



# Update on Stormwater Pilot for Direct Use

Conservation and Local Resources Committee

Item 4c

May 14, 2019

# Background

- Active role in development of local supplies in Metropolitan's service area
  - **Local Resources Program (LRP)**



Groundwater



Recycled Water



Seawater



Stormwater

- Southern California Water Coalition (SCWC)
  - **Whitepaper findings**

# Stormwater Considerations



- Costs
- Metering
- Data collection
  
- Supply yield
- Flood mitigation
- Habitat creation
- Water quality improvement



# Proposed Stormwater Pilots

## DIRECT USE PILOT



- Capture on-site
- Non-potable uses
- Cisterns

## RECHARGE PILOT



- Centralized
- Capture from drainage system
  - Replenish groundwater basins
  - Spreading basins



- Distributed
- Capture on-site
  - Replenish groundwater basins
  - Green streets



# Pilot Program Purpose

Provide incentives to encourage development of stormwater projects



Collect data and evaluate water supply benefit



Evaluate participation





# Pilot Program Elements

## Proposed Budget

- \$5 million
- Maximum of \$500,000/project



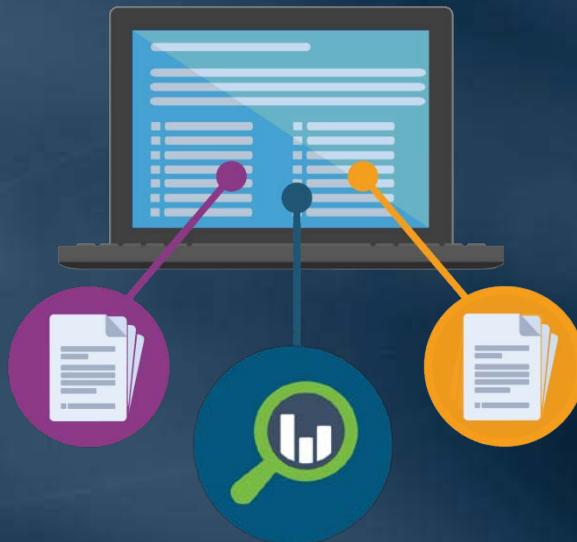
## Proposed Duration

- Anticipated start: September 2019
- Application period: up to 2 years
- Construction and monitoring: 5 years



# Potential Pilot Program Framework

- Participation
- Administration & Funding
- Monitoring & Reporting



# Participation

- Public/private sites (non-residential)
- Outreach
  - Member Agency Managers' (MAM) Meeting
  - Informational webinar





# Administration & Funding

- Three-party agreement
- Payment
  - Through member agency
  - Directly to customer
- Reporting



# Monitoring & Reporting

- Collect three years of monitoring data
- Submit three reports
  - **Due at fiscal year-end**



# Proposed Pilot Program Criteria

- Project must:

- Have an estimated minimum capture and reuse of 1 acre-foot per year
- Include metering/measurement of capture and reuse
- Offset potable water use
- Not be already under construction\*
- Be within Metropolitan's service area

\*Existing and projects under construction may be eligible for monitoring component and consideration on a case-by-case basis



# Proposed Pilot Program Incentive

## Construction

Up to 50% (1:1 match) of eligible project costs (e.g. construction, metering, etc.)

+

## Monitoring & Reporting

\$20,000/report (total of 3 reports)

Capped at \$500,000/project

# Proposed Pilot Program Process





# Discussion

- Does the proposed funding structure encourage project development?
- Is the monitoring duration adequate?
- Should member agencies be involved in project administration?

# Next Steps

- Incorporate feedback from the Committee
- Discuss with Member Agency Managers in May
- Follow up with written information and action items to WP&S Board

