorney
Ron Galperin, City Controller

CITY COUNCIL

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