



LA SANITATION & ENVIRONMENT

Strategic Plan

2018-2019



ZERO WASTE ♦ ONE WATER

As the bold leader tackling all things related to the environment, LA Sanitation (LASAN) continued to improve our services throughout our beloved diverse City. Through the increase of customer care representatives and bulky-item pick up crews, we've stepped up our commitment to clean up our blighted alleys and streets. As part of Mayor Eric Garcetti's goal to reach Zero Waste, we implemented recycLA which substantially increased recycling, diverting more waste from landfills and creating green jobs. RecycLA service providers utilize new clean fuel trucks, which reduce the greenhouse gas inventory enabling cleaner air for all.

Our success in managing our vast collection system continues to operate smoothly every day throughout the year. We clean over 320 million gallons of wastewater each day through our 4 water reclamation plants while experiencing only about 1.5 overflows a week. This is no small feat for a system that is 6,700 miles long and accepting wastewater from 4 million people and all of the businesses that operate in LA!

Another success worthy of mention is our unending commitment to stakeholder collaboration. Through the completion of our lofty One Water LA Plan and our desire to rescue food, we stayed engaged with public, private and non-profit partners on how to be better stewards to the environment. Our commitment to environmental justice drives our desire to seek relief to those who've been most burdened by the negative effects of pollution typical in large cities. April's Earth Day LA celebration in Highland Park underscored the importance of our efforts toward cleaning around homeless encampments, increasing tree plantings and cool pavements, monitoring pollution, and encouraging others to recycle organic food waste so we can all live and prosper in a more sustainable and resilient City. I am pleased to report that LASAN has taken a leadership role in developing a plan to become the first US City to track and increase biodiversity which will result in integrating our ecosystem for all creatures to flourish.

We welcome you to share your innovative ideas as we move closer to the future of what lies ahead in the 2020 timeframe, imagining cleaner lakes and beaches, more open spaces for the enjoyment of all as we kayak down the LA River, recreate in a local park or otherwise enjoy life living, working and visiting the great city of Los Angeles.



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

A black ink signature of Eric Garcetti, written in a stylized, cursive script.



Eric Garcetti
Mayor
City of Los Angeles



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REVENUES

Solid Resources Program	\$381,219,246
Clean Water Program	\$708,846,160
Watershed Protection Program.....	\$37,306,884
Total	\$1,127,372,290

SUSTAINABILITY

recyclA

The recyclA Ordinance was adopted and Environmental Impact Report (EIR) certified by the City Council in April 2014. The Mayor signed the ordinance in celebration of Earth Day 2014. The Request for Proposals was issued in June 2014. After two years of proposal evaluation, and extensive, detailed negotiations, the recyclA contracts were approved by the Mayor and City Council in December 2016, and executed by the Board of Public Works in January 2017.

Because of the unprecedented scope and scale of the program, the City was divided into eleven zones for the Request for Proposals process, which yielded 7 contracts. Each recyclA service provider was awarded one to three zones, matched with their evaluated ability to bring on needed resources to provide excellent service to their customers, and to meet the City's ambitious goals of the program that includes facility development.

In July 2017 recyclA began the largest transition of customers ever to take place in the nation. In just seven months 71,000 customers were transitioned into the recyclA system.

RecyclA has already made significant positive impacts since it began July 1, 2017.

- Over 71,000 customer accounts serviced
- 318,000 cubic yards of recycled materials are being collected each week
- Over 3.5 million total hauling trips have been successfully completed
- 376 tons of food have been diverted from landfills
- 456 near zero emission natural gas vehicles have replaced diesel trucks

In April 2018 recyclA launched its recyclA Star program. RecyclA Stars are the business owners and apartment owners who are making the investments and behavioral changes to achieve the highest levels of recycling. There are four levels of RecyclA Stars – Green, Silver, Gold and Platinum. The Los Angeles City Board of Public Works awarded Loyola Marymount University (LMU) with the first-ever Platinum recyclA Star Award.





Recycling Hackathon

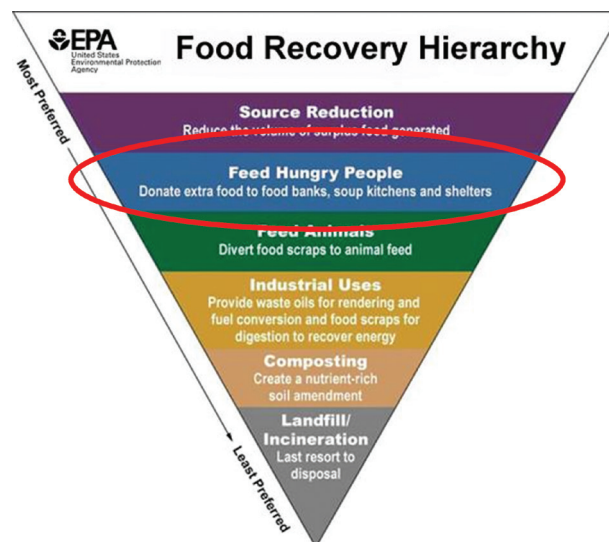
To celebrate the National Day of Civic Hacking, the City of Los Angeles held its first recycling hackathon. Participants worked with LASAN recycling experts and civic tech mentors to compete for cash prizes and incubation while trying to find solutions for recycling contamination. The winners created an app that helps people understand what can and cannot be recycled.

Organics

On June 1, LASAN held a Food Rescue Retreat with almost 100 attendees with the purpose of gathering information and suggestions from a variety of stakeholders interested in food rescue activities. Key participants included city departments, the LA Food Policy Council, the Los Angeles County Department of Public Health, food rescue organizations, and recycLA service providers. Presentations were followed by breakout discussion groups allowing attendees to share information and ask questions. There was also focus on how recycLA, LASAN and the City might provide assistance to help expand and/or enhance food rescue and develop solutions for current challenges and unmet needs.

The Residential Food Scrap In-Sink Disposal Pilot Program began in June 2017, with 140 homes signing up to participate and use their in-sink garbage disposals for the diversion of food waste from the black-bin. Since the start of the program, 3 community outreach events were hosted discussing the importance of food waste diversion, the wastewater treatment process, and other options for handling food waste such as backyard composting.

Quarterly analysis was also conducted through behavioral surveys, waste characterization of the black-bin, wastewater sampling, and closed-circuit television inspection of the conveyance system. Laboratory studies were also conducted to further analyze and simulate the conveyance system and water treatment plant. Implementation is set to end in September 2018 and final reporting will be completed by December 2018.





RESILIENCY

Recycled Water at Hyperion

In February, it was announced that Hyperion Water Reclamation Plant would double its recycled water capacity by 2026 to 70 million gallons per day (MGD). The result of an agreement between LASAN, the Los Angeles Department of Water and Power (LADWP), and the West Basin Municipal Water District, this pilot program will test new methods of treating the recycled water sent from the Hyperion Water Reclamation Plant to a nearby treatment center in El Segundo run by West Basin. Plans were also announced to build a new, separate 1.5 MGD water recycling facility at Hyperion which is expected to be completed in 2020 and will serve LAX.

Creek Fire Recovery

The Creek Fire in Kagel Canyon in December destroyed all of the mulching equipment at our Lopez Canyon facility. As a result, home deliveries were cancelled and supply was temporarily halted at self-service locations. After moving equipment from our Harbor facility, mulch production was back in service, but at lower quantities. Home deliveries are still not available, but five free mulch sites are open again.

Venice Dual Force Main (VDFM)

The new 54-inch diameter force main sewer line will operate as a parallel system in conjunction with the existing 48-inch force main. The new force main is needed to avert a potential sewage spill that could occur from an overflow or failure of the existing 54-year-old force main. The VDFM Project will utilize micro tunneling as the construction method for the sewer pipeline. Micro tunnel boring machines (MTBM) are traditionally named prior to launching. We asked local students to submit suggestions for a name and "Mae" was selected. Dr. Mae C. Jemison was an engineer, a physician, and the first African American woman to orbit Earth. With the project close to launching the MTBM, LASAN along with its project partners held a commemorative launch ceremony, unveiling the name and taking a commemorative group photo with Mae.



Hexavalent Chromium

As part of our commitment toward environmental justice, LASAN took a deeper look at metal processors who potentially emit hexavalent chromium into the atmosphere. After a review of their processes and their proximity to sensitive communities such as parks and playgrounds, LASAN held an industry forum with over 50 vendors to discuss the possibility of employing safer variations of chromium and best management practices that wouldn't be as harmful to those working and living in the vicinity of these facilities.

EPA CREAT

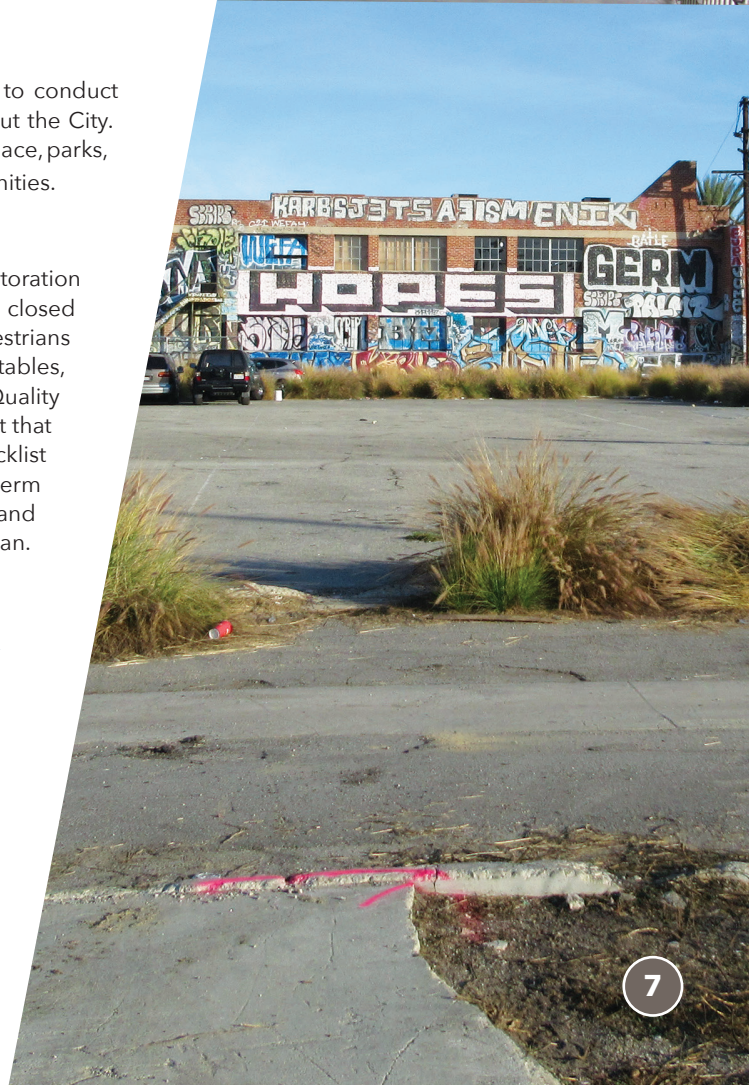
In May, the Environmental Protection Agency released an informational video featuring LASAN. The video documented how the team used EPA's CREAT software to assess risk from extreme events and future climate conditions.

Brownfields

LASAN's brownfields program secured over \$2 million in federal and state grants to conduct environmental assessments and cleanups at eight brownfield sites located throughout the City. Depending on the particular project, these brownfields will be redeveloped into open space, parks, mixed-use development or affordable housing that will benefit disadvantaged communities.

Lopez Canyon

The Lopez Canyon Equestrian Trails and Trailhead project is part of the Lopez Canyon Restoration Project mandated by City Council to develop a portion of buffer lands surrounding the closed Lopez Canyon Landfill for public recreational use. There will be a two-way trail for equestrians and hikers, approximately 1.5 miles in length and a trailhead staging area with picnic tables, bioswale landscaping, and parking. This project is subject to the California Environmental Quality Act (CEQA), which requires state and local agencies to disclose impacts to the environment that might be caused by their actions. LASAN prepared an initial study and environmental checklist to identify the potential impacts resulting from the construction of this project and long-term trail use. During this time, multiple community meetings were held to explain project scope and progress. In May 2018, City Council approved the CEQA studies and construction plans began. With a completed design, construction can begin very soon.



LIVABILITY

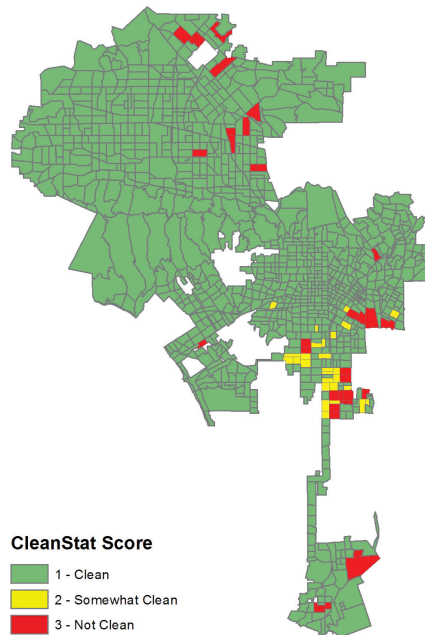
Clean Streets LA (CSLA)

Five CSLA Service teams respond directly to homeless encampments and illegal dumping Citywide. This means more boots on the ground for timely cleanups in the neighborhoods where they are most needed. A vital component of maintaining clean streets is making sure that people who illegally use our streets, sidewalks and alleys as dumping grounds are prosecuted to the fullest extent of the law. The Clean Streets Initiative empowers the City Attorney's Office, Los Angeles Police Department (LAPD), LASAN, and Bureau of Street Services to develop new enforcement tools to fight illegal dumping in our neighborhoods.

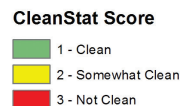
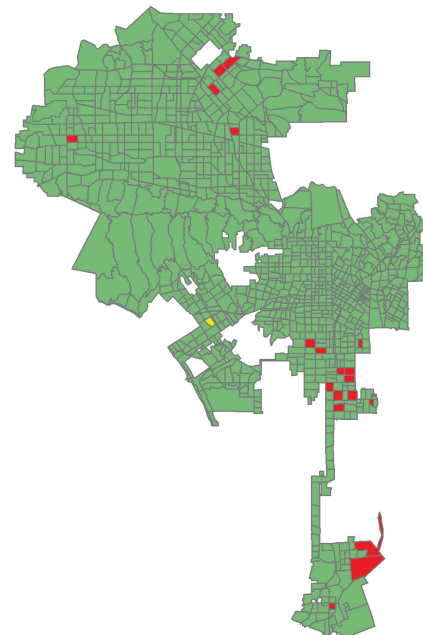
Clean STAT

Our assessors drive 22,000 miles each quarter to collect data on the 9,800 miles of streets in Los Angeles, which are broken into grids. The data is collected in ArcGIS, populating the table of the 42,000 line segments with the counts of each of the 4 scoring criteria (illegal dumping, bulky item, litter, and weeds) seen along the line segment, and a score is created. 1 means the segment is clean and no additional services are needed. 2 means the segment is somewhat clean with moderate services needed. 3 means the segment is not clean, requiring priority response. The exact location of each bulky item or illegal dumping is then sent to MyLA311 to be scheduled for collection.

CleanStat Quarter 1 2017



CleanStat Quarter 1 2018



**CLEAN
STREETS
LA**



ALB Deployment

ALB's are automated litter bins, also known as public trash receptacles. In Mayor Garcetti's Executive Directive 8: Clean Streets Initiative, LASAN was committed to deploying 1,250 public trash receptacles annually across Los Angeles through the 2018-2019 fiscal year. Over the past three years, LASAN has distributed 3,750 new receptacles throughout the City while also replacing and maintaining the existing bins. Distribution sites are strategically chosen by utilizing data gathered in Clean Streets quarterly indexing.

Operation Healthy Streets - Skid Row and Venice

Operation Healthy Streets (OHS) was established by the City in 2012 in response to a Notice of Violation issued by the Los Angeles County Department of Health for what it deemed as "an immediate threat to public health" due to unsanitary conditions on the City's sidewalks and public areas in downtown Skid Row where a significant number of the City's homeless congregate/reside near homeless service providers.

Since that time, the Mayor and City Council have approved major efforts and provided resources to increase cleanings, inspections and health hazard assessments. All processes, outreach, scheduling, field operations, etc. will strictly adhere to the adopted 2016 City of Los Angeles Municipal Code (LAMC) Section 56.11 ordinance and protocols (Procedures #2 and #3).

Public Right of Way (HOPE)

In order to support the implementation of LAMC Section 56.11, LASAN is working with the Los Angeles Police Department (LAPD) and the Los Angeles Homeless Services Authority (LAHSA) as part of the Homeless Outreach and Proactive Engagement Teams (HOPE) Citywide. The HOPE Team was first launched in LAPD's Valley Bureau on May 16, 2016. The purpose of the HOPE Teams is to improve the City's overall response to the complex and diverse needs of unsheltered homeless residents and to support healthy neighborhoods. This approach is aligned with the City's commitment to expand its first responder programs, to more closely integrate with the County, and to develop stronger links to the Coordinated Entry System (CES) under the joint City and County plan to end homelessness.

The HOPE Teams complement the City's existing resources and programs for responding to homelessness and its impact on communities, as well as for keeping the streets and neighborhoods clean. These include Clean Streets Los Angeles, which allows residents to schedule cleanups across the City, the City's watershed protection efforts and its chronic dumping area cleanups, abandoned waste removal, alley cleanups, and the bulky item removal programs. The teams will accomplish this by connecting homeless individuals to appropriate services, responding to neighborhood issues and concerns, and developing strategies for dealing with situations that arise among unsheltered individuals including those experiencing mental illness and substance abuse issues.





BIODIVERSITY

2018 Report

In 2017, LASAN formed an Expert Council, an interdepartmental Biodiversity Team, and a Stakeholder Group. The collective knowledge and data resources from these esteemed individuals were tapped to measure the Singapore Index and to provide biodiversity enhancement recommendations for Los Angeles, which were all documented in the 2018 Los Angeles Biodiversity Report. A workshop was held in April, bringing together stakeholders to discuss findings and next steps.

ShadeLA

LASAN was awarded a \$1,500,000 grant for the ShadeLA project from California Department of Forestry and Fire Protection (Cal Fire) with funding from the California Climate Investments (CCI) initiative to plant 2,700 trees in disadvantaged communities throughout Los Angeles. LASAN supports community projects like adding to our tree canopy, which helps to cool and beautify local communities, as well as support biodiversity in Los Angeles, allowing for stormwater capture and infiltration to make us more resilient in facing climate change impacts.

LA River Protocols

Twice a week, LASAN staff sample and test water at three locations in each LA River Recreation Zone, corresponding to the beginning, middle, and end of each zone. Based on the bacteria levels found, the status of each recreation zone is determined and shared online at www.lacitysan.org/waterquality. This allows residents to take proper precautions when enjoying recreational activities in the river. It is hoped that increased awareness of the water quality will lead to behavioral changes that positively affect the river's ecosystem and better support its vast wildlife.

LA Sanitation will color-code results as follows:

GREEN

Water quality is suitable for recreational activities, but swimming is still prohibited. Test results indicate bacteria levels lower than 235 MPN, the limit for "REC-1."

YELLOW

Users should exercise increased caution. Test results indicate bacteria levels between 235 MPN ("REC-1") and 576 MPN at one or more of the sampling sites located in the recreation zone, or only one of the sampling sites within a recreation zone exceeds 576 MPN.

RED

LA River not suitable for recreational activities. Test results indicate bacteria levels exceeding 576 MPN at two or more of the sampling sites located in the recreation zone.

At all times: Water quality may be impaired. No Swimming. Avoid water contact. Wash your body with soap and water if you contact the water. Do not drink the water. Contact your health care professional if you become ill after water contact.



CLIMATE CHANGE

Climate Adaptation at Lopez Canyon

The City of Los Angeles has been testing cool pavement, which is the application of a light-colored concrete material over a recently paved slurry seal. Cool pavement was installed at Lopez Canyon in May. Expectations include reducing the heat island effect by 15-25 degrees, reducing the temperature of urban runoff which travels through native tributaries, reducing tire noise by two to eight decibels, and most importantly, improving local comfort for our free monthly composting workshops.

One Water LA

LASAN and LADWP shepherded the completion of the award-winning One Water LA 2040 Plan, to be released soon. A partnership effort with the community and across the public and private sectors, the Plan takes a holistic and collaborative approach to consider all of the City's water resources as "One Water" and identifies multi-departmental and multi-agency integration opportunities to manage water in a more efficient, cost effective, and sustainable manner. This year, One Water LA was honored to receive the grand prize planning award for Excellence in Environmental Engineering and Science from the American Academy of Environmental Engineers and Scientists (AAEES). In moving this transformational plan into implementation, LASAN is excited to continue to enrich existing partnerships and build new ones to create a resilient water future for LA's communities. As part of our Young Citizen Artists program in its fourth year, children in fourth through sixth grades were challenged to present design ideas to capture, conserve, and reuse water. The challenge was site-specific for their schools and encouraged the students to think about how to present their ideas to stakeholders in their communities.



SUPPORTING OUR STAFF

Recruitment

In our ongoing effort to hire the best and brightest individuals for our technical engineering jobs, the Project Green Leadership team increased its outreach to several schools outside of the local area. The team interviewed 242 candidates at ten universities this year resulting in hiring nearly two dozen outstanding environmental engineering associates. The passion and diversity of interests and backgrounds matches up with LASAN's urgent need to retain the technical aptitude and dedication to reach the ambitious goals of being the greenest big city in the country.

Management Training

With the potential of losing valuable knowledge from its veteran workforce, LASAN held a 12-week course for managers to gain insight on a variety of key skill sets. Strategic and financial management, media training and presentation skills, regulatory compliance and managing risks were among the elements covered. Given the success of this program, a second round of courses is in the works.

Enrichment Discussions

Some of our divisions have begun regular enrichment discussions. Topics range from career advancement to interview preparation to navigating the City's purchasing system to understanding the budget process and are open to all LASAN employees. At the Public Works Building, there is a monthly screening of an educational environmental documentary offered at lunch time that is very well attended.

Risk Management

The purpose of the project was to provide an assessment of LASAN's Safety Program and Risk Management Program, with the goal of identifying program strengths and opportunities for improvement as noted in Executive Directive No. 18: A Safe and Healthy Workforce and Risk Management. LASAN reviewed departmental safety and risk management processes, procedures, and policies, and conducted an in-depth review of the types of injuries and causes of injuries incurred by employees. The findings are helping LASAN to identify and implement improvements for the future. The report also provided information on steps the organization is taking to address more global risks, such as responding to climate change.

Socials

LASAN hosted a variety of gatherings to continue to build cohesion and camaraderie among its diverse workforce. Our annual Day of Giving at the Los Angeles Food Bank, a visit to see "Zoo Lights", Tech Transfer speaker series, monthly screenings of environmental documentaries, atrium games at lunchtime, and themed photo opportunities brought employees together while doing some social good along the way.

SITES

The Summer Introduction to Engineering and Science (SITES) Program is LASAN's expansion of Mayor Eric Garcetti's Hire LA's Youth Initiative. In collaboration with the Los Angeles Unified School District (LAUSD), LASAN designed the six-week summer internship program to groom high school students with an interest in Science, Technology, Engineering or Math (STEM). Twenty-five students were hired/mentored this year with the hope that we have inspired them to pursue careers in the environmental field. Various field trips were incorporated into the program to supplement what was being learned in the office.

SUPPORTING LOCAL BUSINESS

LA Industry

LASAN's Industrial Waste Management Division manages an innovative program called LA Industry to demystify regulations and create collaborative business-friendly pathways to help achieve sustainability in the environment and economy. LA Industry's initiative is collaborative partnerships between government agencies and local businesses to promote a circular economy and workforce development through joint actions, sharing experiences, and resources. Creating this unique ecosystem of companies collaborating with LA Industry can drive triple bottom line returns that achieve economic success, improve equity and strengthen the environment. Several endeavors such as the Each One Reach One (EORO), Green Business Certification, Green Chemistry Guide and Checklist, Materials Exchange, and Industry Champion Programs have been pioneered by LA Industry to help businesses grow a greener and more sustainable business in Los Angeles. Events held this year include the Food Manufacturing & Metal Finishing symposia and the Los Angeles County Sanitation Districts (LACSD) & LASAN Joint Industrial Advisory Council (IAC) Meeting.

Green Business Program

Since launching, the LA Green Lodging Program certified 9 hotels, the LA Green Business Program certified 550 businesses (150 this year alone), and the LA Green Arts Program certified 22 cultural/arts facilities. The LA Green Business Program added 150 new certified businesses this year which include divisions of USC and UCLA, CBS Studios, and office spaces including the renowned engineering firm Thornton-Tomasetti, who helped design the tallest building in Los Angeles, the Wilshire Grand Center. This year's notable addition to the Green Lodging Program is the Sofitel Los Angeles. LASAN and Green Seal, Inc. presented the hotel with their certification at a press event to honor them for their dedication to the environment which includes recycling food waste, electronics, glass and plastic bottles, and cardboard as well as donating partially used personal amenities. LASAN also presented its first ever Director's "Green Leaf" award to the Señor Fish in downtown LA. Through their many efforts, such as operating in a building certified LEED Gold in May 2010 and reducing paper usage in their dining facility by switching to reusable table covers, Señor Fish has demonstrated a commitment to securing a cleaner, greener future for our city.

Clean-Up Green-Up (CUGU)

Our efforts to assist businesses in keeping pollutants out of our most impacted neighborhoods continue with our CUGU campaign. Hundreds of personalized visits were conducted in the communities of Pacoima, Boyle Heights and Wilmington to support the implementation of best management practices and principles of sustainability.

MBE/WBE

Understanding the need to support the growth of local businesses as well as minority-owned and women-owned businesses, LASAN's contracting unit organized a meet and greet for the Hyperion Advanced Water Purification Facility project for interested firms to network with the shortlisted proposers for the project. They also attended the Access to Capital and Certification Expo, California Public Utilities Commission/Joint Utilities Small Business Expo, Accessing LA 2017, Small Business Summit, and the 3rd Annual Southern California Procurement, Trade and Manufacturing Summit. At Accessing LA, LASAN provided two judges for the Koi Pond competition.



SUPPORTING OUR COMMUNITY

Free Composting Workshops

On select Saturdays at both the Griffith Park Composting Facility and the Lopez Canyon Environmental Education Center, residents learn how to turn kitchen scraps and yard trimmings into a nutrient-rich soil amendment. Worm bins, composting bins, and mulch are available for City residents. At Lopez Canyon, residents are also treated to free Smart Gardening Workshops with topics changing monthly. Due to increasing attendance at both locations, a third composting workshop was added at the South LA Wetlands.



Open House events

In its 16th year, LASAN's highly-anticipated open house events drew big crowds to its district yards. Over 6,800 attendees enjoyed trash trucks and equipment demonstrations in addition to facility tours, information booths, recycling games, and a free lunch. All children received a special hat at registration and had the opportunity to operate the controls on the trucks. Parents went home with free shade trees and vegetable plants.

Arbor Day

The City of Los Angeles and the City Plants collaborative celebrated Arbor Day by planting 173 trees along 1.6 miles of Vineland Avenue in April with over 400 volunteers. This project is funded through a collaboration between City Plants, LADWP, and LASAN, which received a \$1,000,000 grant from CAL FIRE's Urban and Community Forestry program. Something as simple as adding trees to our streets has a big and lasting impact when it comes to meeting Los Angeles' sustainability goals, improving and beautifying our neighborhoods and providing much needed green space to some of our most underserved communities. The new trees will transform the neighborhood into a green oasis, creating shade and a better pedestrian experience as the trees grow.





Earth Day LA

Drawing record crowds, LASAN's third annual Earth Day LA celebration in Highland Park showcased the achievements and progress of many in the City who are working to combat the effects of climate change. Amid the live music and dancing, families learned about electric cars, solar panels, recycling, water quality, and safer cleaning products for the home. Besides free popsicles, residents took home drought-friendly plants and fruit trees as well as educational giveaways. Winners of the artwork competition were recognized by Mistress of Ceremonies, Michelle Trujillo of Telemundo and received fabulous prizes. Entertainment included DJ Jorge Nesta, Renaissance Academy musicians, the Salserinas, and Alarma.

Collaboration with Animal Services

Recognizing the need for linens for sheltered animals, LASAN and LA Animal Services partnered to host a used linen drive. 2,680 pounds of linens were collected from nine locations around the City to help make our furry friends more comfortable as they await their transition to forever homes.



PLANT TOURS

Donald C. Tillman Water Reclamation
Plant/Los Angeles-Glendale Water
Reclamation Plant
42 plant tours & 604 visitors

HYPERION WATER RECLAMATION PLANT

386 plant tours
210 Environmental
Learning Center (ELC) tours
21,244 visitors
132 events held at ELC

THE JAPANESE GARDEN

216 tours
43,580 visitors
116 events

CUSTOMER CARE CENTER

Over one million calls ann
Avg 2,800 calls per day
Avg wait time 2.62 minutes
124,000+ registered users



SAFE CENTERS

125,900 pounds of household hazardous waste collected from 7 SAFE Centers



USED MATTRESS COLLECTION

From July 2017 to June 2018, 50,000+ mattresses have been collected for recycling



USED TIRE COLLECTION

From January to July 2018 (new program), 2,400 residents brought in over 2,500 tires to be recycled



OPEN HOUSE ATTENDANCE

East Valley: 1,229
West Valley: 1,615
North Central: 1,144
South LA: 363
Harbor: 610
West LA: 1,900
TOTAL: 6,861

18

LASAN Goal	Alignment with Mayor's Sustainability Goals	Completion Date
<p>4. Implement and integrate Mayor Garcetti's "A Bridge Home" initiative thru LASAN's livability program.</p> <p>5. Incorporate Environmental Justice principles and policy as an integral overlay within LASAN's programs, projects and operations.</p> <p>6. Optimize recycLA program to ensure that service delivery and customers' trust is fully in place as we move toward making LA a zero waste, landfill-free city.</p> <p>7. Design and implement a customer satisfaction survey for all of LASAN's services.</p>	<p>City leadership engages Angelenos in decisions that affect their neighborhoods in order to foster resident participation in government and in building a shared community. LASAN is delivering results that improve the quality of life for our residents by collaborating to identify, create, and strengthen programs that benefit local communities.</p>	<p>June 2019</p> <p>June 2019</p> <p>June 2019</p> <p>June 2021</p>
<p>Resiliency</p> <ul style="list-style-type: none"> • Safe and thriving Angelenos • Strong and connected neighborhoods • Prepared and responsive city • Pioneering and collaborative partner <p>8. Implement action items in Mayor Garcetti's Executive Directive 22 "Resilient Los Angeles," applicable to LASAN.</p> <p>9. Optimize recycled water availability in the LA River and introduce new programs to have residents experience its beauty up close.</p> <p>10. Develop a citywide implementation plan within LASAN's Watershed Protection efforts in concert with Los Angeles County's proposed "Safe Clean Water LA" initiative.</p>	<p>The City is improving emergency response and strengthening our resilience to earthquakes and other natural and man-made threats. LASAN is prepared for natural disasters, and we manage our risk related to climate change impacts by completing adaptation plans. In implementing these plans we will prioritize projects for investment by updating our capital improvement program to include these considerations. By making these plans now we are actively seeking solutions to keep our city infrastructure and operations resilient and our people safe.</p> <p>LASAN has a strong commitment to transform and create a sustainable living and working environment along the Los Angeles River. Balancing water supply and river ecosystem needs with community engagement is a priority. This year we will complete a study to determine optimal flow conditions to restore and revitalize the Los Angeles River, while re-engaging the community's connection to the river.</p>	<p>June 2021</p> <p>June 2019</p> <p>June 2019</p>



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