

# ON-SITE RETROFIT PROGRAM & STORMWATER FOR DIRECT USE PILOT PROGRAM

*JUNE 23, 2021*







# 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

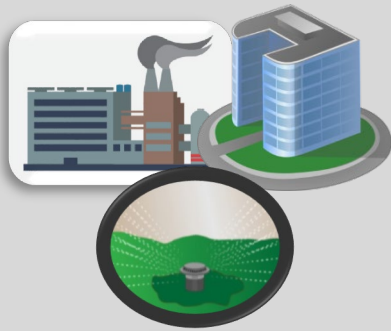


# Requirements

- 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



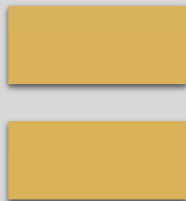
**Irrigation, commercial, and  
industrial projects**



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**Terms &  
Conditions**

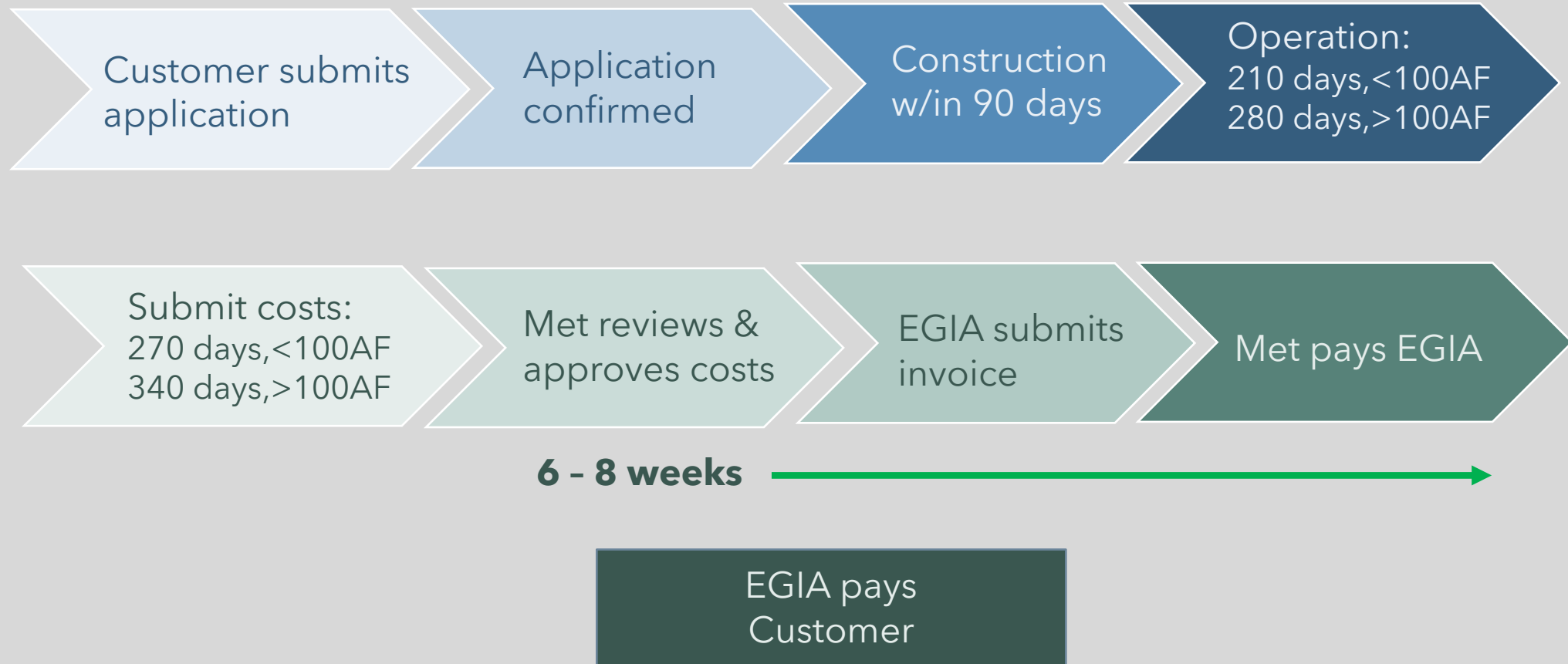


**Incentive up to  
\$195/AFY for 5 years**



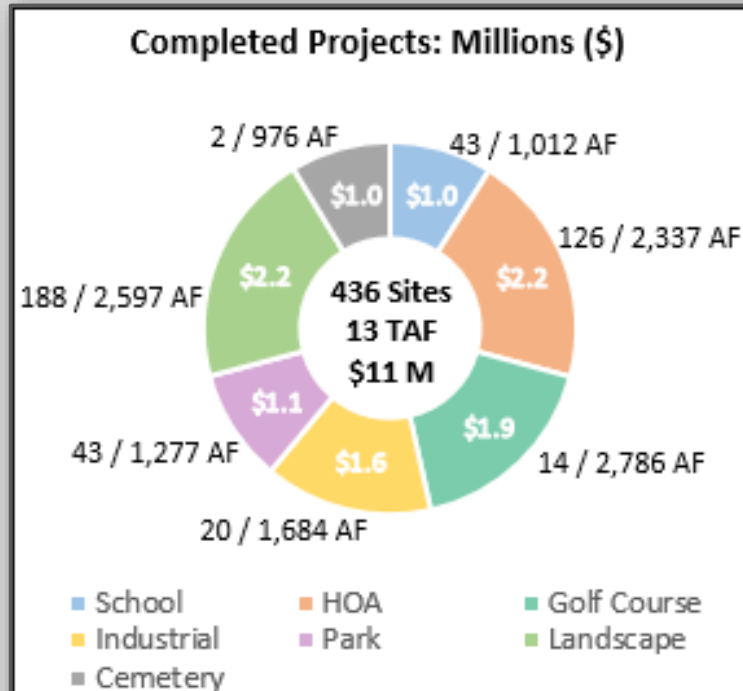
**Inspection**

# Process

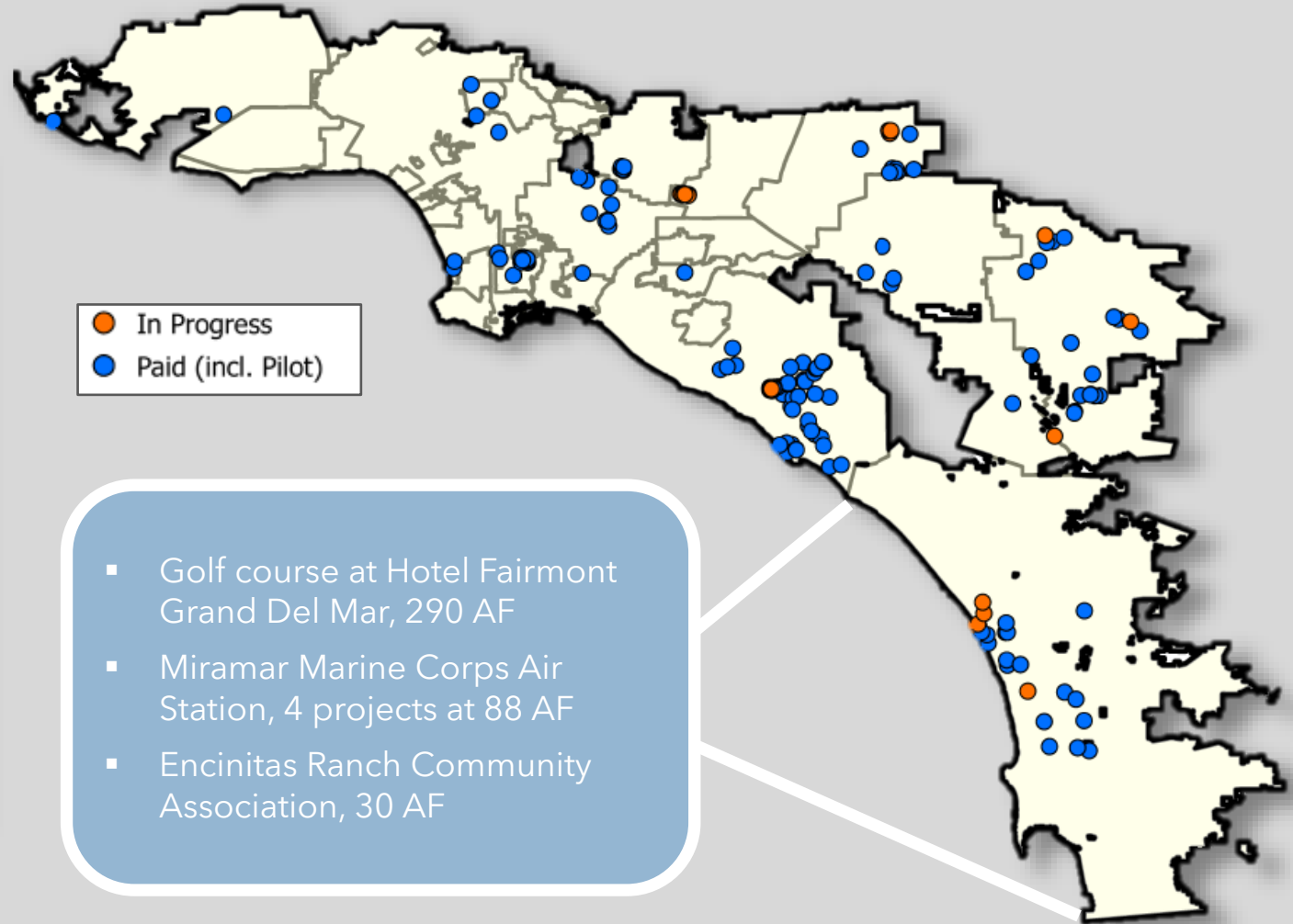




# Program Status



Current FY21-22 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



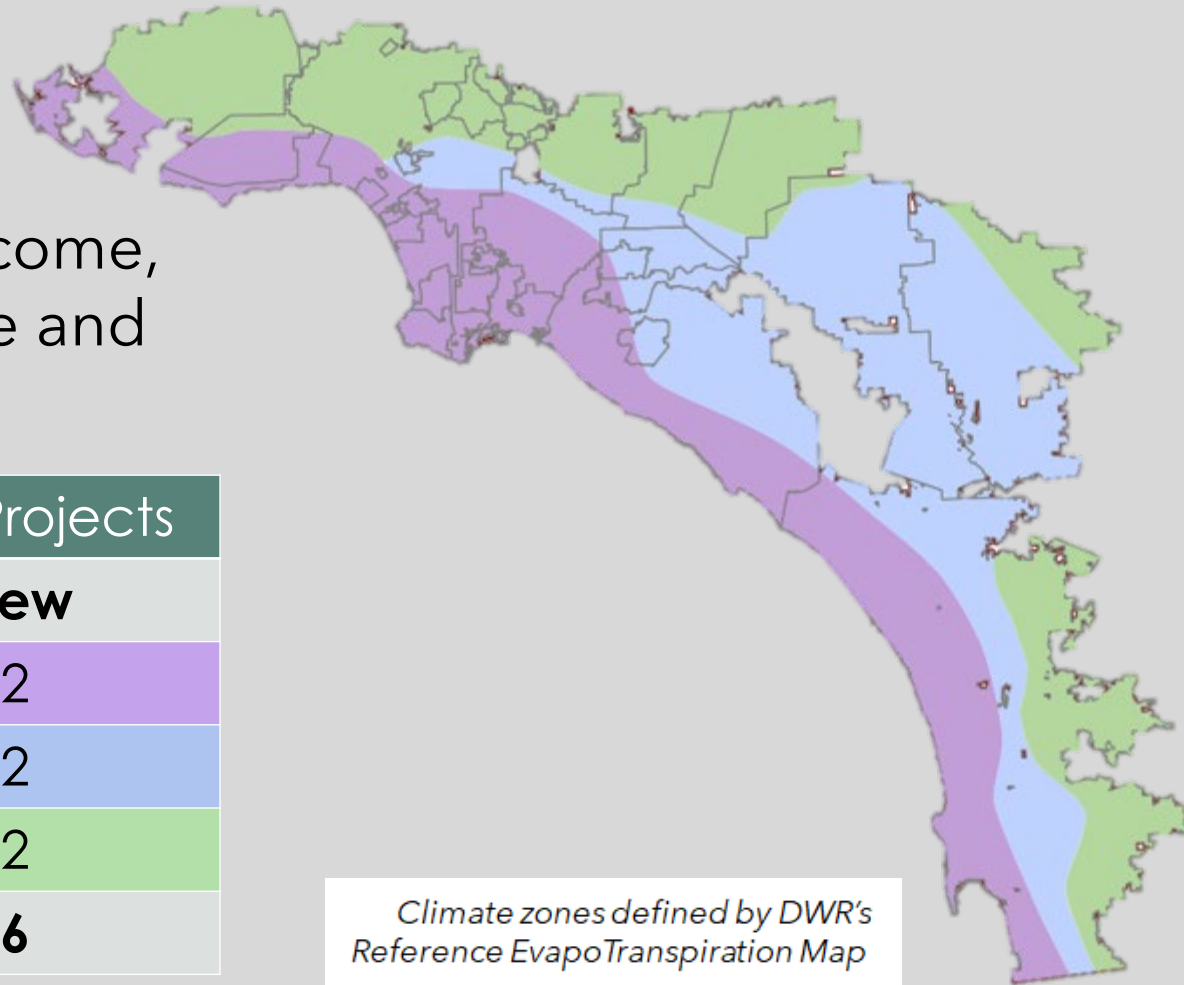
# Project Criteria

- 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
<b>Total</b>	<b>9</b>	<b>6</b>



*Climate zones defined by DWR's  
Reference EvapoTranspiration Map*

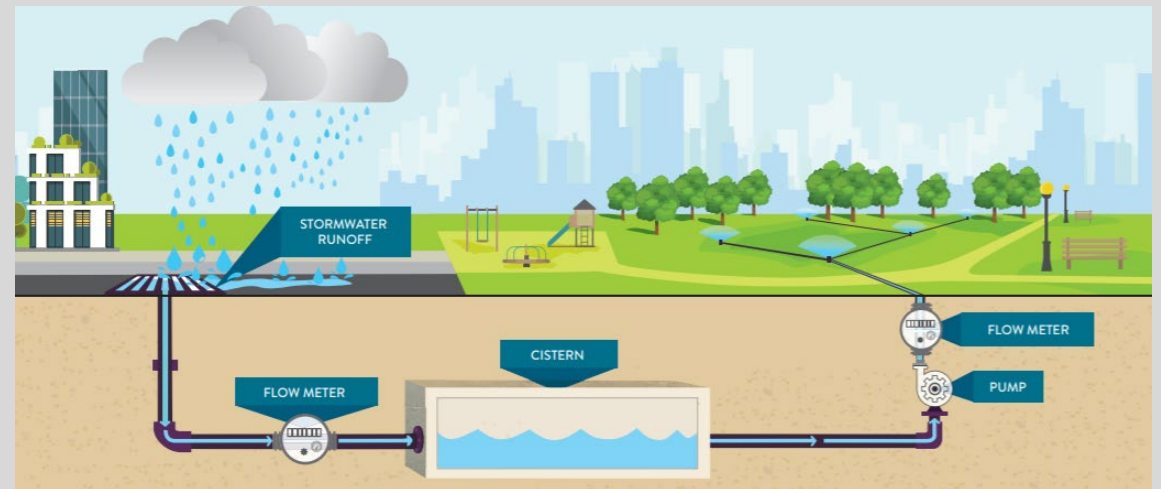
# Funding Structure

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	



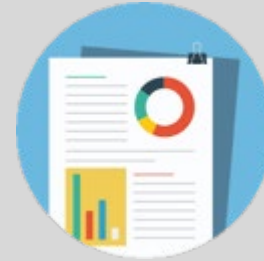
# Once a Project is Approved

- 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

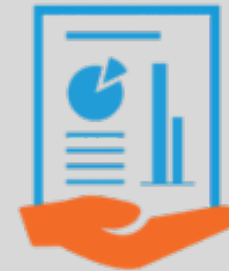


# Monitoring Period Information

- 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







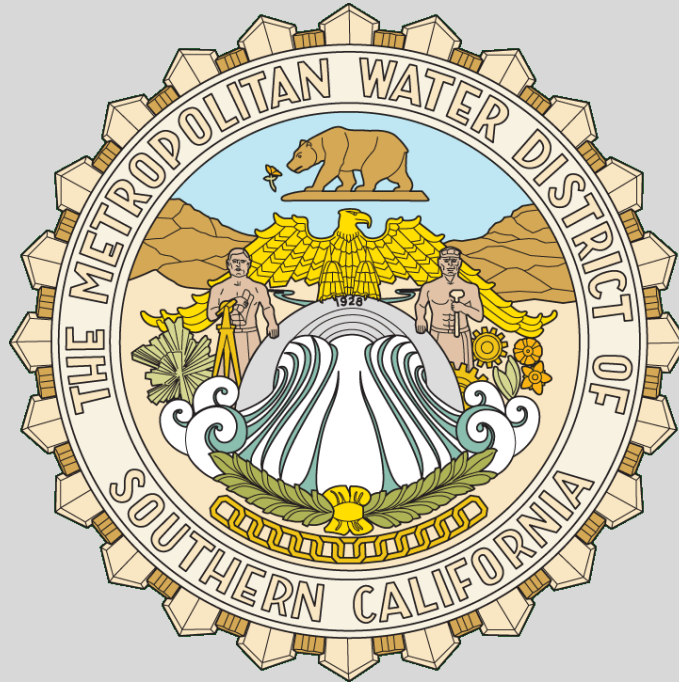
THANK YOU!



## **On-Site Retrofit Program**

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<http://www.bewaterwise.com/on-site-retrofit-program.html>



## **Stormwater for Direct Use Pilot Program**

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