



Long Beach Water
Exceptional Water • Exceptional Service

Building our Sustainable Future Together

Office of Sustainability

Presented by

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Overview

- Meet the Long Beach Water Department
- California's Water Supply: challenges and opportunities
- Long Beach Water's Portfolio
- Sustainability
- Resources



Meet the Long Beach Water Department

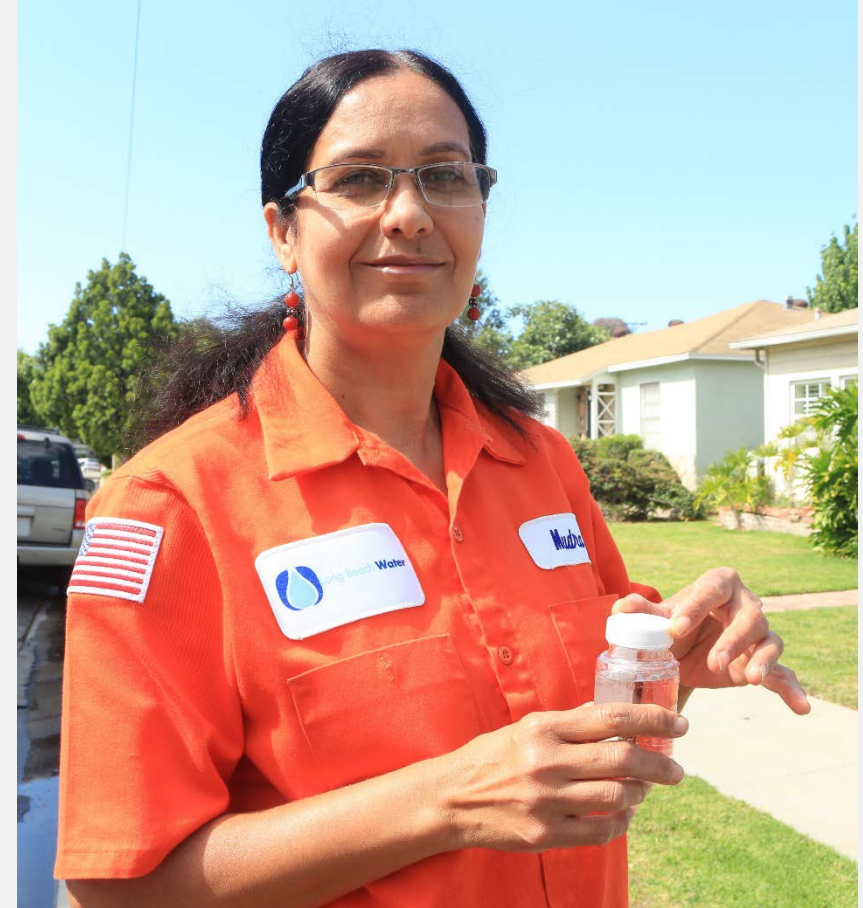
- In a nutshell:
 - municipally owned
 - 90,000 water accounts
 - water & sewer services
 - almost 500,000 customers in a 50 square mile service area
 - customer service response 24/7, 365 days/year
 - 1,600 miles of water and sewer pipelines (Long Beach, CA to Houston, TX)
- Governed by an independent Board of Water Commissioners
- Original member of the Metropolitan Water District of Southern California



What is our vision?

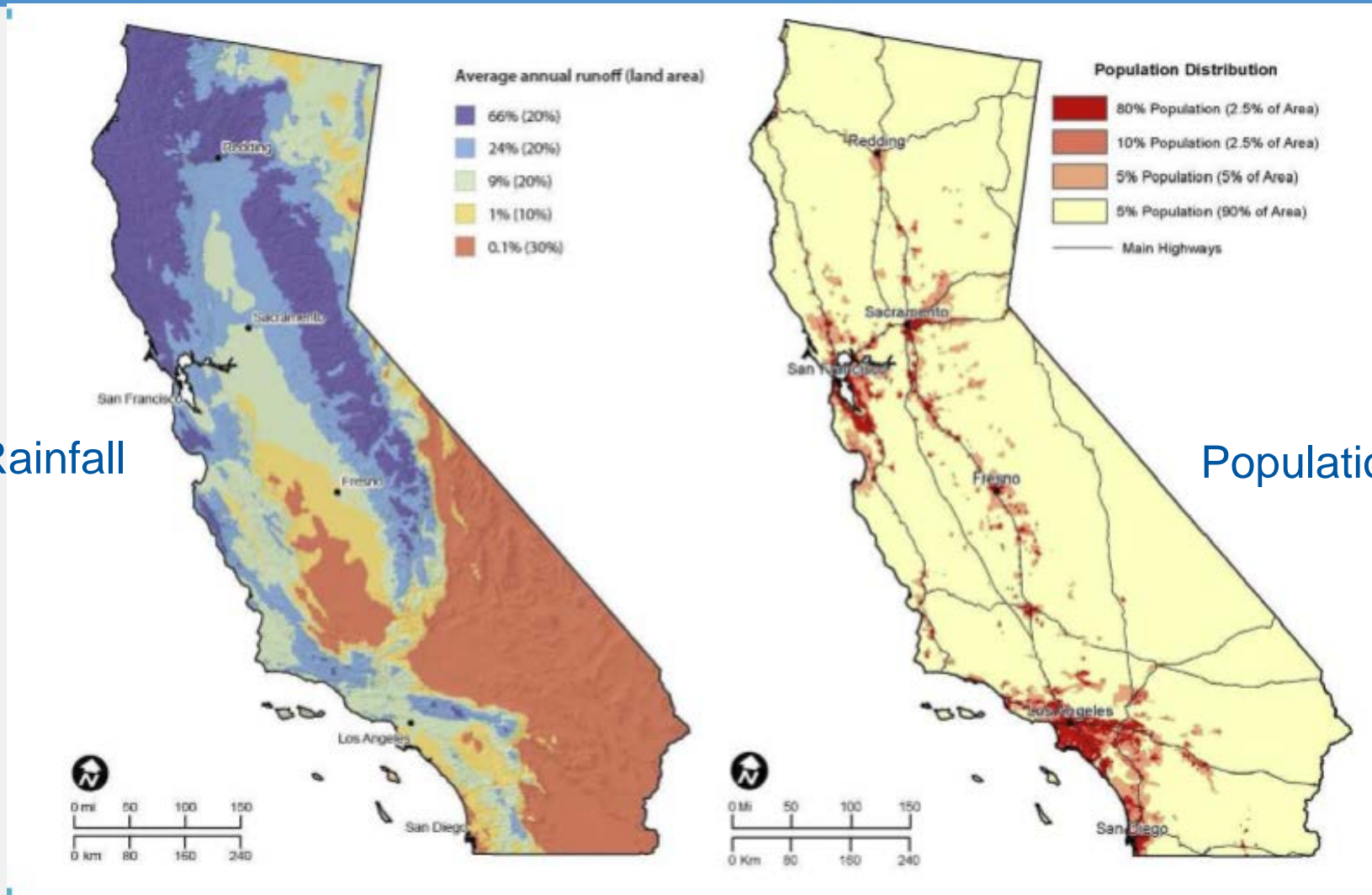
As a recognized leader in water conservation and innovation, the Long Beach Water Department

- contributes to creating a sustainable community,
- develops collaborative partnerships, and
- fosters a quality workforce.



California's Water Supply

Average Rainfall



Population Distribution



California's Water Supply Challenges



- Hydrologic Drought
- Climate Change
- The Bay Delta
- Competing Uses
- Water Quality
- Regulatory Drought
- Population Growth



Long Beach's Supply Portfolio



- 50% Groundwater
- 40% Imported (SWP and CRA)
- 10% Recycled Water
- Water Use Efficiency and Conservation



Sustainability

- Water/Energy Nexus
 - Water efficiency saves energy
 - Energy efficiency saves water
- Programs
 - Lawn-to-Garden
 - Rebates
 - Certified Blue Restaurant Program
 - Multi-family
 - CII



Lawn to Garden

Lawn to Garden

- Incentive of \$2.50/sf
- 1,500 sf maximum
- 65% plant coverage requirement
- No turf grass, synthetic turf, or non permeable hardscape allowed

Smart Irrigation Program (Drip)

- Incentive of \$0.50/linear foot
- 1,500 linear feet maximum

Refresh

- Resources for non-participants
- Landscaper education and training
- Parkway only program
- Watershed Friendly Gardens
- DAC outreach and assistance



Certified Blue Restaurant Program

Recognize restaurants that have achieved exceptional water efficiency

- Free on site survey for all applicants
- Efficient devices are offered when applicable
- Fourteen restaurants have applied to become certified since launching August 2017

Water Savings:

- A restaurant could save 37,000 gallons per faucet annually just by switching out a 2 gallons per minute (gpm) faucet with a 0.5 gpm aerator provided through the program

Restaurant Recognition:

- Restaurants are featured on various marketing channels including social media and quarterly newsletter



LiveH2OLB

Statewide Shift

- to Long Term Water Use Efficiency
- Governor's Declaration

LBWD Response

- Mission Accomplished?
- Commitment
- Continued outreach to provide community support

Tactics

- Hacks
- Merchandise
- AR programs
- Spotify



The screenshot displays the LiveH2OLB website interface. At the top right, a weather widget shows 81°F and a 'MONDAY IS NOT A WATERING DAY' alert. The main heading is 'MAKE THE PLEDGE TO SAVE TODAY' with a hand icon. Below it, a subtext encourages users to 'Inspire, Influence and Make an Impact' by clicking on 'indoor tip' or 'outdoor tip' to make a pledge on Facebook, Twitter, or email. A grid of eight water-saving tips is presented, each with an icon and a 'Pledge' button:

- Install a low-flow showerhead
- Fix leaky faucets
- When lathering don't run the water
- Change to a high efficiency clothes washer
- Turn sprinklers off before, during and after rainstorms
- Fix broken sprinklers
- Water before 9am or after 4pm
- Use a broom to clean driveways and patios instead of a hose

Below the grid is a large banner with the text 'LiveH2OLB | YOUR WATER. YOUR FUTURE.' and a water drop icon. The bottom section features social media icons for Instagram, Facebook, and Twitter, along with the text 'More hacks at LiveH2OLB.com' and the 'Long Beach Water' logo.



Sustainability by the Numbers

- Extraordinary reduction in water use
 - 24% below 10 year average use
- Programs
 - Lawn-to-Garden
 - 3,200 participants
 - 3,240,000 square feet of turf removed
 - Rebates
 - Coin Operated Washing Machines – 4.5 WF
 - 252 replaced
 - 276 AF water saved
 - High Efficiency Toilets
 - 4,081 replaced
 - 2,008 AF water saved
 - Over 32,000 water efficient device rebates saving 5,621 AF of water



How LBWD helps you...

- **Support & resources for qualified customers**

- More information about LBWD
 - lbwater.org
- More water saving tips:
 - liveh2olb.com
 - saveourwater.com
- Rebates for high efficiency toilets and clothes washers
 - socalwatersmart.com
- Information about Lawn-to-Garden and FREE landscape class schedule
 - lblawntogarden.com
- High water bill investigation
 - 562.570.2412



— Questions? —

Follow us for more water saving tips & info!

Facebook & Instagram: @lbwater

Twitter: @LongBeachWater