

LA MESA

JEWEL OF THE HILLS

2022 Climate Action Plan Annual Report

July 25, 2023
La Mesa City Council



Climate Action Plan



Creates a roadmap to:

- Reduce emissions by 15% by 2020
- Reduce emissions by 53% by 2035

CAP Strategy Areas:



Energy



Transportation



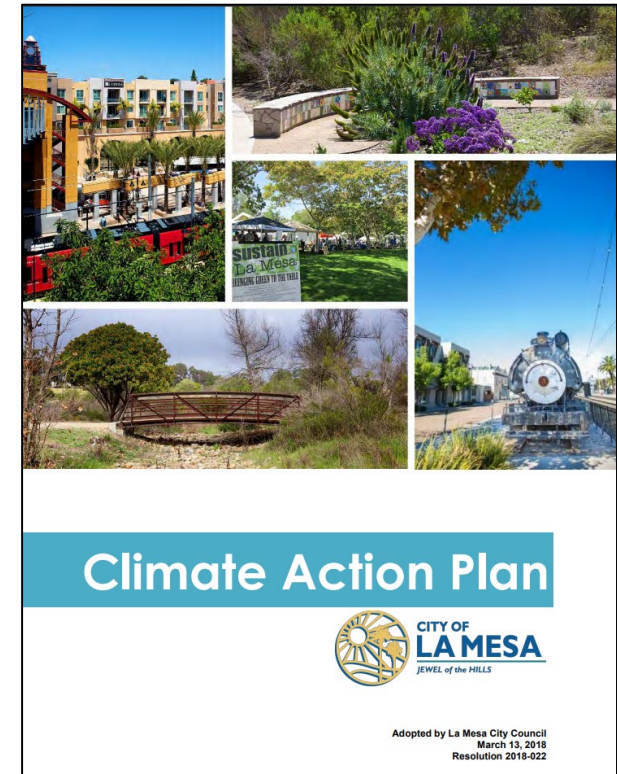
Solid Waste



Green
Infrastructure



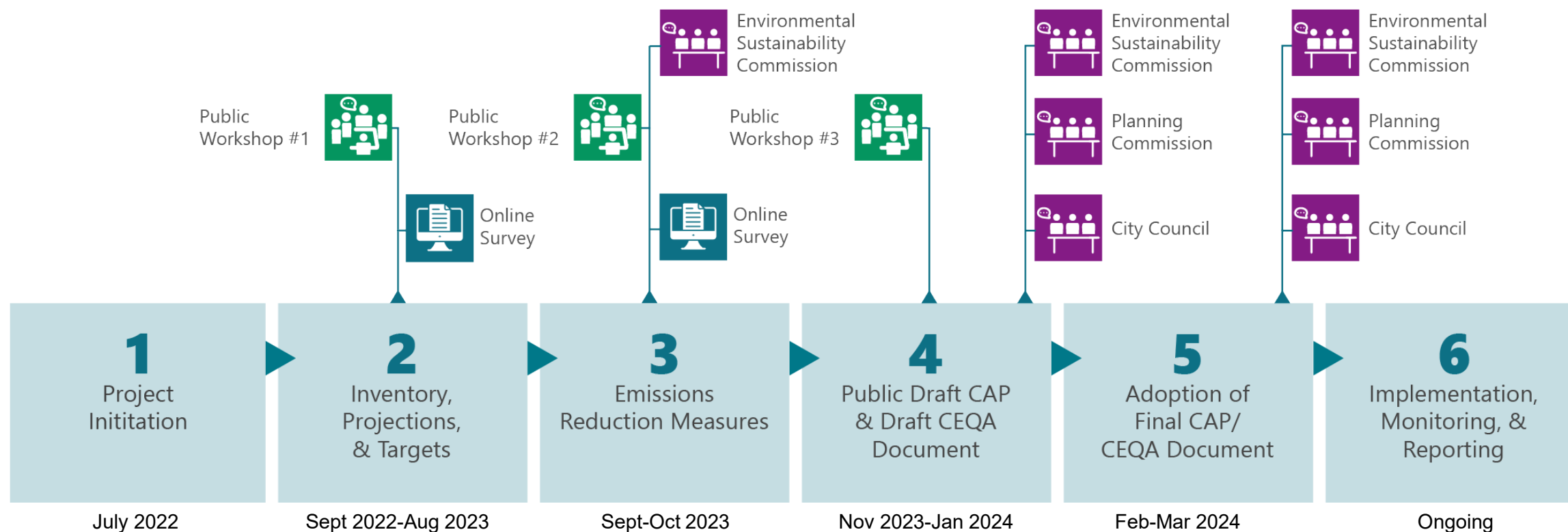
Water



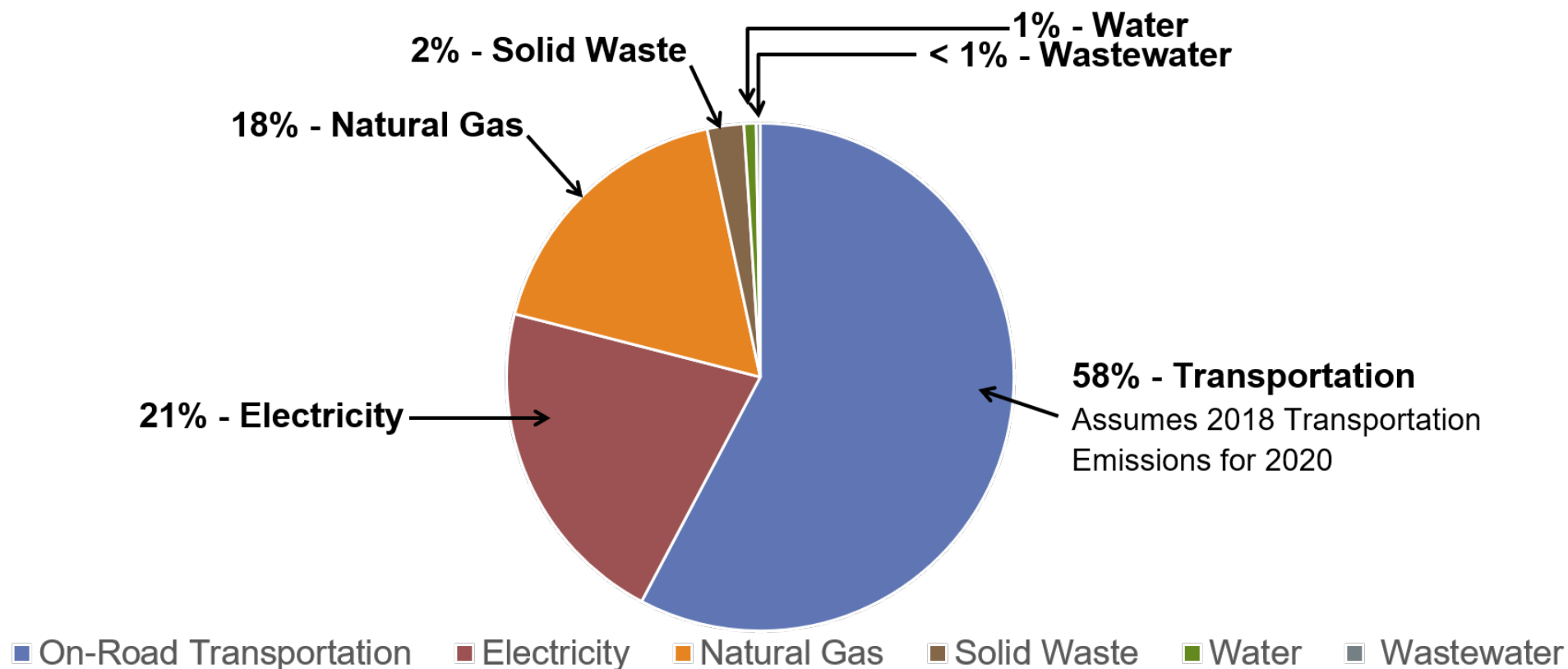
CAP Currently Being Updated



CAP Update Timeline



Greenhouse Gas Emissions



Source: La Mesa 2018 Climate Action Plan, SANDAG, Energy Policy Initiatives Center University of San Diego

CAP Implementation



- 2 Full-Time City Staff
- 2 Full-Time CivicSpark Fellows
- 2 Part-Time College Corps Fellows
- La Mesa Staff CAP Implementation Team
- City of La Mesa Commissions
- San Diego Regional Climate Collaborative



CivicSpark

Climate Emergency Resolution Actions



- Expanded staff capacity with 2 full-time staff, 2 full-time CivicSpark Fellows, and 2-3 university and high school interns
- Collaborating with City staff in all departments at quarterly meetings with the CAP Implementation Team
- Environmental Sustainability, Parking, Mobility, and Planning Commissions added CAP goals in Work Plans and presenting CAP project updates to Commissions
- Environmental Sustainability Commission actively working on a recommendation for building electrification, education for transition of small gas powered tools, CAP Update, community engagement strategies, and planning and participating in community workshops
- Began comprehensive energy program for municipal facilities with an energy services company (ESCO) for energy efficiency projects, onsite renewable energy and battery storage, and EV infrastructure
- Received \$400K for Public Works Yard Solar and battery storage and \$250K for Lemon Ave Parking EV charging



Climate Emergency Resolution Actions



- Hosted CAP Update Community Workshop and City Staff Workshop requesting feedback
- Updating CAP GHG targets, measures, and key actions in line with State targets
- Working with transportation agencies on regional projects and promoting regional transit programs
- Coordinating a transportation mode share analysis to be conducted as part of the CAP Update and monitor data for the next five years
- Participating regularly in regional groups including, SANDAG ReCAP, County Solid Waste Technical Advisory Committee, and serving as the Chair of the San Diego Regional Climate Collaborative in FY23, and participating in State meetings and conferences on climate action



Climate Emergency Resolution Actions



- Raising awareness of climate change by hosting educational events to expand engagement through in-person and virtual outreach
 - Park Appreciation Day
 - Earth Day Celebration
 - Tree Steward Trainings
 - Rainwater Collection Workshop
 - Organics Recycling Webinars
 - Community Garden Workshops
 - Litter Free La Mesa Community Cleanups
 - Bike Anywhere Day
 - Tabling at Farmers Market
 - Tabling at La Mesa Juneteenth Celebration

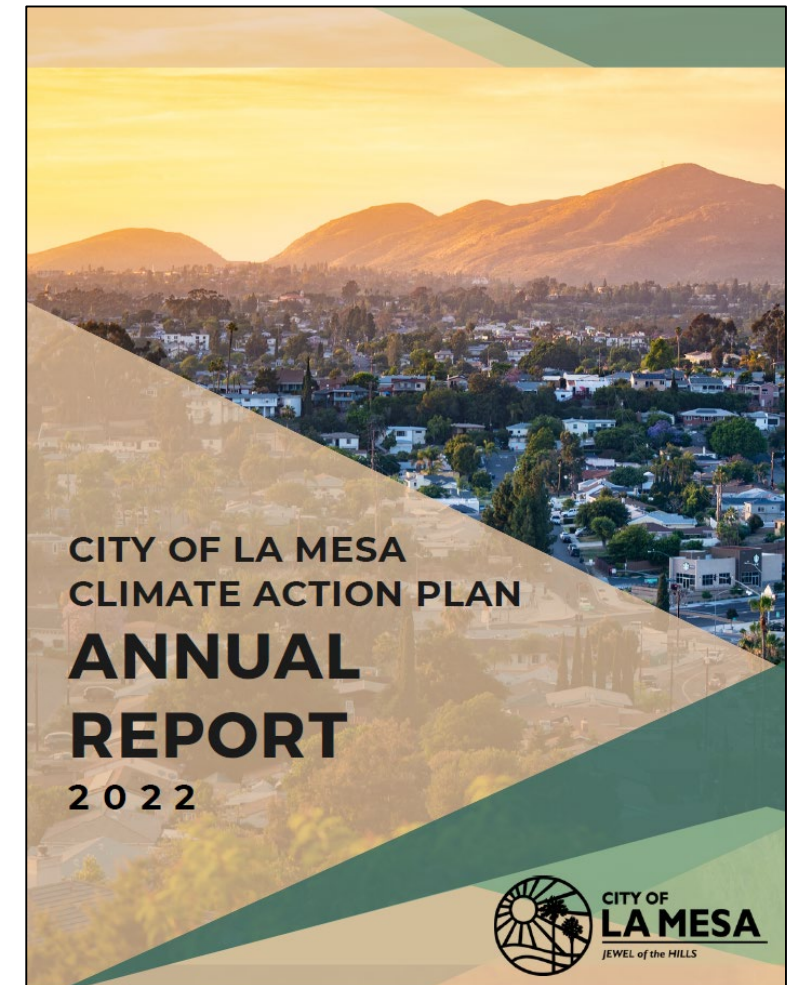


Annual Report



2022 CAP Annual Report

- Fourth CAP Annual Report
- Update from the 2021 Annual Report
- CAP Implementation Team
- Two-part Annual Report
 - Executive Summary
 - Appendix
- Captures progress since CAP was adopted in March 2018 and from the last Annual Report



2022 Energy Highlights



La Mesa Stats for 2022:

27,702

Accounts

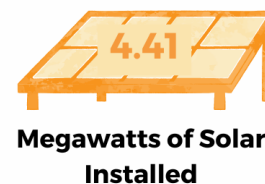
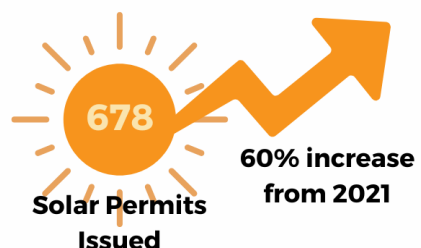
95.4%

Participation
Rate

118

Opt-ups to
Power100

Renewable Electricity in La Mesa



Onsite Renewable Energy



ENERGY
CONSERVATION
MEASURES



ONSITE
RENEWABLE
ENERGY

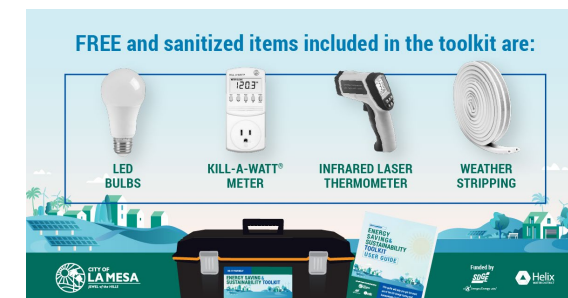


BATTERY
STORAGE



ELECTRIC
VEHICLE
CHARGING
INFRASTRUCTURE

Comprehensive Energy Program



Residential & Commercial Programs

2022 Transportation Highlights



8181 Allison, 147 units
under construction



Jefferson La Mesa, 230 units
completed 2022



Transportation Demand Management

**Vision Zero: Bicycle
Infrastructure &
Education**



**Grant Funding for
Improvements**



**Miles of Class 2
Bike Lanes Miles of Class 3
Bike Lanes**



**La Mesa Walks
Participants**



**Total Miles of
Sidewalk in La Mesa**

First EV's in City Fleet

2022 Solid Waste Highlights



Spring 2022

Inside This Issue

Organics Recycling Is Here!
Updated Diversion Calculator
What Goes Where
SB 1383

Holiday Schedule

Memorial Day
Monday, May 30, 2022
No Door of Service

Fourth of July
Monday, July 4, 2022
No Door of Service

Waste and recycling collection services will be suspended by the holiday on Monday, May 30, 2022. Collection will occur on the regularly scheduled service days.

Waste and recycling collection services will be suspended by the holiday on Monday, July 4, 2022. Collection will occur on the regularly scheduled service days.

Can We Help?

Do you have questions regarding your service? Contact one of our friendly customer service representatives through the Contact EDCO tab on our website, send us a text message, or call our office.

The EDCO diversion calculator is based on the average you have entered your business' collection data, your collects from your business each week, is calculated. If your diversion rate will be higher. For example, now that we are recycling organic waste, you will notice an increase in your diversion percentage because we are keeping organic waste out of the landfill. Visit our website today at edcodiversion.com and see if you are *On the Road to Zero Waste*.

EDCO is committed to helping you recycle and be in compliance with SB 1383 defined on the reverse side! Please contact us at your corresponding customer service phone number below.

Customer Service: South & East Unincorporated County & Cities (619) 287-7555 • Poway (619) 748-7769
Vista, Bonita (760) 727-1600 • San Marcos, North Unincorporated County Areas, Valley Center (760) 744-2700
Rancho Santa Fe, Encinitas (760) 436-4151 • Solana Beach (858) 350-8544 • Fallbrook (760) 728-6114

EDCO
Family Owned & Operated
edcodiversion.com
"We'll Take Care of It"

FREE WEBINAR

ORGANICS RECYCLING FOR LA MESA BUSINESSES

Learn about the State's new regulations for organics recycling and best practices for success.

**October 19, 2022
3 - 4 PM**

CITY OF LA MESA
JEWEL of the HILLS

I Love a Clean San Diego

ORGANIC



CITY OF LA MESA
JEWEL of the HILLS

FREE PAPER SHREDDING EVENT

Saturday, November 12
9 AM - 12 PM

household company
collection
VD players,
oni, printers
lar phones.
o bring
r vehicle.

ing.
63.6611.



Organics Recycling
Outreach

Organics Recycling
Rollout

Services for Residents

2022 Green Infrastructure Highlights



La Mesa Earth Day Festival
April 9, 2022



Staff Tree Training
June 2, 2022



Park Appreciation Day
November 5, 2022



Trees Planted
in 2022

Trees Maintained
by the City

LA MESA COMMUNITY GARDEN



FREE STREET TREES!

IS THERE A "PUBLIC RIGHT-OF-WAY" OUTSIDE YOUR HOME?

ARE YOU INTERESTED IN A FREE TREE?

Sign up here for a free tree in support of the City's Climate Action Plan goal to increase the urban tree canopy: bit.ly/WateringAgreement

What's a "Public Right-of-Way"?
The space between the sidewalk and curb edge that is usually grass or gravel

Project support provided by the following grant partners:



Garden Beds



Garden Participants



Volunteers



Workshops



Workshop
Participants

2022 Water Highlights



WATER CONSERVATION

INDOOR WATER USAGE

DID YOU KNOW?

Toilets and washing machines together account for 45% of water use inside homes.

Premium High-Efficiency Toilets (PHET)

PHETs use 11 gallons of water per flush compared to the 16 gallons per flush of standard toilets, which is 30% less water. Look for EPA-certified WaterSense toilets. These models can save the average family \$3,000 gallons of water per year. It also saves money – around \$95 per year and \$300 over its lifetime.

Faucets and Showerheads

Standard faucets and showerheads typically have much higher flow rates than are needed, leading to wasted water.

Faucet Aerators help to reduce water flow and control the stream. Installing them can save on average 2 gallons per person per day.

Low-Flow Showerheads have water flow rates of 2 gallons per minute (gpm) or less compared to standard showerheads with a 2.5 gpm flow rate. The average family could save 2,700 gallons per year.

Rebates and Giveaways

Receive money for investing in water efficient infrastructure! Make sure to check out the requirements for each rebate before starting projects.

High-Efficiency Clothes Washers: Rebates start at \$65. In order to receive the rebate, clothes washers must meet or exceed the CEE Tier 1 standard: www.energystar.gov

Premium High-Efficiency Toilets (PHET): Rebates of \$40 per toilet are available for PHET using 11 gallons per flush or less: www.cityoflamesa.com/waterconservation

Flow Monitor Leak Detection Devices: A base incentive of \$50 is offered for qualifying flow monitor devices. There are devices to fit different needs and budgets: www.cityoflamesa.com/waterconservation

Low-Flow Showerheads: Residents and commercial customers can pick up FREE showerheads at Hill Water District: <https://www.hillwater.org>

Free Faucet Aerators: Hill Water District provides free WaterSense approved faucet aerators to residents: <https://www.hillwater.org>

DIY Water & Energy-Saving Toolkit: The City of La Mesa offers free rentals of DIY Toolkits to residents, which include water saving tools and free giveaways: www.cityoflamesa.com/waterconservation

Visit Hill Water District For Up-To-Date Information On Rebates in The Area: www.hillwater.org

CITY OF LA MESA

[CITYOFLAMESA.COM/WATERCONSERVATION](https://www.cityoflamesa.com/waterconservation)

WATER CONSERVATION

OUTDOOR WATER USAGE

CHANGING LANDSCAPES
What is Xeriscaping?

Xeriscaping means dry landscaping. It refers to redesigning outdoor spaces to need little to no water.

Principles of Xeriscaping

Water Conservation
Before planting anything, design the landscape, taking into account budget, function, aesthetics, and overall maintenance. Take into account shady and sunny areas and sloped and flat areas.

Soil Quality
Incorporating organic matter that is well aerated into the soil can improve the soil's ability to store and drain water. The main organic additive is usually compost, which is good for most landscape plants.

Limited Turf
Crest lawns require a lot of water for upkeep. Consider replacing lawns with native plants, succulents, gravel, mulch, and permeable pathways. Also, consider using a less water-intensive type of turf.

Native, Drought-Resistant Plants
For hot, dry areas, prioritize plants that need very little water. Plants that are native to the region should thrive in this climate. Group plants with similar water needs together, so they are on the same watering schedule.

Mulch
Place a 2-inch layer of mulch around plants to prevent weed growth, buffer soil temperatures, and slow evaporation, reducing the need for watering. Mulch can include wood chips, straw, compost, etc. Replenish every 12 years.

Water Efficiently
Conserve water by collecting rainwater, using drip irrigation systems, installing smart irrigation controllers, using graywater, and watering in the morning.

Maintenance
Landscape landscapes do not require a lot of maintenance. For best practices, establish a schedule to keep up with pruning, weeding, and mulching. Do not over-fertilize.

DID YOU KNOW?

58%

of residential water consumption statewide goes to landscapes.

Drought-Tolerant Plants

There is a wide variety of plants that can be used in a water-efficient garden, so this list is by no means exhaustive. Take a look at the resources below for more inspiration.

Succulents

Agave Aloe Purslane

Shrubs

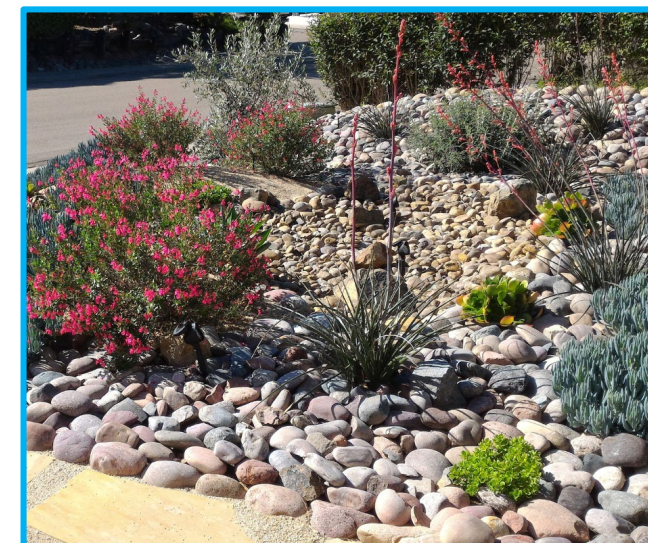
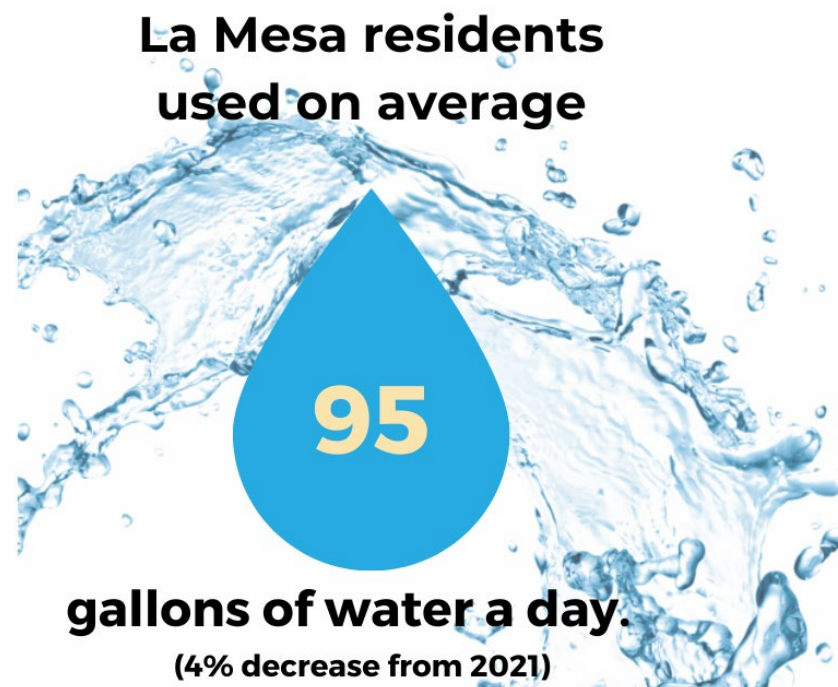
California Lilac Blackberry Flower Rosemary

Other

Bougainvillea Vine Carmel Creeper Groundcover California Sunflower

California Native Plant Society Native Planting Guides: <https://www.calnativeplantsociety.org/landscaping>

San Diego Water Authority Plants for WaterSmart Landscapes: <https://www.sdwat.org/plants-for-water-smart-landscapes>



Water Education

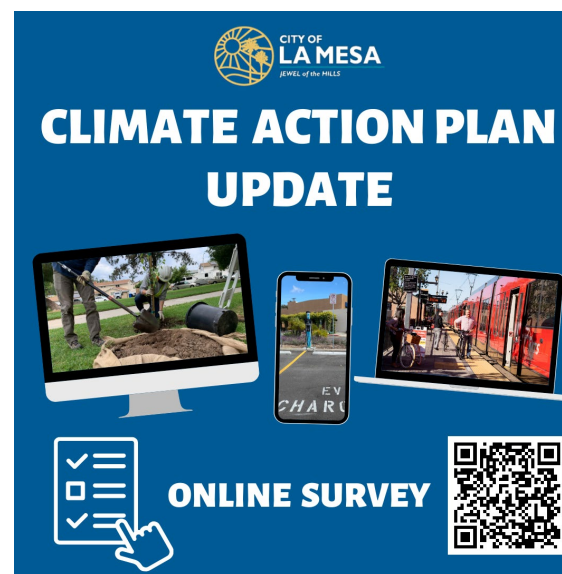
Turf Replacement Rebates
28,750 sq ft of turf replaced

Looking Ahead



2023 Priority Projects

- Climate Action Plan Update
- Mode Share Analysis and Ongoing Reporting
- Comprehensive Municipal Energy Program
- Bicycle Education and Safety Classes
- Expansion of Green Business Network
- Host CivicSpark Fellows & College Corps Fellows
- 100% Organics Recycling Compliance
- CAP Themed City Walks Program
- Water Conservation Workshops
- Implement Urban Forest Management Plan
- Litter Free La Mesa Community Cleanup Series
- La Mesa Complete Streets Project
- And more!



Questions?



For more information, please visit

www.cityoflamesa.us/climateactionplan

Thank You!