

Attachment B
Supplemental Environmental Project
Cathedral Canyon Lift Station Flow Meter Monitoring Vault and Sample Box

1. Name of Project:

Cathedral Canyon Lift Station Flow Meter Monitoring Vault and Sample Box

2. Project Amount:

The project will be completely funded by Desert Water Agency Sewer Operations Fund in the amount of \$102,000. \$90,973 of this total project cost will be offset against the \$181,947 ACL.

3. Project Lead:

Desert Water Agency

4. Contact:

Steve Johnson, Assistant General Manager
1200 S. Gene Autry Trail
Palm Springs, CA 92263
(760) 323-4971 ext. 140
sjohnson@dwa.org

5. Project Description:

The project involves installation of a monitoring manhole box on the North side of the Whitewater River Channel to measure the flow from the lift station prior to entering the manhole operated by Coachella Valley Water District (“CVWD”) in the same location. The monitoring box would be connected to and incorporated into a SCADA system that would allow DWA to continuously measure through the SCADA system the flows across the channel and take action immediately in case of an emergency by shutting off flows at the lift stations. Currently, both CVWD and DWA are limited to visual checks through CVWD’s manhole. The monitoring manhole would also be constructed to allow DWA and CVWD to pull water samples, which is not possible now, in order to monitor the water quality in the pipeline crossing the channel.

CVWD is agreeable to the project and CVWD indicated that it is willing to provide consent to the construction. DWA estimates the project will cost approximately \$102,000 and DWA will bear the entire cost for the project with no contribution from other sources.

6. Compliance with SEP Criteria:

The project is environmentally beneficial. The new meter and sampling box will allow DWA to monitor the flow through the force main across the wash to ensure the force main is operating as expected and detect any flow variations that could be indicative of a breakage or damage that could result in contamination of the storm channel flow or local groundwater. Currently, only visual inspections are possible without actual flow measurement. The sampling box will also allow DWA to monitor the raw wastewater quality being distributed to the CVWD system and treatment plant, a feature that is not currently available. While there may be an incidental benefit to DWA, the projects primarily benefit public health and/or the environment for the entire valley.

7. Above and Beyond Discharger’s Obligations:

DWA voluntarily agrees to undertake the SEP, and DWA is not required to undertake this project and this project was never considered by DWA before or absent the current regulatory

enforcement action.

8. No Benefit to the Water Board Members, Staff, Family:

This SEP provides no direct fiscal benefit to the Regional Water Board's functions, its members, its staff, or family of members or staff.

9. Nexus to the Nature or Location of Violations:

This SEP is part of a settlement of an unauthorized discharge to Whitewater River Channel, the same location of the SEP. Thus, the SEP has a direct nexus to the nature of the violation alleged.

10. Brief work plan containing tasks, deliverables, milestones, and schedule.

DWA anticipates the SEP will be completed within six months of adoption of the stipulated order. After the order is adopted, DWA will go through a competitive bidding and award process required for public works, after which construction will take place. Construction work will entail excavation and replacement of a section of existing pipe with a new pipe, installation of a meter vault, magnetic volumetric meter (magmeter), air vents, sample box, SCADA equipment, solar panels for power, backfill, and clean-up of the site. This work is expected to take approximately two and a half weeks to complete. An encroachment permit will be required from CVWD before the work can begin, but CVWD has indicated that it will issue the permit.

The final project completion date is September 30, 2022.

The work plan for the project is as follows:

Milestones and Schedule:

- 45 calendar days from adoption of Stipulated Order, DWA to complete construction drawings and specifications.
- 45 calendar days for bid process, including advertising, bid opening, and bid award by DWA Board of Directors.
- 60 calendar days for contractor to procure material and obtain permits.
- 20 calendar days for contractor to perform installation, including site cleanup
- 5 calendar days for DWA Operations Department to install SCADA equipment
- 1 day to program SCADA
- 4 days to submit Final Report

Total Estimated Time to Complete SEP: 180 days

11. Performance Standard:

The following performance standards must be achieved for the SEP to be deemed complete: (1) installation of the monitoring vault and sample box; and (2) submission of a final report by no later than September 30, 2022.

12. Reports to the Regional Water Board.

Progress Reports:

DWA will submit a progress report including, at a minimum, updated photographs of installation of the meter vault, a summary of budget expenditures to date, and a summary of the remaining work to be completed.

Due Date: Quarterly, until the SEP is complete. Reports are due two weeks from the end of

each quarter (i.e., Quarter 1 due April 14th, Quarter 2 due July 14th, etc.).

Final Report:

The final report will document that the project has been completed, will include a summary of all completed tasks, and will have an accounting of all expenditures. The accounting will clearly show whether the final cost of the successfully completed SEP was less than, equal to, or more than the liability suspended amount of \$90,973. The following statement will be included above the signature line of the report: *“I certify under penalty of perjury that the foregoing is true and correct.”*

Due Date: Within one month after the project is complete, as defined by the “Performance Standard” above, but no later than September 30, 2022.

All reports shall be submitted to the Colorado River Basin Regional Water Quality Control Board’s (Regional Water Board) contact, Reginald Tan via email at reginald.tan@waterboards.ca.gov.

13. California Environmental Quality Act (CEQA) Compliance:

DWA has been advised that the project will not require CEQA review because it involves the installation of a meter vault on an existing sewer force main and, thus, it would be exempt from CEQA under a Class I Categorical Exemption (CEQA Guidelines Section 15301). Class I covers “operation, maintenance, repair, [...] and minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use.”

14. Extensions:

The SEP Completion Date is the due date of the final report, September 30, 2022, unless the Executive Officer approves an extension. If an extension is granted, it shall apply to the reports to the Regional Water Board (section 12). If an extension is necessary, DWA shall submit a written request for such extension to the Executive Officer as required by Stipulated Order section 21.