



One Water & Stewardship Committee

Review of Metropolitan's Achievements in Conservation, Recycling, & Groundwater Recharge

Item 1a

January 8, 2024

Overview

Today's Public Hearing

- Required by MWD Act Section 103.5, added by legislature in 1999 (SB 60)
 - Public Hearing
 - Report to state Legislature by Feb. 1st

“...increased emphasis on sustainable, environmentally sound, and cost-effective water conservation, recycling and groundwater storage and replenishment measures”

Overview

Today's Public Hearing

- Review Urban Water Management Plan for adequacy in achieving an increased emphasis on cost-effective conservation, recycling, and groundwater recharge
 - *Review highlights of draft report to Legislature*
- Hear from knowledgeable individuals in fields of water conservation and sustainability

Review of UWMP

2020 Urban Water Management Plan

- Adopted May 2021
- Section 3: Implementing the Plan
 - 3.4 Conservation
 - 3.5 Local Resources
 - 3.6 Local Groundwater Storage

Progress of programs in UWMP are the basis of annual report to Legislature

Review of UWMP

Conservation

- Initiatives to maintain sustainable water demand levels
 - Public Education & Outreach
 - Conservation Programs
 - Residential
 - Commercial, Industrial, and Institutional
 - Metering
 - Research & Development
 - Asset Management

Review of UWMP

Local Resources

- Initiatives to increase local water supply
 - Local Resources Program
 - On-Site Retrofit Program
 - Stormwater Pilot Programs
 - Pure Water Southern California
 - Future Supply Actions

Review of UWMP

Local Groundwater Storage

- Initiatives to maximize the use of local groundwater storage and production
 - Imported water deliveries for aquifer recharge and seawater barrier protection
 - LRP funding for recycled water groundwater recharge & groundwater recovery projects
 - Conjunctive Use Program
 - Cyclic Storage Program
 - Participation in local watershed initiatives

Review of Draft Report to Legislature

Key Accomplishments in FY 2022/23

- Secured \$49.5 million in grants from DWR and USBR
- A new LRP project commenced operation
- Received \$80 million from the state of California to advance Pure Water Southern California

Review of Draft Report to Legislature

Cumulative Investment as of FY 2022/23

	Investment	Acre-Feet
Conservation	\$910 Million	3,898,000
Recycled Water	\$539 Million	3,130,000
Groundwater Recovery	\$198 Million	1,224,000
Total	\$1.6 Billion	8,252,000

Conservation Highlights in Fiscal Year 2022/23

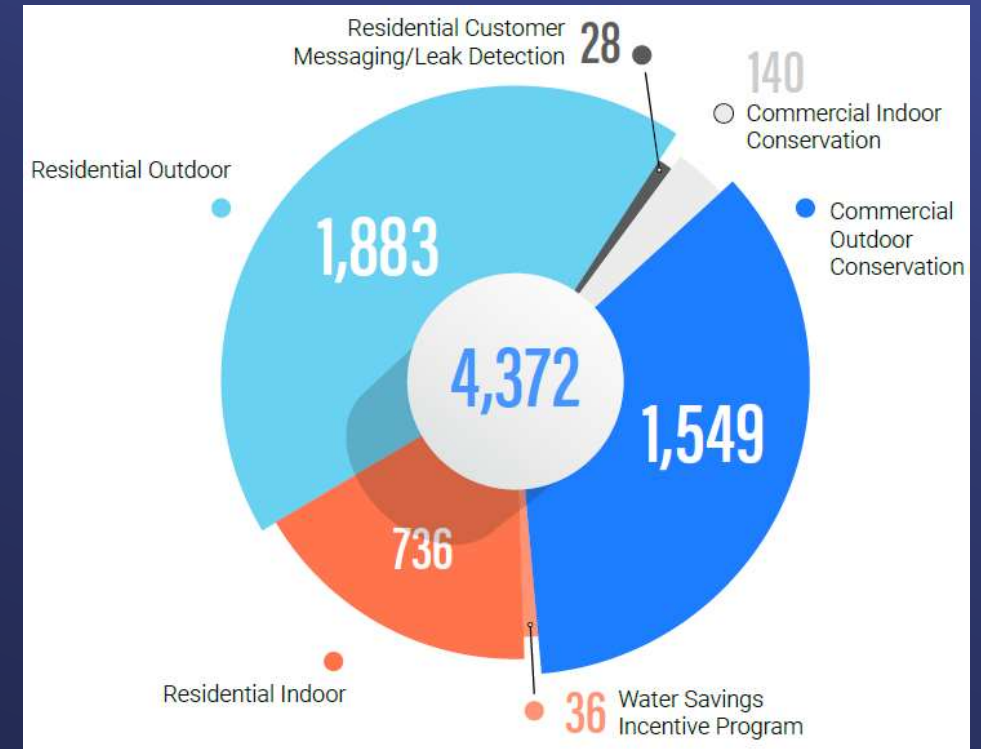
Investing in programs to help residents and businesses improve water-use efficiency

- \$46 million in fiscal year 2022/23
 - Rebates
 - Landscape and irrigation classes
 - Research
 - Outreach

Conservation Highlights in Fiscal Year 2022/23

Rebate programs have been instrumental in achieving regional water savings

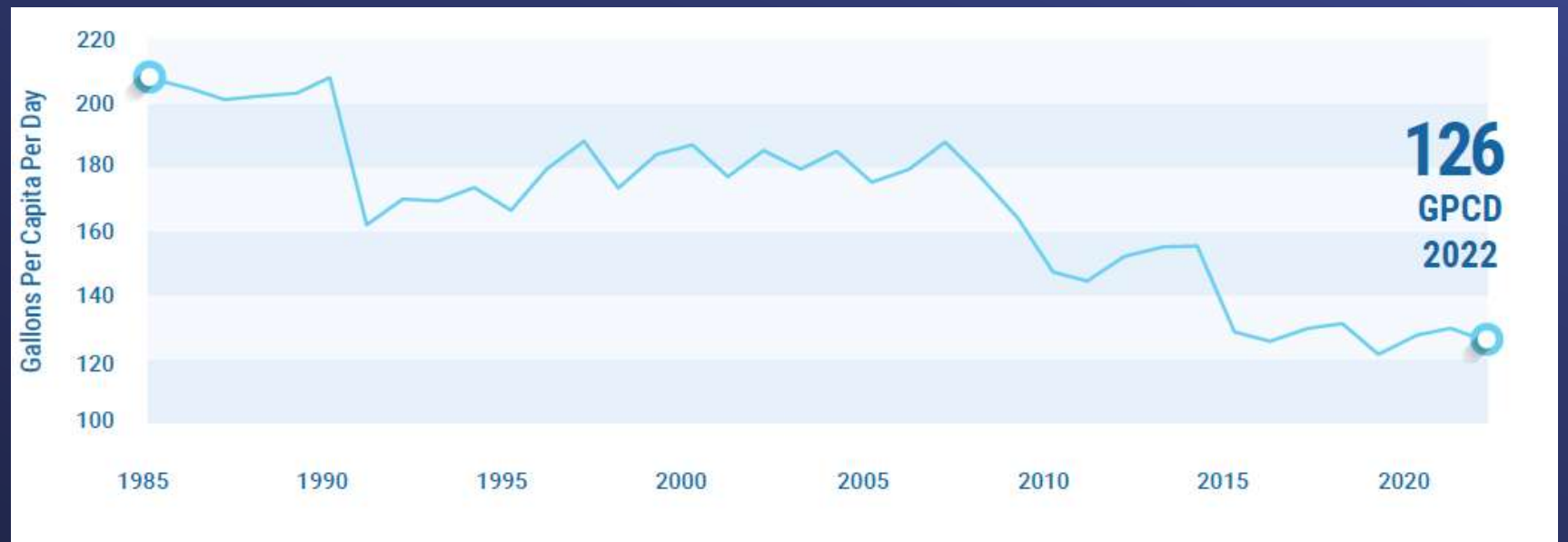
- Approximately 207,000 acre-feet of water saved through rebate programs
- ~4,372 acre-feet from new devices



Savings from new devices in FY 2022/23 (Acre-feet)

Conservation Highlights in Fiscal Year 2022/23

Potable per capita water use has declined
by nearly 40 percent since 1990



Metropolitan's strong presence on multimedia platforms promotes regional conservation

Conservation Highlights in Fiscal Year 2022/23



The Local Resource Program has helped develop regional local water supply

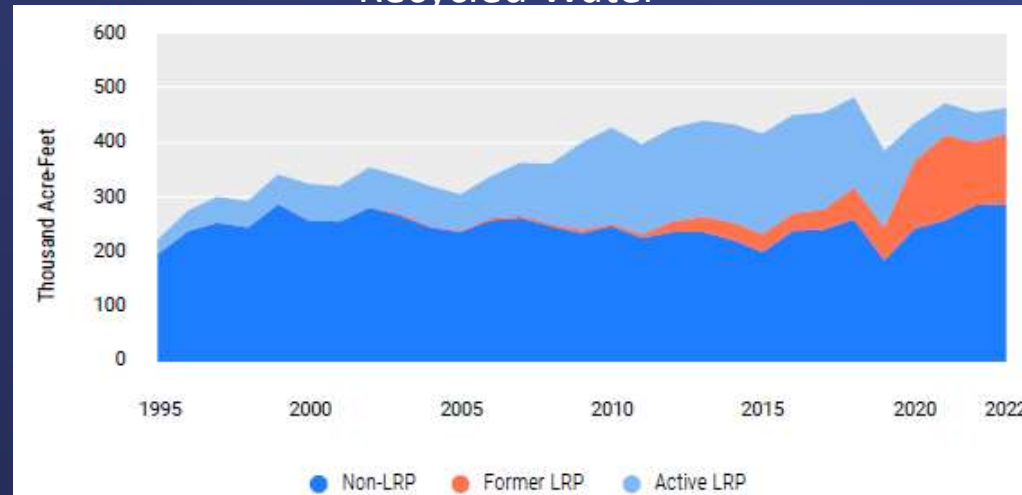
Local Resources Highlights in Fiscal Year 2022/23



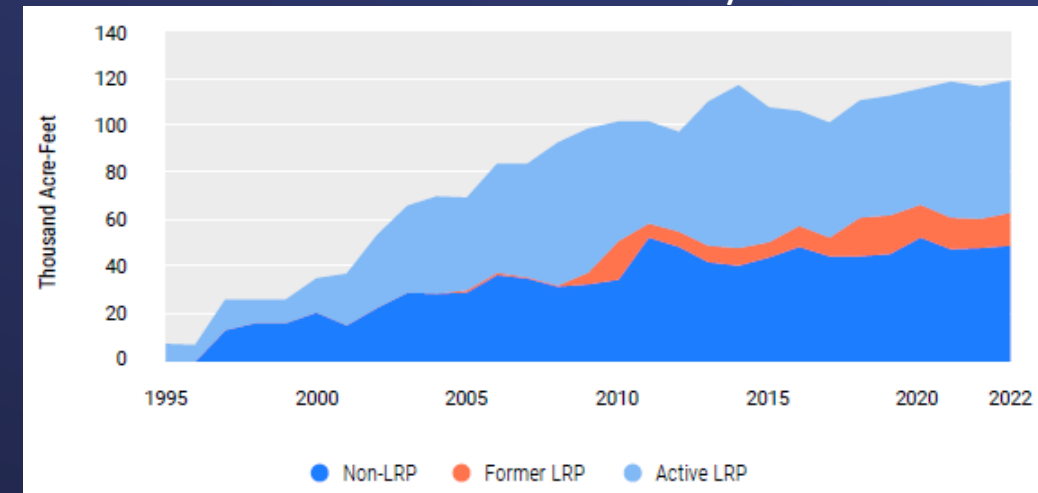
Local Resources Highlights in Fiscal Year 2022/23

LRP drives growth in recycled water and recovers groundwater production

Recycled Water



Groundwater Recovery



Pure Water Southern California environmental planning phase nears completion

Local Resources Highlights in Fiscal Year 2022/23



Groundwater Recharge Highlights in Fiscal Year 2022/23

Metropolitan helps sustain local groundwater basins

- ~49 TAF of imported water delivered to replenish local groundwater basins and prevent seawater intrusion
- LRP recycled water projects provide about 100 TAF annually for groundwater replenishment and seawater barrier

Additional Highlights and Details are in the Draft Report



Next Steps

Metropolitan will:

- Review and incorporate comments received today
- Submit Report to Legislature by Feb. 1st

