



Board of Directors

Authorize an amendment extending the term to December 31, 2028 for the Culver Boulevard Realignment and Stormwater Filtration and Retention Project Agreement under the Stormwater for Direct Use Pilot Program

Item 7-8

September 9, 2025

Stormwater for Direct Use Pilot Program Agreement Extension

Subject

Authorize an amendment extending the term to December 31, 2028 for the Culver Boulevard Realignment and Stormwater Filtration and Retention Project Agreement under the Stormwater for Direct Use Pilot Program.

Purpose

Gather monitoring data from the Stormwater for Direct Use Pilot Program to evaluate the water supply benefits of stormwater capture projects.

Recommendation

Authorize the agreement term extension.

Fiscal & Budget Impact

Cost of monitoring reports is \$60,000 and was previously authorized towards the Project.

Stormwater for Direct Use Pilot Program

Purpose



Stormwater for Direct Use Pilot Program

Highlights



Board Approval

- September 2019 - \$5 million



Program Launch

- January 2020



Project Types

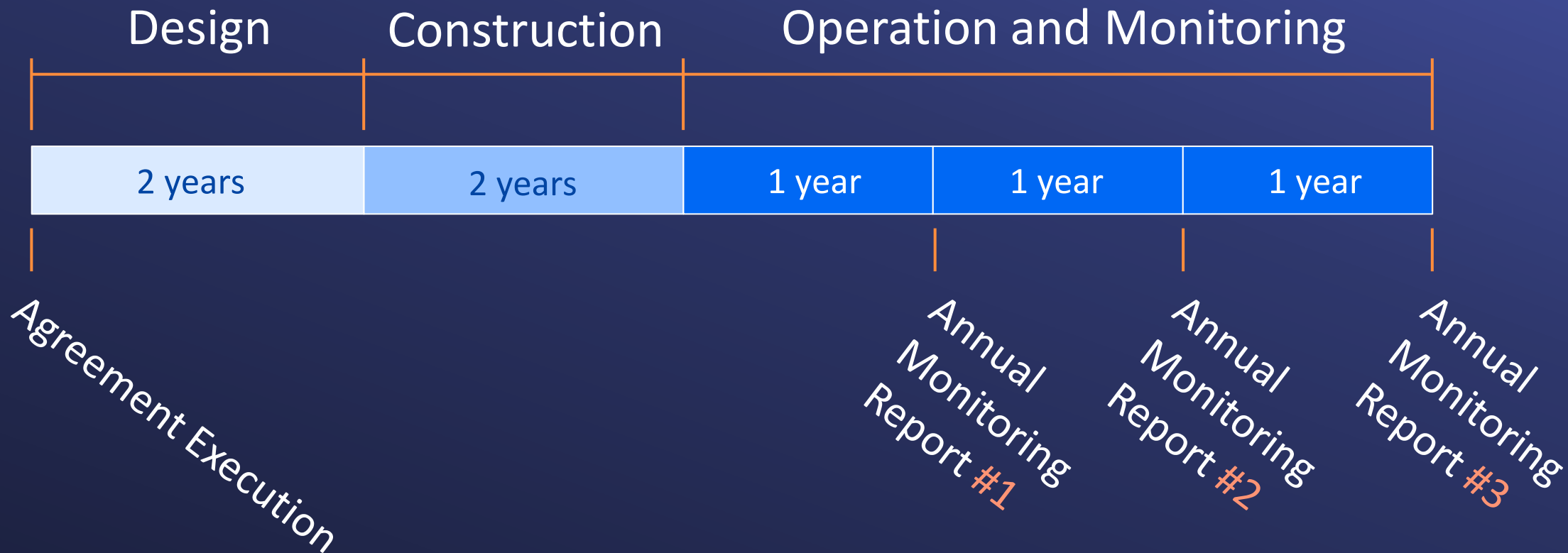
- New Construction: Up to \$500,000
- Retrofit: Up to \$160,000



Active Agreements

- City of Long Beach & Rancho Los Cerritos
- West Basin Municipal Water District & City of Culver City

Pilot Program Project Milestones



Culver Boulevard Realignment & Stormwater Filtration & Retention Project

Project Description

- Agreement Executed 12/8/2020
- Parties: West Basin MWD and Culver City
- Culver Boulevard between Sepulveda Blvd & Harter Ave
- Stormwater is captured and stored in an underground cistern, treated, and used for irrigation on the landscaped median
- Estimated potable water offset of 7.4 acre-feet per year



Operational Delays

Issue #1: As designed, the irrigation system was unable to toggle between stormwater and potable water

- **Resolution:** Constructed a secondary potable line and new meter

Issue #2: Trash and sediment entered the drains and accumulated within the underground filtration chambers, posing a clogging risk for the irrigation system

- **Resolution:** Hired a contractor to remove trash and sediment from the retention basin and chambers, and installed screens

Issue #3: Underground piping for the stormwater irrigation system was broken and disconnected

- **Resolution:** Excavate and replace piping

Culver Boulevard Realignment & Stormwater Filtration & Retention Project

Monitoring Data

The Pilot Program's objective is to gather data to evaluate water supply benefits of stormwater capture projects



Site Conditions



Weather



Capture

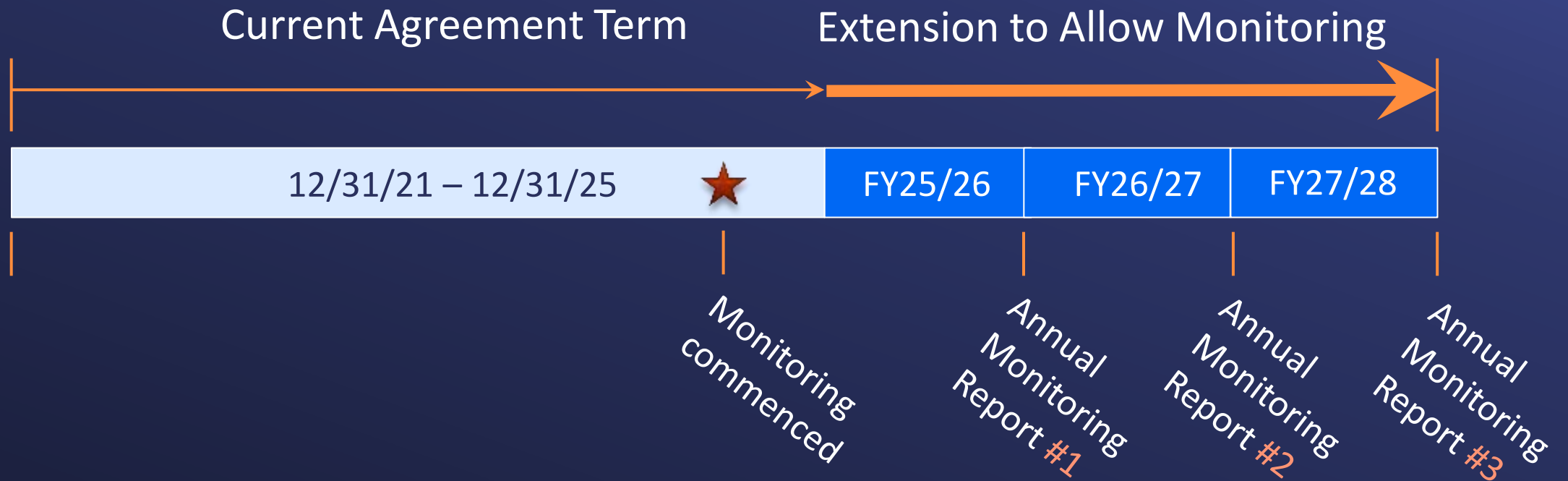


Reuse

- Culver City submitted monthly data to verify operation
 - May & June 2025
- If extended, agencies will submit three annual reports
 - Report #1: FY25-26 (due Aug. 2026)
 - Report #2: FY26-27
 - Report #3: FY27-28

Proposed Extension

- Extend agreement term from 12/31/25 to 12/31/28
- No other changes to the agreement



Summary

- Setbacks caused operational delays
- The project is fully operational and able to provide monitoring data as of April 2025
- The existing agreement termination date of 12/31/25 does not allow time for three years of monitoring
- Extending the agreement to 12/31/28 will allow Metropolitan to gather monitoring data to evaluate the water supply benefits of stormwater capture projects

Board Options

Option #1:

- Authorize an amendment extending the term to December 31, 2028, for the Culver Boulevard Realignment and Stormwater Filtration and Retention Project Agreement under the Stormwater for Direct Use Pilot Program

Option #2:

- Do not authorize an amendment extending the term to December 31, 2028, for the Culver Boulevard Realignment and Stormwater Filtration and Retention Project Agreement under the Stormwater for Direct Use Pilot Program

Staff Recommendation

- Option #1

