



Authorize entering into a Stormwater for Recharge Pilot Program Agreement with Central Basin Municipal Water District and the City of Bell Gardens – John Anson Ford Park Infiltration Project

Water Planning and Stewardship Committee
Item #7-3

February 8, 2021

Stormwater Pilot Programs

Direct Use Pilot Program



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

Recharge Pilot Program



- Capture on-site or from drainage system
- Potable use
- Replenish groundwater basins

Stormwater Recharge Pilot Program

Purpose



Study relationship between stormwater capture and water supply yield



Gather additional flow monitoring data for stormwater projects



Evaluate how Metropolitan can participate in stormwater recharge projects

Recharge Pilot Program Highlights



Board Approval

- November 2019 - \$7.5 million



Pilot Launch

- March 2020

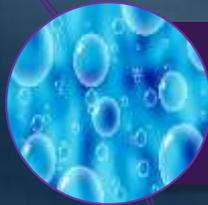


Project Types

- New Construction: Up to \$1,000,000
- Monitoring Equipment Installation: Up to \$500,000

Recharge Pilot Program Criteria

Must have an estimated capture of at least 40 AFY



Must have right to capture water

Must be new water supply



Increases total recharge to a groundwater basin

Must be in Metropolitan's service area



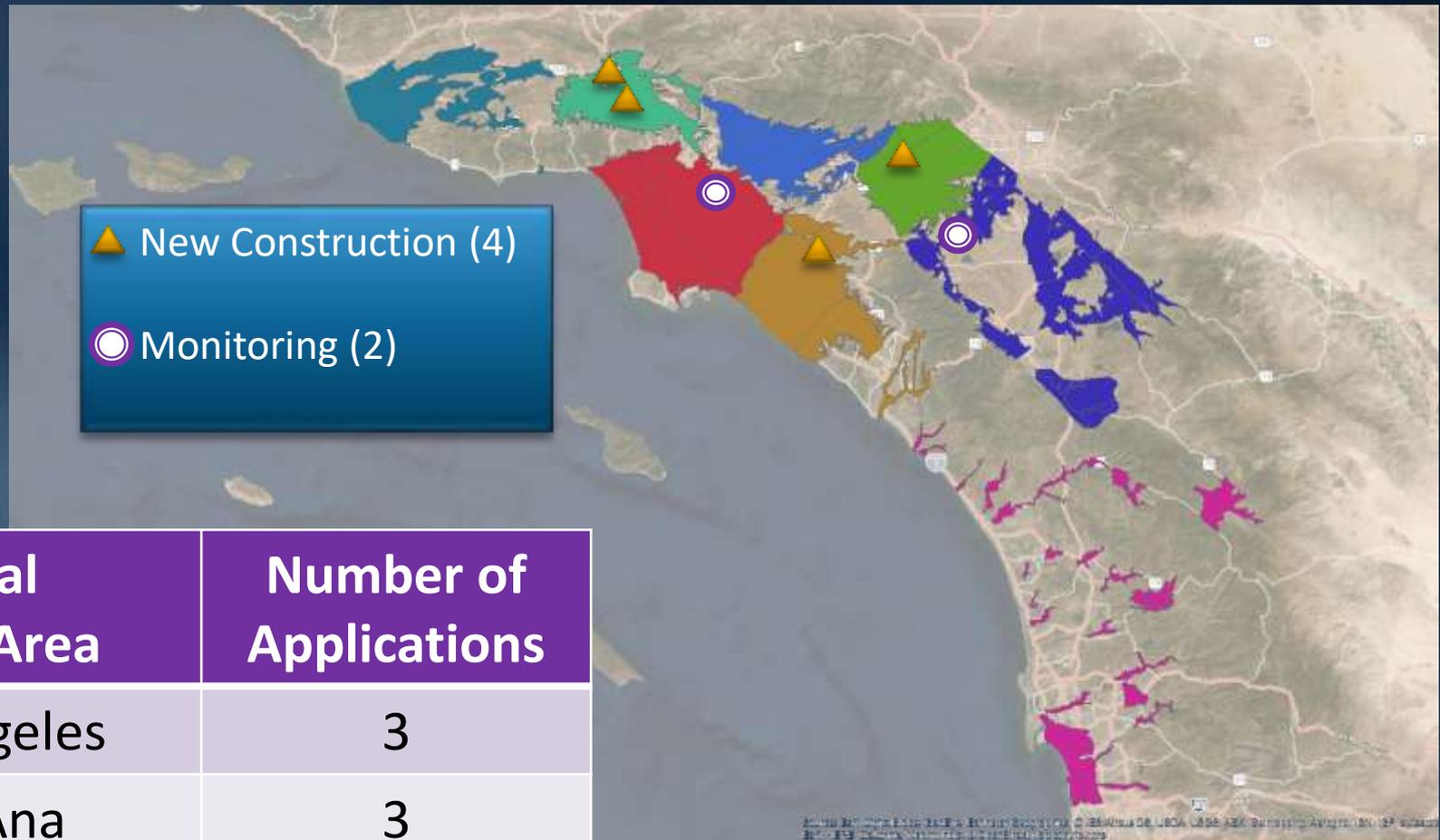
Does not impact downstream users

Pilot Program Criteria (cont.)

- 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



Applications Received to Date



Regional Board Area	Number of Applications
Los Angeles	3
Santa Ana	3
San Diego	0

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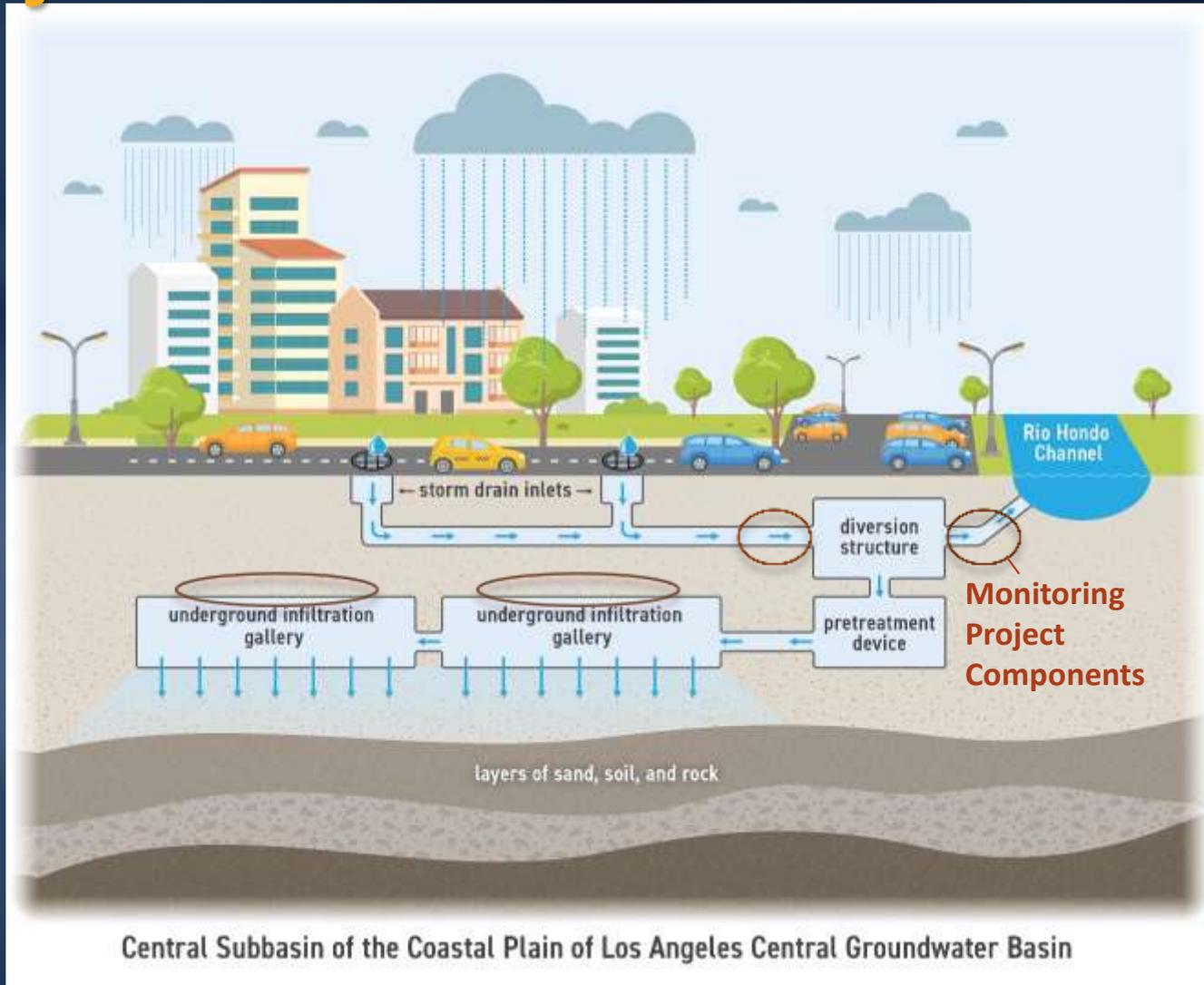
Central Basin Municipal Water District and the City of Bell Gardens John Anson Ford Park Infiltration Cistern Project

Project Overview

- 12.5-acre recreational park
- Located in the City of Bell Gardens
- Central groundwater basin
- Design capture of 1,200 acre-feet per year



Project Details



Source: John Anson Ford Park Infiltration Cistern Project to Capture Urban Runoff Initial Study, June 2019

Proposed Project Tasks

- Task 1 – Monitoring Equipment Installation
 - Installation of meters and sensors
 - Perform groundwater modeling
- Task 2 – Monitoring/Reporting
 - Monitor water levels
 - Report on modeling results
 - Evaluate increase in storage and groundwater production
 - Submit three annual monitoring reports

Agreement Terms

- Recharge Program criteria are met
- Performance Provisions:
 - Completion of installation
 - Monitoring period
 - Agreement term
- \$500,000 maximum Metropolitan contribution
 - Installation: \$350,000
 - Monitoring/Reporting: \$150,000

Board Options

Option #1:

- Review and consider the Lead Agency's approved Final MND and Addendum and take related CEQA actions, and authorize the General Manager to enter into a Stormwater for Recharge Pilot Program Agreement with Central Basin Municipal Water and The City of Bell Gardens for the John Anson Ford Park Infiltration Cistern Project

Board Options (cont.)

Option #2:

- Defer consideration of agreement until completion of the 2020 Integrated Resources Plan

Option #3:

- Do not authorize execution of an agreement for the Monitoring Project

Staff Recommendation

- Option #1

