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# Annual Summary Report on Public Water Quality Benefits for Calendar Year 2025

TO: James Nachbaur, State Water Resources Control Board  
Dorena Goding, State Water Resources Control Board

CC: Amy Young, Water Storage Investment Program Manager – California Water Commission  
Itzia Rivera, California Water Commission

SUBMITTED BY: Jofil Borja, Harvest Water A-PMO Manager – SacSewer  
Heidi Oriol, Harvest Water Program Coordinator – SacSewer

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RE: 2025 Annual Summary Report for WSIP Contract for Administration of Public Water Quality  
Benefits (CAPB)

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## 1. BACKGROUND AND PURPOSE

The Sacramento Area Sewer District (SacSewer), is developing the Harvest Water Program in southern Sacramento County. Harvest Water is one of the projects within the California Water Commission’s (Commission) Water Storage Investment Program (WSIP). Harvest Water is a conjunctive use program that will use recycled water deliveries for irrigation to enhance groundwater levels, ecosystem function, and agricultural sustainability in the southern Sacramento County area. Harvest Water will deliver up to 50,000 acre-feet per year (AFY) (with an associated salt load of approximately 85 to 100 tons per day).

On June 5, 2023, SacSewer entered into a Contract for Administration of Public Water Quality Benefits (CAPB) with the State Water Resources Control Board pursuant to the WSIP regulations. On January 22, 2024, SacSewer entered into a Funding Agreement with the California Water Commission to receive grant funds pursuant to WSIP regulations.

The recycled water deliveries within the Harvest Water service area are anticipated to reduce salt loads to 303(d)-listed waterways in the Sacramento – San Joaquin River Delta (Delta). This element provides a Public Water Quality Benefit under the Water Storage Investment Program (WSIP).

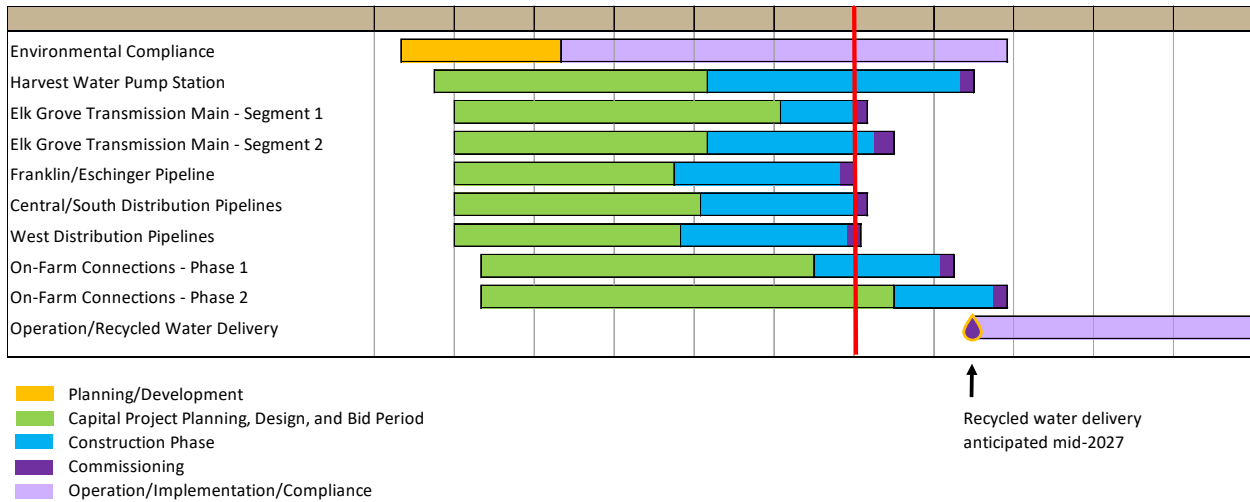
This Annual Summary Report documents the progress and status of the Public Water Quality Benefit provided, including a description of any changes to Project Implementation Actions, during calendar year 2025.

## 2. HARVEST WATER IMPLEMENTATION UPDATE

Over the course of calendar year 2025, the Harvest Water team continued extensive outreach with the landowners in the service area regarding ongoing project construction and final design of the on-farm connection assemblies (OFCAs, also known as turnouts or connections). In 2025, SacSewer initiated the first phase of OFCA construction, which includes 56 connections, continued construction of the Harvest Water Pumping Station, and completed installation of all 41 miles of transmission and distribution system pipelines. Recruitment continued for the second phase of OFCA construction to go to bid in early 2026. An overview of the construction schedule is provided in Figure 1.

The Program team also continued outreach and recruitment of landowners for participation in the ecological program.

**Figure 1: Capital Program Schedule Overview**



## 2.1 CAPB Program Years

Many of the implementation and benefit metrics are tied to a “Program Year,” defined as “a full year of Program operations capable of delivering water.” Based on the current schedule, the Program will become operational and begin full operations in mid-2027. Therefore, 2028 is anticipated to be “Program Year 1” as identified in the CAPB. Table 1 identifies the projected calendar year corresponding to the Program Year milestones identified in the CAPB.

**Table 1: Projected CAPB Program Years**

Program Year	Projected Calendar Year	Program Year	Projected Calendar Year
1	2028	10	2037
3	2030	42	2069
5	2032		

## 3. PROJECT IMPLEMENTATION ACTIONS

The Project Implementation Action for the Water Quality CAPB is recycled water delivery, measured by two metrics: the percentage of contracts executed for recycled water delivery (recycled water service agreements) within five years of receiving the WSIP final funding award and the volume of Program water delivered annually, beginning in Program Year 10.

### 3.1 Progress and Current Status

Through Notice To Proceed for the OFCA Phase 1 Project construction, including 56 OFCAs included in executed recycled water service agreements, was issued to the contractor on July 7, 2025. The total irrigation demand for the parcels served by Phase 1 OFCAs is estimated at 21,470 AFY.

The Phase 2 bid package for the remaining OFCA sites is anticipated to be advertised in February 2026, including OFCAs with recycled water agreements executed after June 2025. As of the end of calendar year 2025, recycled water service agreements were executed for an additional 19 OFCAs with estimated demand of 6,330 AFY.

In total, SacSewer executed 40 recycled water services contracts with landowners in 2025 (with multiple contracts including more than one OFCA). This represents an estimated demand of 27,800 AFY, which is 67% percent of the annual recycled water delivery goal of 41,250 AFY. For planning purposes, all irrigation demand estimates are assumed to have an uncertainty range of  $\pm 15\%$  due to annual variations in crop type and water use and potential changes in demand associated with recycled water.

### 3.2 Challenges and/or Successes

The program team continues to make significant progress in capital project delivery and customer recruitment for successful project start-up, with the first full year of Program operations anticipated in 2028.

### 3.3 Metrics and Monitoring

#### 3.3.1 Metric 1: Percentage of landowner contract execution

During Phase 1, SacSewer will report the number of recycled water delivery contracts executed and the total estimated annual recycled water delivery volume represented by all executed contracts.

The implementation milestone for this metric is: *to execute 100% of water delivery contracts for 41,250 acre-feet per year within five years of receiving the WSIP final funding award (executed January 22, 2024). During Phase 1, by:*

- *Year 1, landowner contract execution representing 20% of annual recycled water delivery will be achieved.*
- *Year 3, landowner contract execution representing 60% of annual recycled water delivery will be achieved.*
- *Year 5, landowner contract execution representing 100% of delivery of recycled water annually will be achieved.*

**Table 2: Metric 1 Reporting for 2025**

Reporting Component	Reporting Period Data
Number of Recycled Water Contracts Executed through 2025	40
Total Estimated Annual Recycled Water Delivery Volume Represented (AFY) (% = AFY contracted / 41,250 AFY)	27,800 (67 %) <sup>(1)</sup>
<u>Notes:</u>	
1. For planning purposes, all irrigation demand estimates are assumed to have an uncertainty range of $\pm 15\%$ due to annual variations in crop type and water use and potential changes in demand associated with recycled water.	

#### 3.3.2 Metric 2: Volume of annual recycled water delivered

During Phase 2 (Program Year 10 through the Term of the Contract), SacSewer will report the annual volume of recycled water delivered to Harvest Water customers. The performance threshold is to deliver an average of 41,250 AFY of recycled water to the program area based on a five-year average starting in Program Year 10, except in years when Condition 7 (delivery cutbacks) applies, as specified in Order WW0092.

**Table 3: Metric 2 Reporting for 2025 <sup>(1)</sup>**

Reporting Component	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly Recycled Water Delivered (monthly AF)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Annual Recycled Water Delivery (AFY)	n/a											
<u>Notes:</u>												
1. Metrics will be reported beginning in Program Year 1, anticipated in 2028.												

### 3.3.3 Additional monitoring for information purposes

Once operational, SacSewer will monitor and report the concentration of total dissolved solids (in mg/L) in the recycled water delivered to customers as well as the electrical conductivity (in milli-Siemens per centimeter) of the water. SacSewer will also calculate the annual average pounds per day of salts not discharged to the Delta as a result of the Program.

**Table 4: Informational Reporting for 2025 <sup>(1)</sup>**

Reporting Component	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TDS (mg/L), Monthly Average	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Electrical Conductivity (S/m), Monthly average	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Salt Not Discharged to Delta (lbs/day), Annual Average	n/a											
<u>Notes:</u>												
1. Metrics will be reported beginning in Program Year 1, anticipated in 2028.												

### 3.4 Water Year Impacts on Recycled Water Deliveries

Program recycled water deliveries are subject to SacSewer’s wastewater petition Order WW0092, issued by the SWRCB’s Division of Water Rights, which includes two conditions that that will restrict water deliveries in Dry and Critically Dry water years and Shasta Critical years (as defined in Order WW0092), during the early phases of the Program. Beginning in Program Year 1, this report will include a description of how Order WW0092 conditions affected recycled water deliveries.

In addition, there are functional limits on demand for recycled water in wintertime months with high precipitation. Beginning in Program Year 1, this report will include representative monthly precipitation for the Program area and a description of how precipitation affected wintertime recycled water deliveries.

### **3.5 Changes to Project Implementation Actions**

There were no changes to the project implementation actions in calendar year 2025.

## **4. CONCLUSION**

For questions or comments please contact Jofil Borja at [borjaj@sacsewer.com](mailto:borjaj@sacsewer.com) or 916-876-6054. The next annual report will cover calendar year 2026 and will be submitted by April 30, 2027.