Stormwater Pilot Program

SCWC STORMWATER WORKSHOP

SEPTEMBER 27, 2019

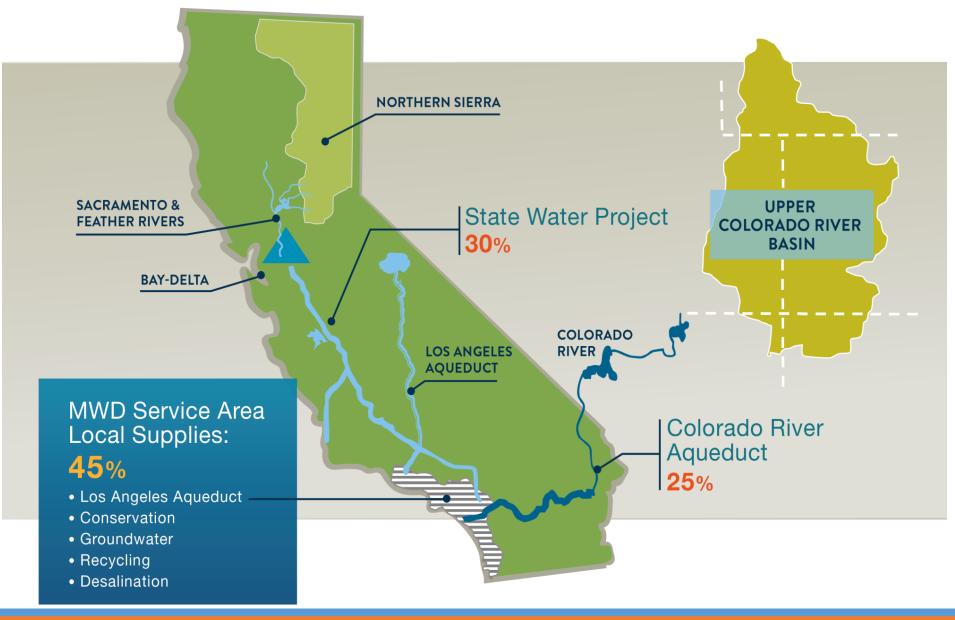
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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

ABOUT METROPOLITAN



CURRENT SOURCES FOR SOUTHERN CALIFORNIA



Understanding of Stormwater Where we're going

How can Metropolitan incentivize stormwater projects?

- Stormwater Direct Use Pilot
 - Approved in September 2019
- Stormwater Recharge Pilot
 - What is the relationship between capture and yield?
 - Roll-out of proposed Stormwater Recharge Pilot criteria

Outline for Discussion

- •Stormwater Direct Use Pilot
- •Capture vs. Yield

Proposed Stormwater Recharge Pilot Criteria

- Eligibility requirements
- Program criteria
- Funding structure
- Pilot program implementation

Stormwater Direct Use Pilot





Program Start

- Approved by Board in September 2019
- Application period starts January 2020

Budget

• \$5.0 million

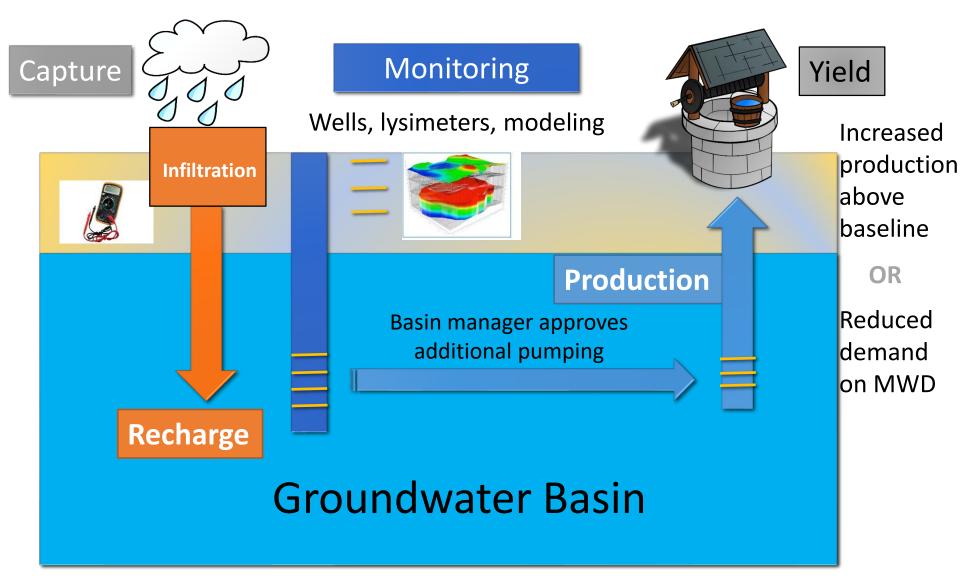


Eligible Projects

- Public/private sites
- New construction and retrofit



Capture vs. Yield



Proposed Stormwater Recharge Pilot Criteria

Stormwater Recharge Pilot Proposed Eligibility Requirements

- Open to all member agencies
 - Non-MWD agencies must partner with MAs
- Public/private sites (non-residential)
- New construction or monitoring equipment installation projects





Item 4b Slide 9 STORMWATER PILOT PROGRAM



Stormwater Recharge Pilot Proposed Program Criteria

Must have an estimated capture of at least 40 AFY

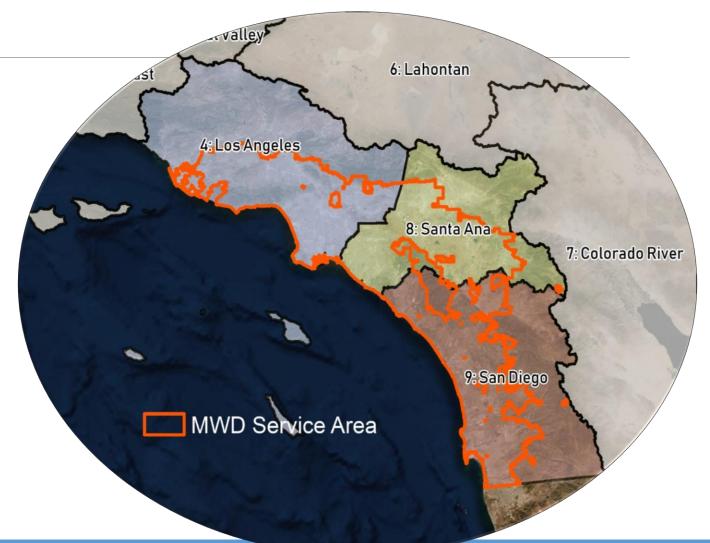
Must be new water

Must be with Metropolitan's service area Must have right to capture water Increases total recharge to a groundwater basin

Does not impact downstream users

Stormwater Recharge Pilot Proposed Project Criteria – Regional Distribution

- •No more than 5 projects from any Regional Board area
- •No more than 2 projects per groundwater basin
- Additional projects will be placed on a waiting list



Stormwater Recharge Pilot Proposed Program Criteria - Monitoring & Reporting

- Collect at least 3 years of monitoring data
 - Measure capture and recharge
 - Demonstrate how stored water recharges usable groundwater
 - Show how groundwater production will increase
 - Assess cost data related to water supply
- Submit at least 3 annual reports



Pilot Program Elements

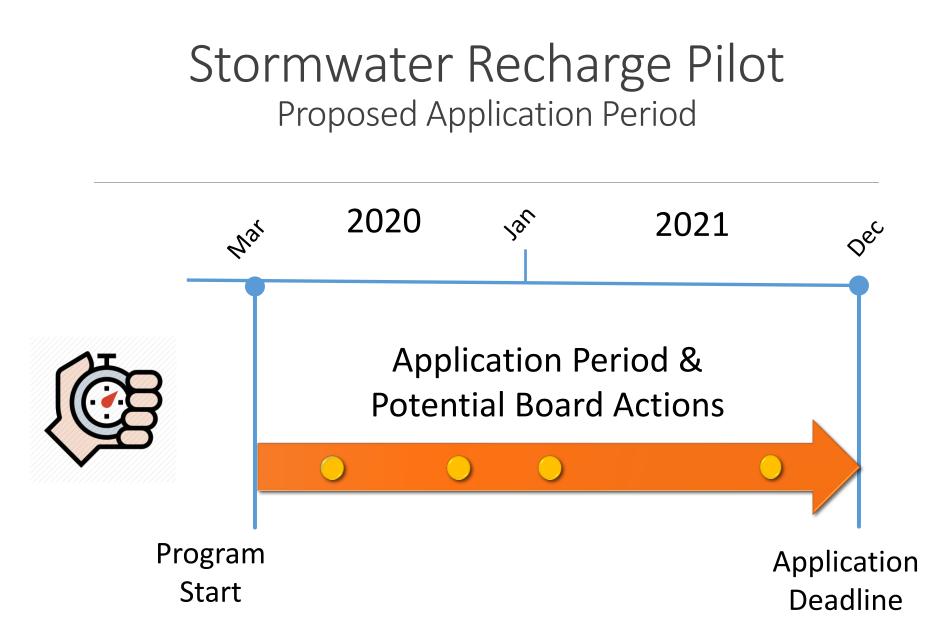
Proposed Budget

- Up to 10 projects
- \$7.5 million
- Maximum of \$1 million/new construction (including monitoring)
- Maximum \$500,000 per monitoring retrofit installation

Proposed Duration

- Anticipated start: March 2020
- New project construction duration: up to 3 years
- Retrofit monitoring installation: up to 1 year
- Minimum monitoring for all projects: at least 3 years





Next Steps

- Metropolitan Board approval this fall
- Continue discussions with member agencies and pursue other outreach opportunities
- Prepare for application period in March 2020



Questions???

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