

LOCAL RESOURCES PROGRAM,
ON-SITE RETROFIT PROGRAM &
STORMWATER FOR DIRECT USE
PILOT PROGRAM

AUGUST 24, 2021

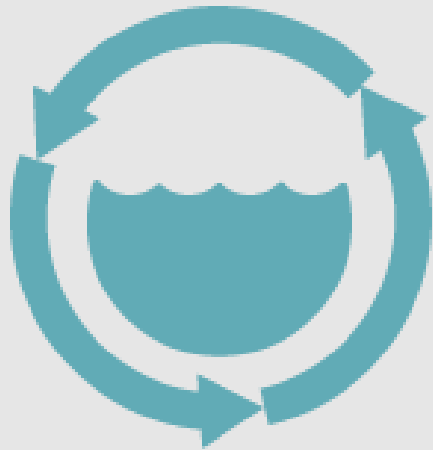




LOCAL RESOURCES PROGRAM

Local Resources Program

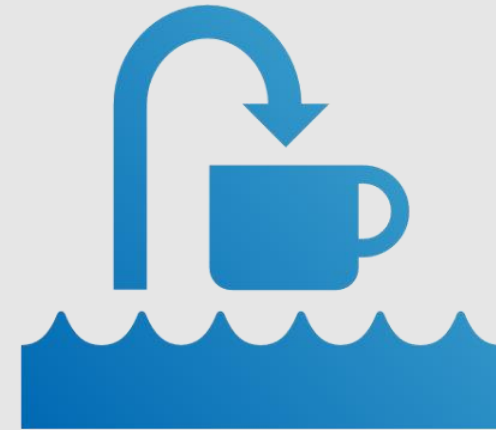
Provides incentives for Metropolitan's member agencies to develop new local projects to reduce demand on imported water deliveries.



Recycled
Water
(1982)



Groundwater
Recovery
(1991)



Seawater
Desalination
(2014)

Local Resources Program Benefits

Benefits all member agencies
regardless of project location



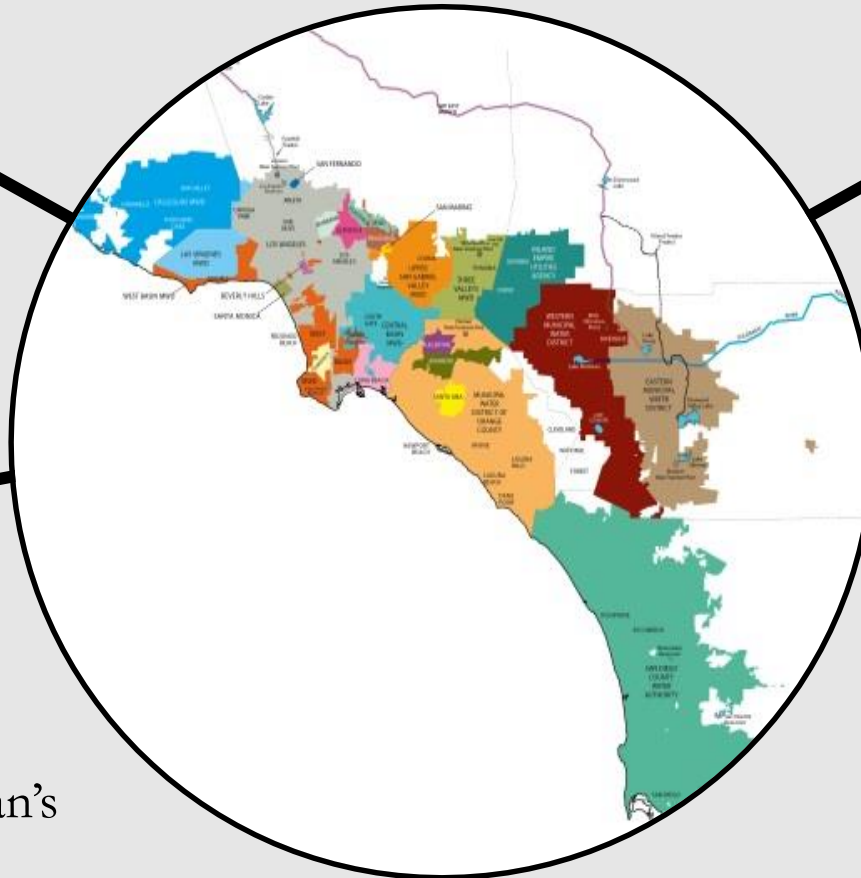
Increases regional water supply
reliability



Reduces demand for imported
water supplies

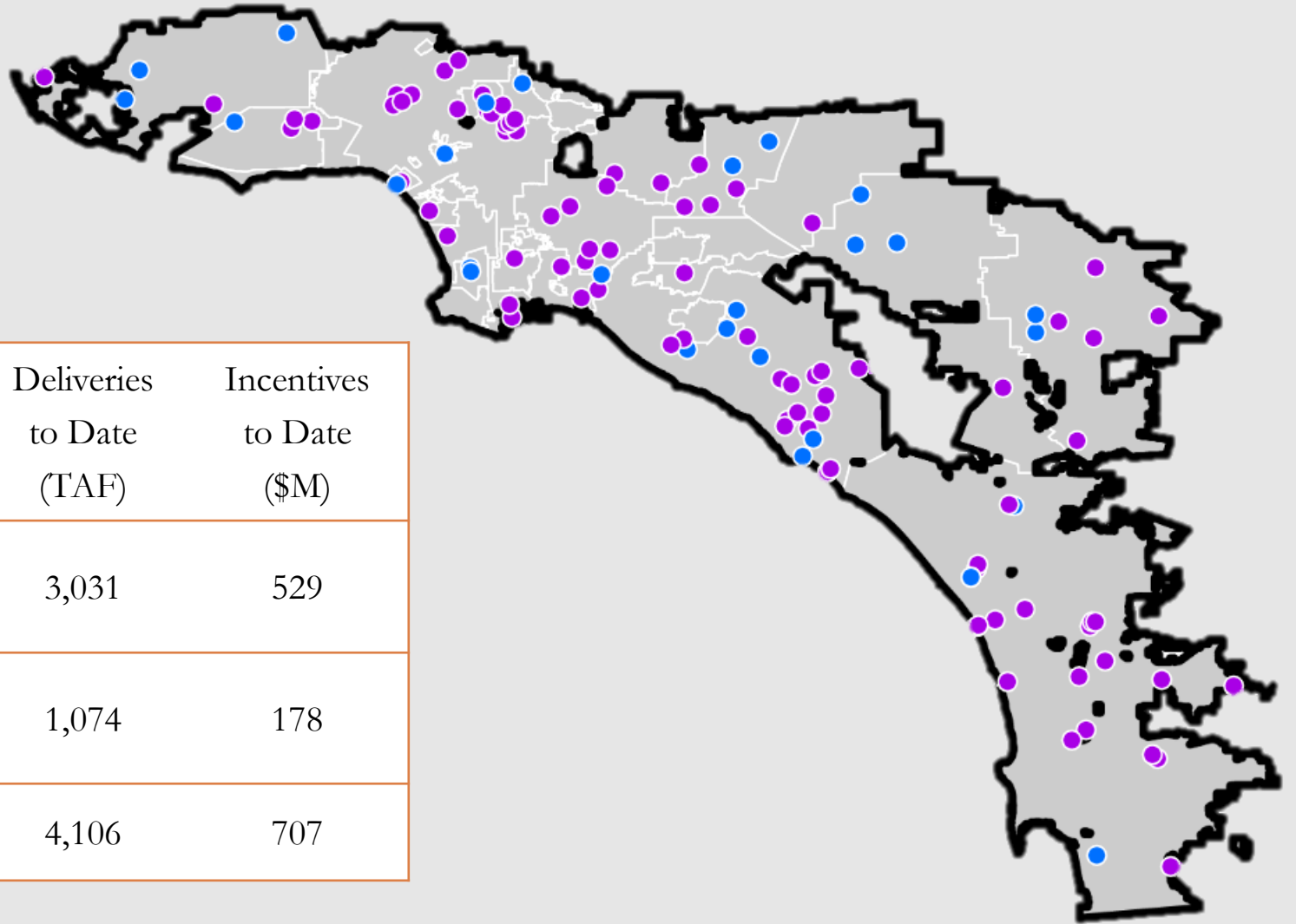


Decreases the burden on Metropolitan's
infrastructure



Legislative Mandate (SB
60 - 1999)

Local Resources Program Projects



Type	Number of Projects	Contract Yield (TAFY)	Deliveries to Date (TAF)	Incentives to Date (\$M)
● Recycling	88	359	3,031	529
● GW Recovery	28	125	1,074	178
Total	116	483	4,106	707

Incentive Payment Structure

Payment Structure Alternatives	Maximum* Incentive Amount	Payment Period
1 – Sliding Scale	\$340/AF	25 years
2 – Sliding Scale**	\$475/AF	15 years
3 – Fixed Incentive Rate	\$305/AF	25 years

* Pay for project water used

** Project must produce for 25 years





ON-SITE RETROFIT PROGRAM

Program Goals

- Provide incentives to convert on-site potable water to recycled water
- Expedite increased recycled water use
- Be a catalyst for recycled water conversion



Who Can Apply?

- Irrigation
 - HOAs
 - Golf Courses
 - Schools
 - Cemeteries
 - Landscaping
 - Parks
- Industrial
 - Cooling towers
 - Dust control
 - Boiler water



Requirements

- Applications are first-come, first-serve
- Must offset a demand on Metropolitan's potable water system
- Minimum of 1 AFY of potable water use (15,000 SF of irrigated area)
- Sites must not already be under construction
- Accept OSRP terms and conditions
- Recycled water must be available at the project site for use *



How It Works



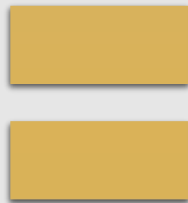
Irrigation, commercial, and industrial projects



On-line Application



Terms & Conditions



Incentive up to \$195/AFY for 5 years

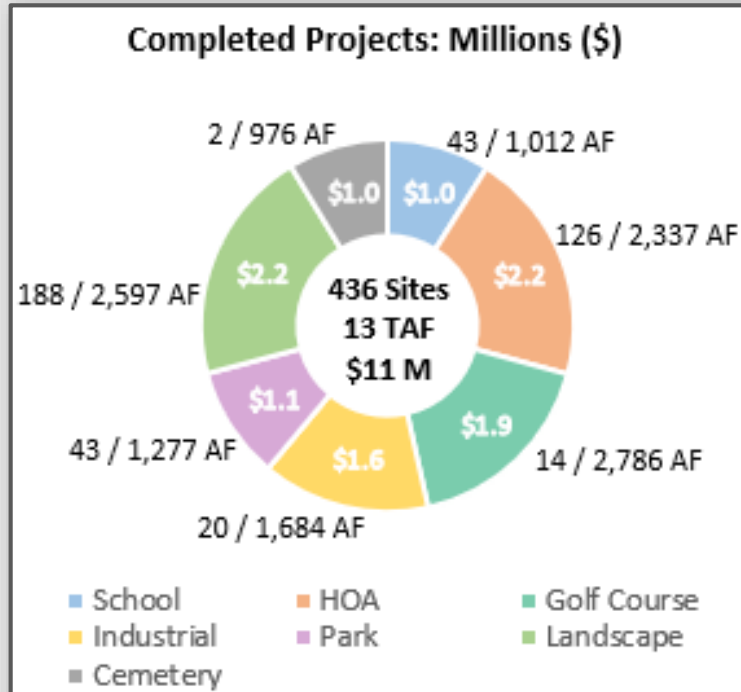


Inspection

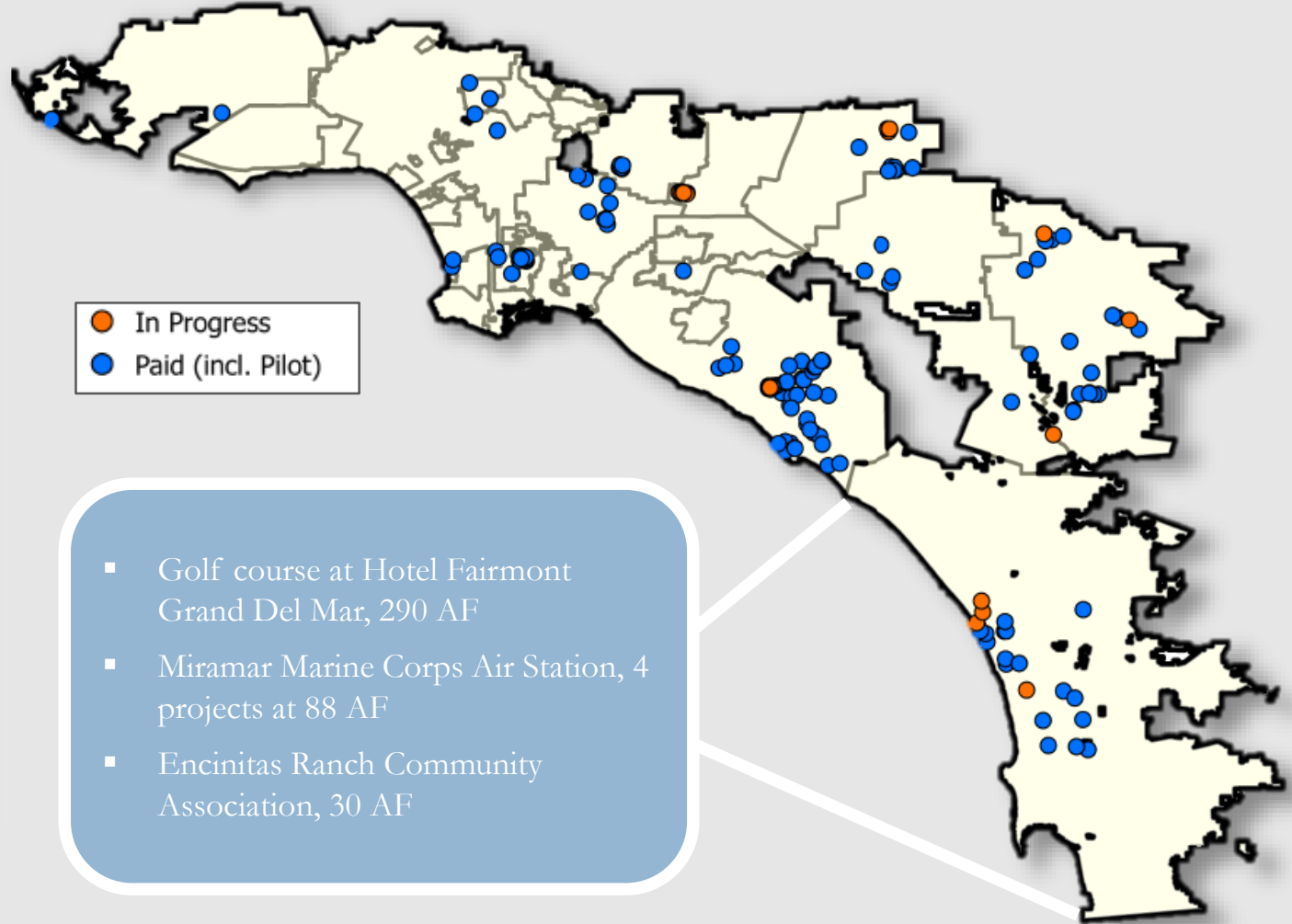
Process



Program Status



Current FY20-21 budget = \$2 Million





STORMWATER FOR
DIRECT USE PILOT
PROGRAM

Program Details

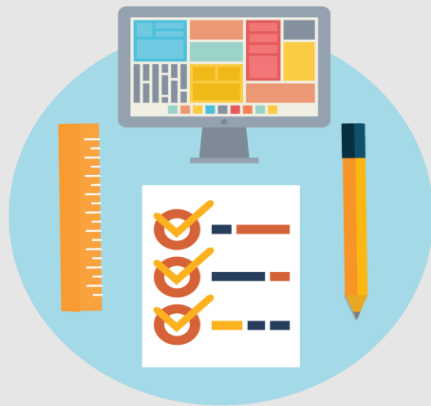
Capture actual costs and volumes of stormwater projects



Encourage development and monitoring of stormwater projects



Evaluate the water supply benefit



Pilot Program Highlights



Program Launch

- January 2020



Project Sites

- Public
- Private, non-residential



Project Types

- New Construction
- Retrofit

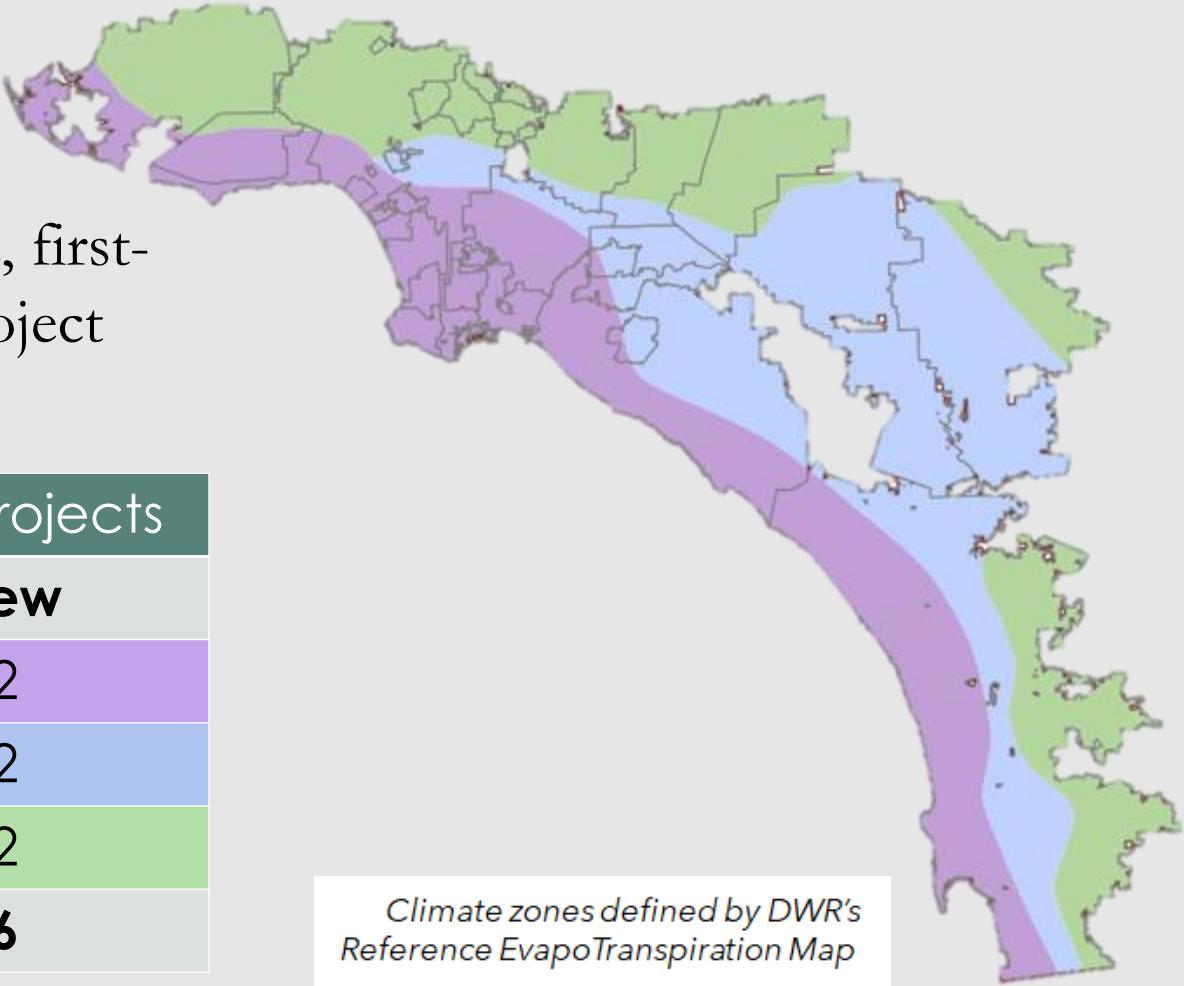
Project Criteria

- Must be for direct-use
 - On-site capture or storm drain diversion
- Have an estimated minimum design capture and use of **1 acre-foot per year**
- Include meter(s) for measurement of capture and use
- Submit completed CEQA
- Submit project schedule
- Submit original project construction costs at time of application (retrofit only)

Project Selection

Application process: first-come, first-served based on zone and project type

Zone	Number of Desired Projects	
	Retrofit	New
Coastal	3	2
Mid	3	2
Inland	3	2
Total	9	6

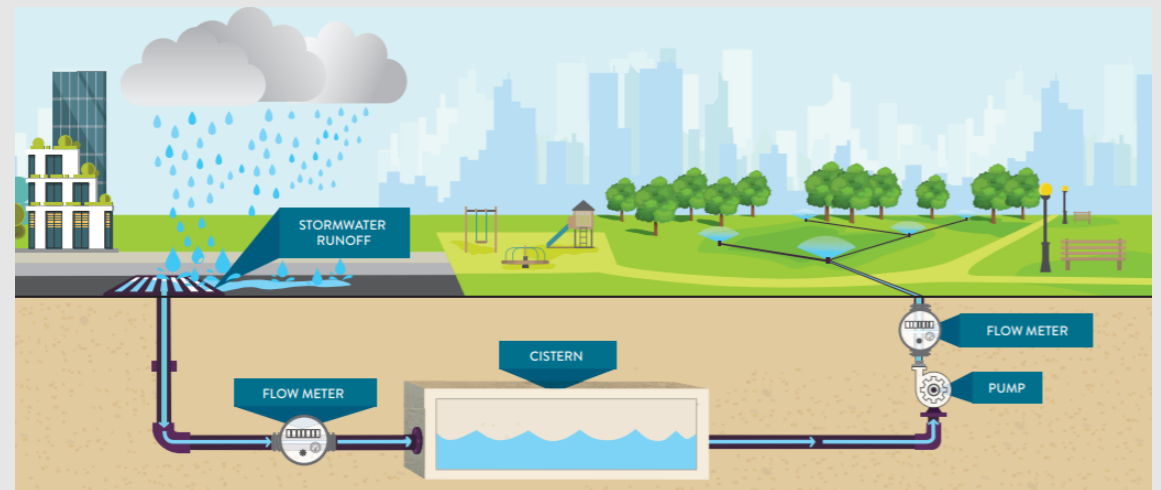


Funding Structure

PROJECT TYPE	FUNDING COMPONENTS	
	Construction/Installation	Monitoring & Reporting
Retrofit	Up to \$100,000 of eligible costs (design, material, installation)	\$20,000/report
	Capped at \$160,000/project	
New Construction	1:1 match, up to \$440,000 of eligible costs (design, material, construction)	\$20,000/report
	Capped at \$500,000/project	

Once a Project is Approved

- Construction/Installation Period: 1-2 years
 - Required deliverables:
 - Quarterly invoices
 - Quarterly progress report
- Monitoring period: 3 years
 - Required deliverables:
 - Annual monitoring reports
 - Annual database collection
- Payment Process
 - WINS credit
 - Direct payment to project owner



Monitoring Period Information

- Annual monitoring reports
 - Amount captured and applied
 - Capture frequency
 - Frequency of application
 - Detention time
 - Type of meter
 - Details on how the captured stormwater is managed and beneficially used

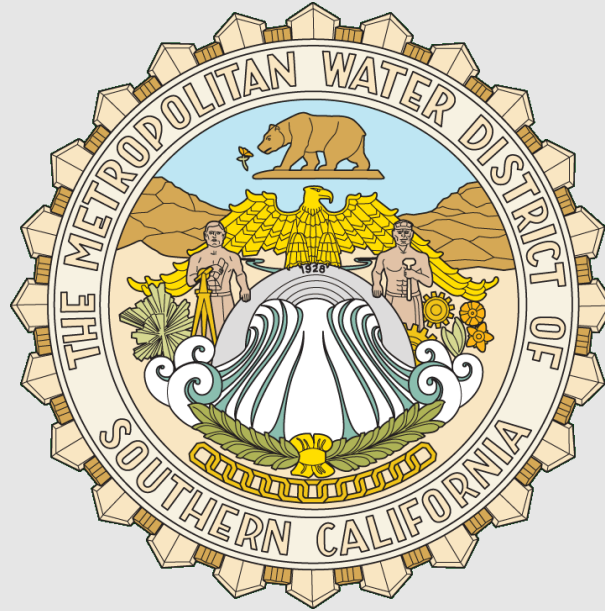


- Annual database collection
 - Year-round continuous flow monitoring
 - Inflow and outflow meter reads
 - Daily precipitation data
 - Project site
 - CIMIS weather station





THANK YOU!



Local Resources Program

[https://www.mwdh2o.com/
planning-for-tomorrow/funding-
opportunities/](https://www.mwdh2o.com/planning-for-tomorrow/funding-opportunities/)

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On-Site Retrofit Program

[http://www.bewaterwise.com/
on-site-retrofit-program.html](http://www.bewaterwise.com/on-site-retrofit-program.html)

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Stormwater for Direct Use Pilot Program

[https://www.mwdh2o.com/
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