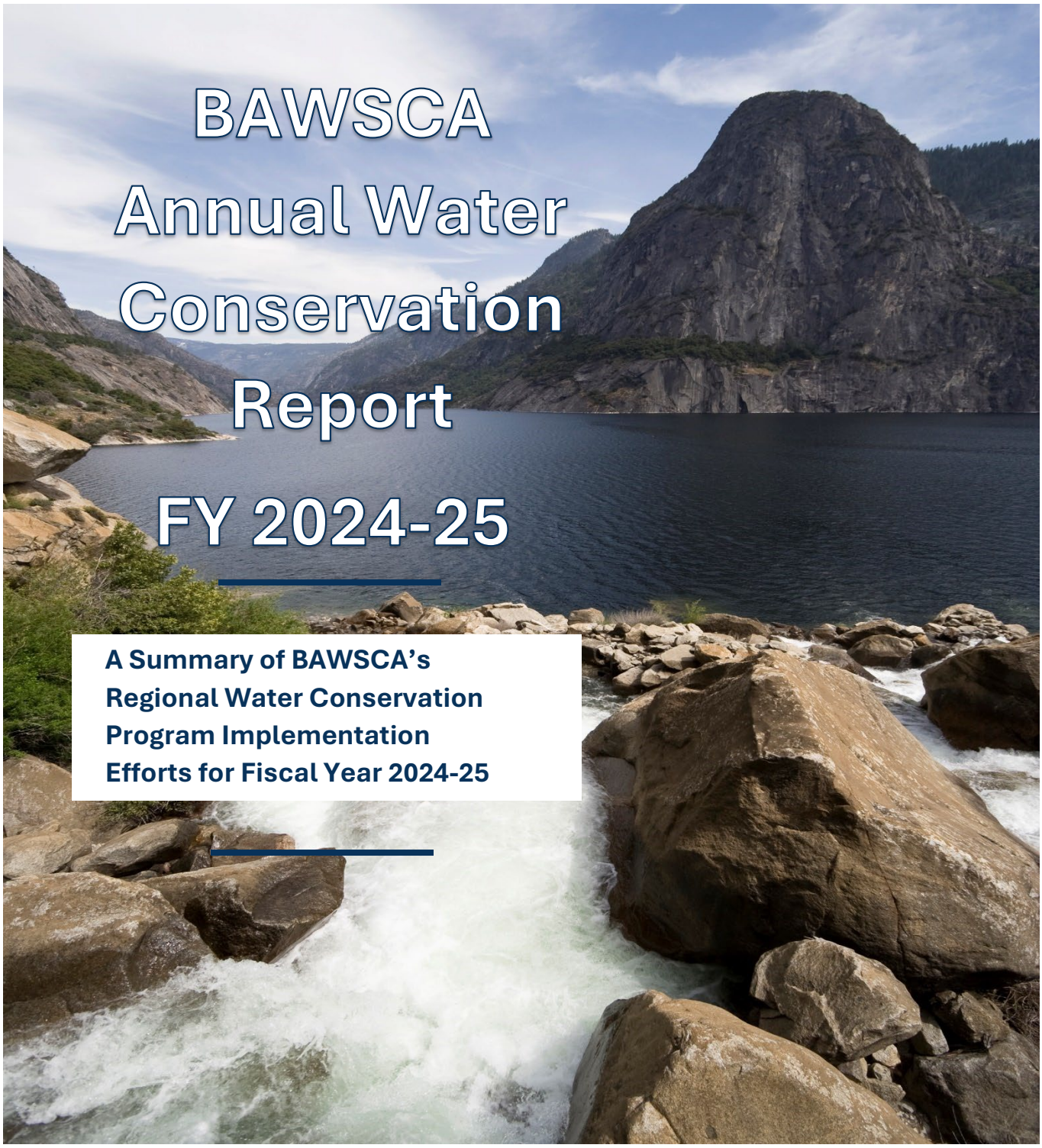


BAWSCA Annual Water Conservation Report FY 2024-25

A Summary of BAWSCA's Regional Water Conservation Program Implementation Efforts for Fiscal Year 2024-25

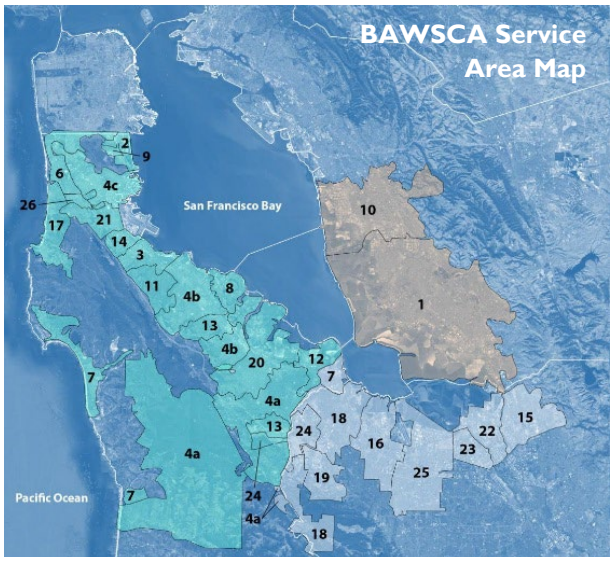
BAWSCA
Bay Area Water Supply & Conservation Agency

May 1, 2026

Table of Contents

1. Introduction

The Bay Area Water Supply and Conservation Agency (BAWSCA) provides regional water supply planning, resource development, and conservation program services to enhance the water supply reliability of the *16 cities, eight water districts, one private water provider, and one university that provide water to over 1.8 million people and 40,000 commercial, industrial, and institutional accounts in Alameda, Santa Clara, and San Mateo Counties*.



1. Alameda County Water District
2. Brisbane, City of
3. Burlingame, City of
4a. CWS – Bear Gulch
4b. CWS – Mid Peninsula
4c. CWS – South San Francisco
5. Coastside County Water District
6. Daly City, City of
7. East Palo Alto, City of
8. Estero Municipal Improvement District
9. Guadalupe Valley MID
10. Hayward, City of
11. Hillsborough, Town of
12. Menlo Park, City of
13. Mid-Peninsula Water District
14. Millbrae, City of
15. Milpitas, City of
16. Mountain View, City of
17. North Coast County Water District
18. Palo Alto, City of
19. Purissima Hills Water District
20. Redwood City, City of
21. San Bruno, City of
22. San Jose Municipal Water System
23. Santa Clara, City of
24. Stanford University
25. Sunnyvale, City of
26. Westborough Water District

BAWSCA was established as a multicounty agency authorized to *"plan for and acquire supplemental water supplies, to encourage water conservation and use of recycled water on a regional basis...."* (Bay Area Water Conservation Agency Act, AB2058). Consistent with the legislature's intent, BAWSCA's water management objective is to ensure a reliable supply of high-quality water at a fair price to protect the health, safety, and economic well-being of the people, businesses, and community organizations within its service area.

BAWSCA manages a Regional Water Conservation Program that is made up of several different programs and initiatives, and it supports and augments its member agencies and customers' efforts to use water more efficiently. These efforts:

- *Extend limited supplies of water* that are available to meet both current and future water needs;
- *Increase drought reliability* of the existing water system; and
- *Save money* for both the member agencies and their customers.

In Fiscal Year (FY) 2024-25, BAWSCA continued to implement the **Regional Water Conservation Program** that builds upon the Water Conservation Implementation Plan (WCIP, completed in September 2009), the Regional Water Demand and Conservation Projections Project (Demand Study, completed in June 2020), and the Regional Water Demand and Conservation Projections Update (Demand Study Update, completed in June 2022). These efforts included administering several regional water conservation programs and initiatives, including both **Core Programs**

(implemented regionally throughout the BAWSCA service area) and **Subscription Programs** (funded by individual member agencies that elect to participate and implemented within their respective service areas).

As shown in Table 1-1, *all 26 member agencies benefitted from the Core conservation programs* implemented by BAWSCA. Additionally*, 23 out of 26 member agencies participated in one or more of the Subscription Programs* offered by BAWSCA, including rebates, water loss management and large landscape audits, in FY 2024-25.

This report documents BAWSCA's continued implementation of the Regional Water Conservation Program, which includes conservation measures that: (1) are included as part of its annual work plan, and (2) are consistent with the objectives of the WCIP (2009) and the Demand Study.

As evidenced in the data presented in this report, *participation in the BAWSCA Regional Water Conservation Program increased overall in FY 2024-25 as compared to FY 2023-24.* Compared to FY 2012-13, the year immediately preceding the last drought, expenditures in FY 2024-25 were 66% higher. BAWSCA will continue to adjust the type and number of conservation measures that it offers to match the needs of its member agencies and their customers.

2. Overview of the BAWSCA Regional Water Conservation Program

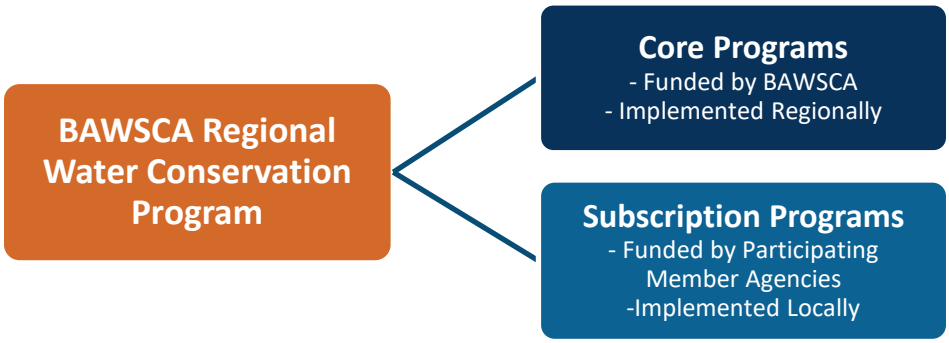
BAWSCA follows several key principles in the development and implementation of its Regional Water Conservation Program:

- *Meet the specific needs and requirements* of the BAWSCA member agencies
- *Offer increased water savings at a lower cost* to the member agencies and their customers
- *Member agencies fund the Subscription conservation measures* they choose to implement

BAWSCA's Regional Water Conservation Program is a two-tier program that offers a "Core Program" and a "Subscription Program:"

- The **Core Program** is *funded through BAWSCA's annual budget;* and features those *conservation measures that benefit from regional implementation and provide regional benefits*, irrespective of individual agency jurisdictions.

- The **Subscription Program** is *fully funded by the individual agency that elects to participate in the measure,* and funding is based on the agency's level of participation. The Subscription Program features *conservation measures whose benefits can be realized within individual water agency service areas.*



The following sections summarize the Core Programs and Subscription Programs that were offered as part of the BAWSCA Regional Water Conservation Program in FY 2023-24. In addition to the BAWSCA programs, *many of the member agencies administer additional water conservation measures independently or through another entity*, such as the Santa Clara Valley Water District (Valley Water).

A. Core Programs

In FY 2024-25, BAWSCA implemented the following water conservation programs and initiatives as part of its Core Programs:

- Water Efficient Landscape Education Classes
- LEAK Work Group
- Advance Metering Infrastructure (AMI) Workshops
- Water-Wise Gardening in the Bay Area Landscape Educational Tool
- Native Garden Tours and Symposiums
- Water Conservation Database (WCDB)
- "Making Conservation a Way of Life" Strategic Plan
- Qualified Water Efficient Landscaper Training (QWEL)
- Regional Water Demands and Conservation Projections (Demand Study)
- Public Outreach

B. Subscription Programs

In FY 2024-25, BAWSCA implemented the following water conservation programs and initiatives as part of its Subscription Programs:

- Home Water Use Reports
- Lawn Be Gone! Turf Replacement Rebates
- Irrigation Hardware Rebates
- Rain Barrel Rebates
- Large Landscape Audits
- Water-Wise School Education Kits and Curriculum
- EarthCapades Assemblies School Education Program
- Smart Controller Rebate Program
- Residential Self-Audit Tool
- WaterSense Fixtures Bulk Pricing Program
- Water Loss Management Program
- Customer Meter Testing Program

Each of these water conservation measures was administered by BAWSCA at the regional level in an *efficient, cost-effective* manner.

C. Other Activities

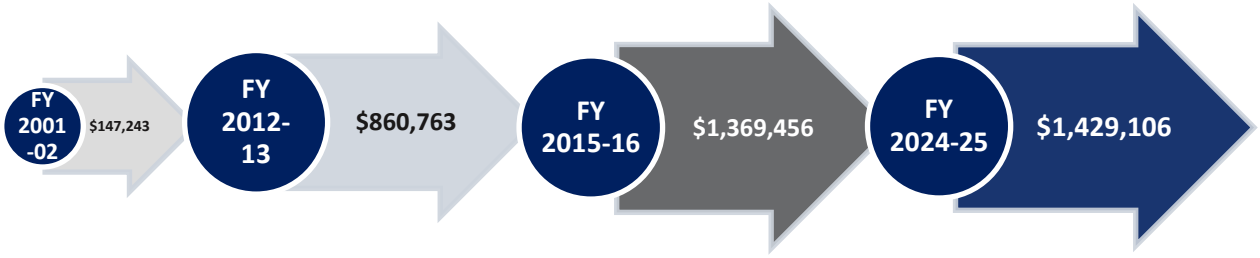
To augment the Regional Water Conservation Program in FY 2024-25, BAWSCA continued to:

- Conduct *public outreach* promoting water awareness and conservation
- Develop and foster *regional partnerships*
- Investigate *grant funding* alternatives and other financial support
- Support member agencies' water conservation *reporting and budgeting* efforts
- Provide *technical support and training* to the member agencies
- Provide *legislation analysis* for the member agencies

In August 2023, the State Water Resources Control Board (State Board) initiated the rulemaking process to adopt regulations that would implement the long-term conservation framework known as "Making Conservation a California Way of Life." BAWSCA continued to engage in the process, provided written and verbal comments at Water Board meetings and updated BAWSCA member agencies on evolving regulations. Additionally, BAWSCA and Valley Water partnered on a project that provides agencies with resources that synthesize important elements of the new rules, reporting requirements, and deadlines. Maddaus Water Management (MWM), the technical consultant on the project, developed the guidance documents for this project. BAWSCA continues to relay updates from the state regarding the regulations to the member agencies at regular meetings.

D. Program Participation and Budget Overview

The following section provides a comparison of the participation and associated expenditures in BAWSCA's Core and Subscription Programs each year since FY 2001-02. *In FY 2024-25, overall expenditures increased by 3% from the previous fiscal year.* In comparison to the $147,243 expended in FY 2001-02, when BAWSCA first began offering regional programs, total expenditures are currently up by 871%, reflecting the increased focus on water conservation among the BAWSCA member agencies. BAWSCA will continue to evaluate the effectiveness of each of its conservation program offerings as part of its Regional Water Conservation Program management.



Many of BAWSCA's subscription conservation programs saw a slight increase in customer participation nearly across the board. FY 2024-25 was a relatively normal year resulting in sustained activity among many of BAWSCA's subscription programs. Due to conditions being relatively consistent with the prior fiscal year, BAWSCA saw slight increases in program participation amongst its' agencies and their respective customers.

The launch of BAWSCA's two most recent programs exemplified further agency interest to provide their residents with additional resources to achieve higher levels of conservation. Both the Irrigation Hardware Rebate program and the Residential Self-Audit Tool Program saw increased participation in their fourth year. Compared to FY 2014-15, the first year of the last drought, conservation program expenditures are 35% greater. This is primarily due to the increase in program offerings, the regional call for the wise use of water, the SFPUC's call for voluntary water use reduction, and enhanced promotion of BAWSCA programs during times of drought.

Table 2-1, Table 2-2, and Table 2-3 detail the level of participation, as measured by member agency funding, for each Core and Subscription water conservation measure. Table 2-1 presents the annual BAWSCA Water Conservation Program budgets since FY 2001-02. Table 2-2 shows BAWSCA's regional Core Water Conservation Program summary since FY 2005-06. Table 2-3 shows select BAWSCA program expenditures from FY 2011-12 through FY 2024-25.

E. Member Agency Support for BAWSCA's Water Conservation Programs

In June 2020, BAWSCA completed a Regional Water Demand and Conservation Projections Study (2020 Demand Study) as Phase 3 of its "Making Conservation a Way of Life" Strategic Plan to identify additional ways to support the BAWSCA agencies in complying with new water use efficiency requirements in a cost-effective manner. In the final months of the Phase 3 effort, the COVID-19 global pandemic began and changed patterns in water use throughout the region due to public health requirements that shut down or slowed some parts of the economy, changed how businesses operate, affected population, and shifted some water suppliers' demands between non-residential and residential deliveries.

As a result, BAWSCA decided to update the 2020 Demand Study (as Phase 4 of BAWSCA's Making Water Conservation a Way of Life Strategic Plan) to incorporate new information available and sensitivity analyses to assess how a range of influences could impact future demand. BAWSCA used the results of the 2022 Demand Study Update to support continued implementation of its Long-Term Reliable Water Supply Strategy and to help support decisions as to which new conservation measures to incorporate in BAWSCA's Regional Water Conservation Program. Information from the 2022 Demand Study Update will also be used in BAWSCA efforts to update its Long-Term Reliable Water Supply Strategy (Strategy 2050).

In FY 2024-25, BAWSCA began the process of updating the regional demand and conservation projections yet again in preparation for the 2025 Urban Water Management Plan (UWMP) reporting schedule. This effort will also support an update to Strategy 2050 which is designed to quantify the water needs of the BAWSCA region and identify and implement projects that meet that need. The new Demand Study update will likely conclude by the end of calendar year 2025.

As part of its work plan, BAWSCA is actively working with its members agencies to implement and expand the WCIP (2009) and its Demand Studies. BAWSCA is currently tracking the Water Use Efficiency legislation and will be planning a new workshop series in FY 2025-26 that will provide support for member agencies in complying with the new water use efficiency regulations. *BAWSCA agencies have expressed a continued desire to participate in new and ongoing conservation measures offered by BAWSCA. Participation in BAWSCA's Regional Water Conservation Program assists agencies in meeting the existing Senate Bill x7-7 (SB x7-7) requirements for achieving a 20% reduction in urban water use by 2020 and will support agencies in complying with new water use efficiency targets to be implemented per SB 606 and AB 1668*.

3. BAWSCA Core Water Conservation Programs

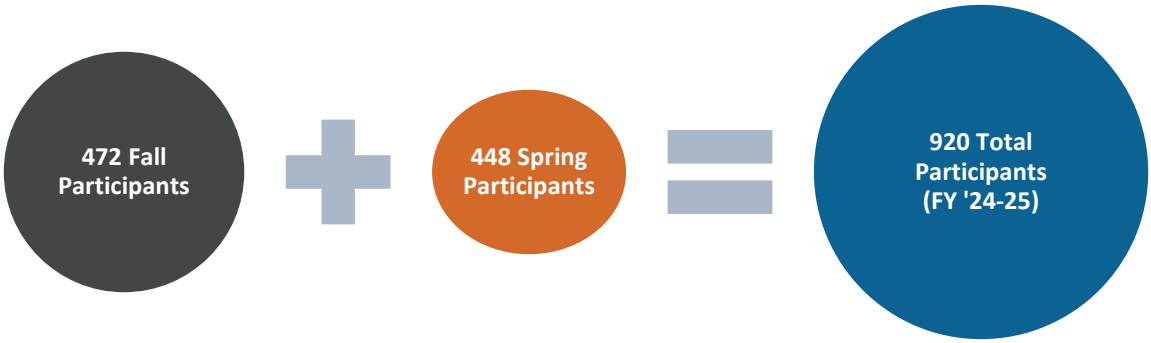
The following sections provide detailed information regarding the conservation measures and initiatives implemented as part of BAWSCA's Core Programs in FY 2024-25.

A. Water Efficient Landscape Education Program

In FY 2024-25, BAWSCA continued to partner with the member agencies to provide the **Water Efficient Landscape Education Program**. Classes are offered to the public for free during the Spring and Fall seasons. *The classes are designed to introduce homeowners and landscape professionals to the concepts of sustainable landscape design with a focus on creating beautiful, water-efficient gardens as an alternative to lawns.* The types of classes include: (1) lecture classes, where attendees receive an informative presentation and/or demonstration; (2) hands-on workshops, where attendees help install or maintain a water-efficient garden; and (3) virtual courses.

BAWSCA offered a combined *24 virtual and in-person Fall landscape classes* from September through December 2024. The most requested topics by attendees included rain gardens & rain barrels, landscape conversion, tree selection, succulent gardening, and edible gardening. The classes with the highest levels of participation focused on converting lawns to water-efficient landscapes, drip irrigation, and design and planning. *Approximately 472 people attended the 2024 Fall series*.

BAWSCA offered a combined *32 virtual and in-person Spring landscape classes* from March 2025 through the beginning of June 2025. BAWSCA continued to offer some classes in a virtual format due to the requests from the participating agencies and the success of BAWSCA's growing video library. This has continued to present an opportunity for residents to view the recorded classes from BAWSCA's YouTube page via the main website. Class topics included alternatives to lawn, sustainable and water-wise edible gardens, native and drought tolerant planting, irrigation equipment upgrades, and natural pest deterrents. *Approximately 448 people attended the 2025 Spring Landscape Education Program series.*



As shown in Table 2-2, participation in the Water Efficient Landscape Education Program increased from FY 2023-24. Overall interest and participation in the classes remain high among BAWSCA member agencies. BAWSCA continues to explore new class structures and marketing techniques to ensure the program meets the needs of customers. Due to the popularity of online learning, BAWSCA will continue the virtual format to offer residents the flexibility to attend these workshops from the comfort of their home.

B. Water Wise Gardening in the Bay Area – Landscape Education Tool

In FY 2024-25, BAWSCA member agencies continued to promote the popular landscape education tool, **Water-Wise Gardening in the Bay Area**. This resource is available online via BAWSCA's website so it can be readily accessed by the public. *It contains information on how to create and maintain a beautiful, low-water-use garden and includes photographs of water-efficient gardens with links to the plants featured in the gardens.* Most of the gardens are located within the Bay Area, specifically within the BAWSCA service area.

In FY 2024-25, the Water-Wise Gardening in the Bay Area website had approximately 2,562 unique visitors and 6,613 total visits. This number represents a 10% increase in total visits from FY 2023-24. Since FY 2017-18, a total of 27,803 unique users have visited the Landscape Education Tool website.

C. Native Garden Tours and Symposiums

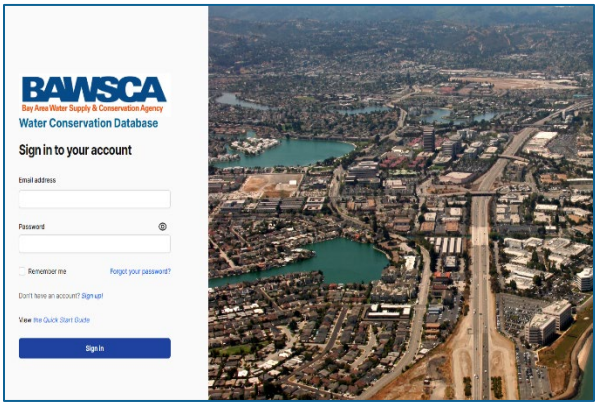
BAWSCA co-sponsored two garden tours in Spring of FY 2024-25. *Each tour was designed to showcase local homes that have beautiful water-conserving gardens comprised primarily of California native plants.* The tours take place throughout the Bay Area, although many gardens featured in the tours were located within the BAWSCA service area.

- **Growing Native Garden Tour.** The twenty-third annual Growing Native Garden Tour took place on April 12 and April 13 of 2025. *4,159 registrants made 6,029 visits to the 54 open gardens. Additionally, 224 volunteers participated on tour day and worked 1,074 collective hours.* Participants provided many positive comments about the tour and talks. Several gardens made special videos of varying lengths or slide shows that can be viewed at any time by going to the GNGT.org website and clicking on "2025 Gardens."

- **Bringing Back the Natives Garden Tour.** The twenty-first annual Bringing Back the Natives Garden Tour took place on May 3 and 4 and showcased 51 gardens and nurseries located in 24 cities and unincorporated areas of Alameda and Contra Costa Counties. 9,647 visits were made. The online tour took place on April 5 & 6 which *had 500 live viewers on Saturday and Sunday.* Over 32 talks and demonstrations were given at the showcased gardens and nurseries on tour.

D. Regional Water Conservation Database

In FY 2024-25, BAWSCA continued to manage its **Water Conservation Database** (WCDB) that serves as the repository for BAWSCA member agency water use and water conservation program information. BAWSCA utilized the database in FY 2024-25 to support several work efforts including the Demand Study and Annual Survey. BAWSCA agencies have reported that the new WCDB is faster and easier to use than its predecessor.

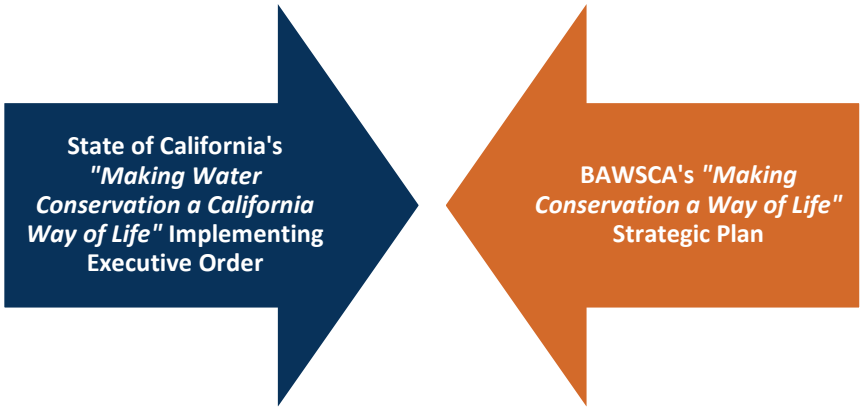


The purpose of the WCDB is to: (1) streamline data collection to *support tracking of water conservation activities* in the region; (2) *monitor quantifiable water savings* in the BAWSCA region; and (3) *facilitate data collection and data management* to support the following activities:

- Internal agency reporting and budgeting
- BAWSCA Annual Survey Report
- DSS Model updates
- "Making Conservation a Way of Life" Strategic Plan development
- DWR UWMP and annual Public Water Supervision System reporting requirements

E. BAWSCA's "Making Conservation a Way of Life" Strategic Plan

On April 7, 2017, the State of California released the "Making Water Conservation a California Way of Life, Implementing Executive Order B-37-16" Final Framework Report[1] (State Framework Report). The State Framework Report, which built upon Governor Brown's call for new long-term water use efficiency requirements in Executive Order B-37-16, outlined the State's proposed approach for implementing those long-term requirements. *A key element of the report is new water use targets for urban water suppliers that go beyond existing SB x7-7 requirements*[2] and are based on strengthened standards for indoor residential per capita use; outdoor irrigation; commercial, industrial, and institutional (CII) water use; and water loss.



BAWSCA's "Making Conservation a Way of Life" Strategic Plan (Plan) *is being developed to support BAWSCA agencies in the implementation of proposed new water use targets.* BAWSCA contracted with Maddaus Water Management (MWM) and its team, consisting of Brown and Caldwell, Water Systems Optimization, Waterfluence, and Western Policy Research to complete Phase 1.

[1] California Department of Water Resources, et al. *Making Water Conservation a California Way of Life, Implementing Executive Order B-37-16*, April 2017. Online: http://www.water.ca.gov/wateruseefficiency/conservation/docs/20170407_EO_B-37-16_Final_Report.pdf

[2] SB X7-7, also known as the Water Conservation Act of 2009, was introduced after the drought of 2007-2009 due to the California Governor's call for a statewide 20% reduction in urban water use by the year 2020. See the California Department of Water Resources website for more information: www.water.ca.gov/wateruseefficiency/sb7/

Phase 1 of the Plan, completed in FY 2017-18, had two primary goals:

- ✓ *Evaluate the feasibility of implementing the proposed water use targets and the associated cost impacts to BAWSCA agencies.*
- ✓ *Identify actions to support BAWSCA agencies in preparing for and implementing the proposed water use targets.*

Phase 1 assessed BAWSCA agencies' current practices and water industry best practices for the components of the proposed new requirements that present the greatest level of uncertainty and potential risk to the BAWSCA agencies. Phase 1 identified five actions which were implemented in FY 2018-19 based upon: (1) their direct connection to known legislative requirements; and (2) their potential to provide key information to inform BAWSCA input into the public processes to develop water efficiency standards. These completed actions include:

- ✓ *Conducted a study to review current residential indoor and outdoor water use trends to determine current levels of water use and additional water savings potential.*
- ✓ *Organized an AMI symposium to enable information exchange, including case studies, implementation strategies, and data analysis techniques.*
- ✓ *Implemented a regional commercial, industrial, and institutional (CII) customer audit pilot program.*
- ✓ *Implemented a regional program for water loss control to help BAWSCA agencies comply with regulatory requirements and implement cost-effective water loss interventions.*
- ✓ *Engaged with the SFPUC to optimize meter testing and calibration practices for SFPUC's meters at BAWSCA agency turnouts.*

In FY 2018-19, BAWSCA completed Phase II of the BAWSCA "Making Conservation a Way of Life" Strategic Plan. Phase II of the Strategic Plan that had the following objectives:

- ♦ *Complete a Residential Water Use Study in order to provide insight into the current breakdown of indoor and outdoor water use among residential customers within the BAWSCA service area.*
- ♦ *Implement a CII Audit Program Pilot Project meant to evaluate the potential for the successful implementation of a Regional CII Audit Program.*

The Residential Indoor/Outdoor Water Use Study results were utilized in the development of BAWSCA agency demand projections as part of the Demand Study, which was completed in June of 2020. The following steps included: (1) setting up a Work Group of interested BAWSCA member agencies to discuss the development of a list of parameters to collect data; and (2) the continuation of AMI symposiums to discuss meter selection, implementation, data collection, and data analysis. BAWSCA has since initiated work with the SFPUC on meter testing.

The CII Pilot Study was completed in FY 2019-20. BAWSCA's CII Pilot Tool accomplishments included a target industry being selected, the creation of an online survey tool on the BAWSCA website, the launch of the formal survey, and the analysis of survey results.

In August 2023, the State Water Resources Control Board (State Board) initiated the rulemaking process to adopt regulations that would implement the long-term conservation framework known as "Making Conservation a California Way of Life." BAWSCA continued to engage in the process, provided written and verbal comments at Water Board meetings and updated BAWSCA member agencies on evolving regulations.

Additionally, BAWSCA and Valley Water partnered on a project that provided agencies with resources that synthesize important elements of the new rules, reporting requirements, and deadlines. Maddaus Water Management (MWM), the technical consultant on the project, developed guidance documents for this project, which BAWSCA agencies will use as a reference. BAWSCA continues to monitor the actions of the state and communicate updates to the member agencies on a regular basis.

F. Qualified Water Efficient Landscaper Training Program

QWEL
QUALIFIED WATER EFFICIENT LANDSCAPER

In 2019, BAWSCA contracted with the California Water Efficiency Partnership (CalWEP) to offer its member agencies the Qualified Water Efficient Landscaper (QWEL) Training program within the BAWSCA service area. BAWSCA continued this partnership in FY 2024-25. QWEL is a local training and certification program that provides landscape professionals, designers, architects, and others with 20 hours of classroom and hands-on training on topics related to water-efficient landscape installation and management.

In addition to 20 hours of classroom and hands-on training taught by QWEL certified instructors, the program provides a certification test for participants to receive a QWEL certified professional designation. The class is formatted to meet once weekly for four weeks and includes three 6.5-hour days and one 3.5-hour day, and can be offered in English or Spanish.

Regional objectives for QWEL include: (1) increasing landscape professionals' awareness of and compliance with local water-use restrictions, and (2) reducing long-term landscape water use through wider adoption of proper care, irrigation management and other maintenance practices for water-efficient landscapes. *There were no QWEL sessions held in FY 2024-25*. BAWSCA will continue to offer the program to its agencies in future years.

G. Regional Demand and Conservation Savings Projections

BAWSCA utilizes **Decision Support System (DSS) Models**, developed for each member agency, as part of the Regional Demand and Conservation Projections Project (2020 Demand Study). The 2020 Demand Study, completed in June 2020, developed *transparent, defensible, and uniform demand and conservation projections for each BAWSCA member agency*. These projections were used to support the development of BAWSCA's Long-Term Reliable Water Supply Strategy (Strategy) as well as other regional and agency-specific efforts. The objectives of the 2020 Demand Study were to:

- *Quantify the total average-year water demand* for each BAWSCA member agency through 2045.
- *Quantify the passive and active conservation water savings potential* for each BAWSCA member agency through 2045.
- *Identify conservation programs* for further consideration of regional implementation by BAWSCA.
- *Provide each member agency with a user-friendly model* that can be used to support ongoing demand and conservation planning efforts.

In the final months of completing the 2020 Demand Study, the COVID-19 global pandemic began and changed patterns in water use throughout the region due to public health requirements that shut down or slowed some parts of the economy, changed how businesses operate, affected

population, and shifted some water suppliers' demands between non-residential and residential deliveries.

These changes have the potential to impact both near-term and long-term population and employment projections as well as water use across many sectors. Additionally, new information became available during (or shortly following) BAWSCA's preparation of the 2020 Demand Study, including adopted 2020 Urban Water Management Plans.

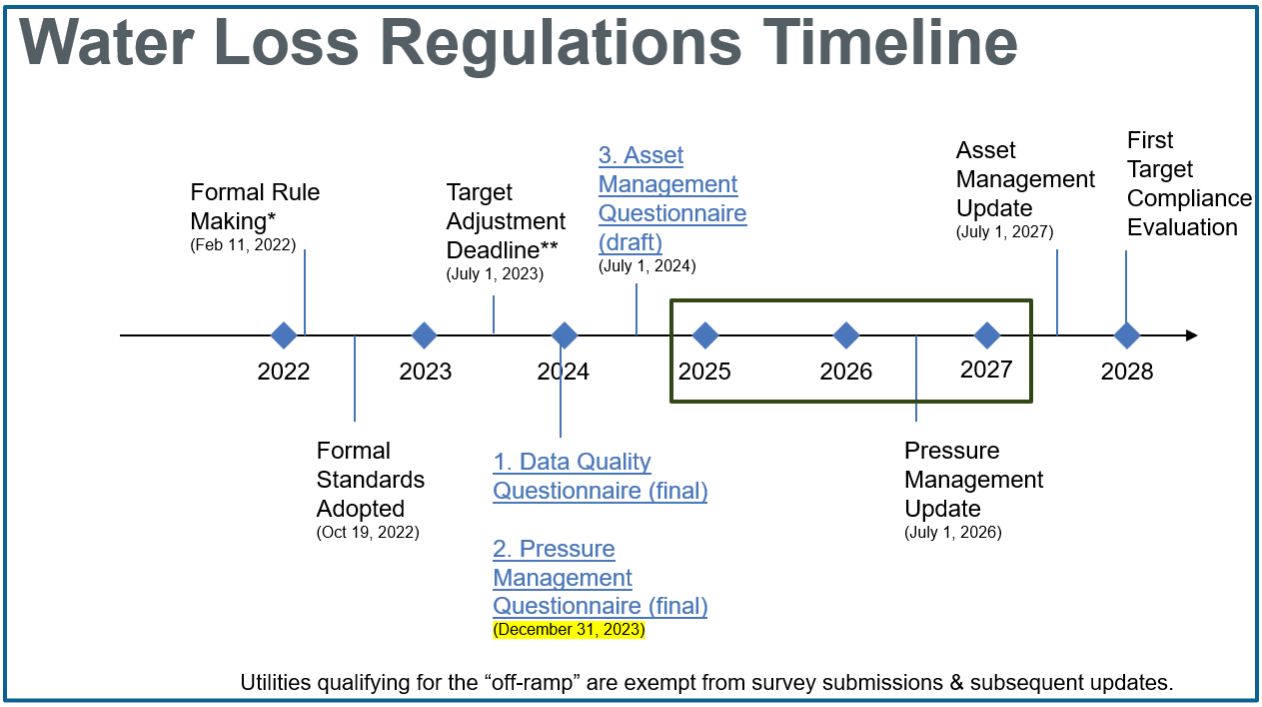
As a result, BAWSCA decided to update the 2020 Demand Study (as Phase 4 of BAWSCA's Making Water Conservation a Way of Life Strategic Plan) to reflect new data that became available since its completion and to better understand and quantify uncertainty associated with demand estimates and the variables that influence water demands. BAWSCA will use the results of the 2022 Demand Study Update to support implementation of its Long-Term Reliable Water Supply Strategy and to help support decisions as to which new conservation measures to incorporate in BAWSCA's Regional Water Conservation Program.

BAWSCA is facilitating an update to the regional water demand and conservation projections on behalf of its member agencies in preparation for their individual 2025 Urban Water Management Plans, which are due July 1, 2026. BAWSCA and its member agencies will complete the regional water demand and conservation projections project by the end of calendar year 2025.

H. LEAK Workgroup

The Loss Evaluation & Knowledge (LEAK) Workgroup is a Core Program which provides water loss control education and peer-to-peer learning opportunities for BAWSCA member agencies. In FY 2024-25, three LEAK Workgroups were held. Topics included:

- *SWRCB Water Loss Standard Updates*
- *Source Meter Testing – How to Review SFPUC Results*
- *Highlighting Additional Water Loss Control Actions*
- *Water Audit 101 – Keys to Compiling a Robust Water Audit*
- *2024 BAWSCA Agency Water Audit Submission Review*
- *Ministry of Foreign Affairs of Denmark – Water Loss Fact Finding Tour*
- *Water Loss Auditing Reporting*
- *Strategies for Tracking, Reducing, and Managing Water Loss*



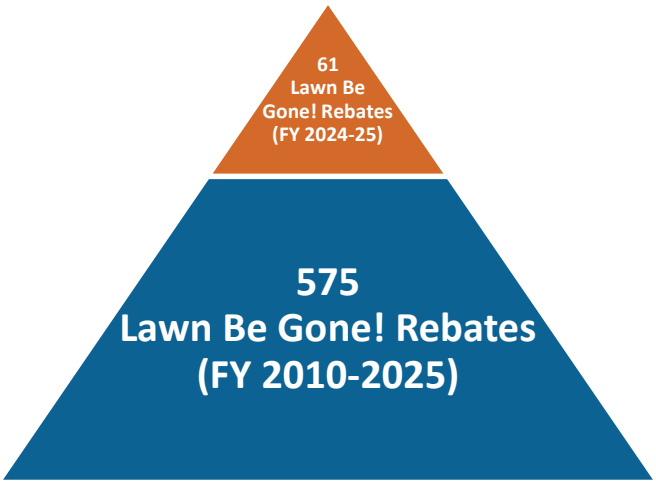
4. BAWSCA Subscription Water Conservation Programs

The following sections present detailed information on the individual conservation programs that constituted BAWSCA's Subscription Program in FY 2024-25.

A. Lawn Be Gone! Program

Since 2010, BAWSCA's **Lawn be Gone! Program** has provided rebates to customers who replace turf with water-efficient landscaping. *In FY 2024-25, the program provided customers with rebates of $1-$4 per square foot of turf replaced, as determined by the participating BAWSCA member agency.* Per the Lawn Be Gone! Program terms, the new landscape must include at least 50% live plant coverage, with the remainder completed in permeable hardscape. All plants must be low water use plants from the BAWSCA-Approved Plant List.

Participation in this program provides BAWSCA members a way to offer their customers an incentive, via rebates, to reduce their outdoor water use and create long-term water savings. This program also has an educational element – demonstrating to the public that low water use landscapes can be an attractive alternative to lawns.



Ten agencies participated in the Lawn Be Gone! Program in FY 2024-25 (see Table 4-1). In total, the BAWSCA member agencies issued 61 rebates in FY 2024-25 and supported the conversion of 117,092 square feet of turf grass to water-efficient landscaping. The total program expenditure, including administration costs, was approximately $243,258, a 0.22% increase from FY 2023-24. A total of $1,235,421 in rebates have been paid to customers within the BAWSCA service area since the program began in 2010.

In FY 2024-25, BAWSCA continued its partnership with the San Mateo Countywide Water Pollution Prevention Program (SMCWPPP) to offer Lawn Be Gone! Participants an additional $300 for the installation of a rain garden as a part of their project. A rain garden is a shallow landscaped depression that captures, cleans, and absorbs rainwater from a roof, driveway or street. In order to qualify for the rain garden rebate, applicants must apply to the Lawn Be Gone! Program and install a rain garden according to the minimum requirements listed in BAWSCA's terms and conditions. *In FY 2024-25, BAWSCA issued just 1 rain garden rebate through the Lawn Be Gone! Program.* BAWSCA anticipates that the Rain Garden rebate will become more popular in the coming years of the expansion as the program becomes more widely recognized in San Mateo County.

As part of its administration of the Lawn be Gone! Program, BAWSCA performed the following activities for the participating member agencies:

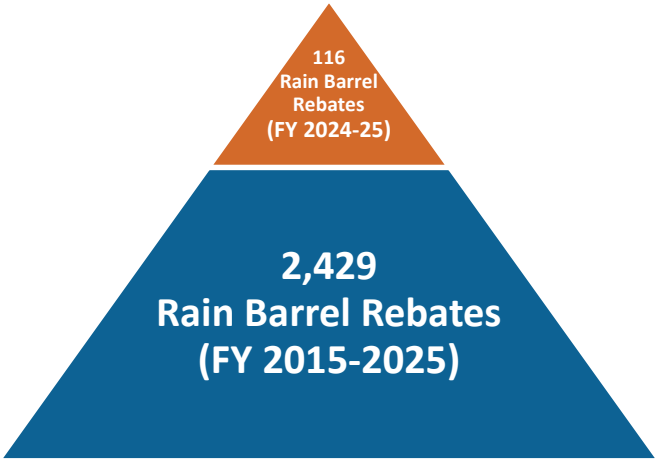
- Proposition 1 grant administration
- Development and production of promotional materials
- Development of the BAWSCA-Approved Plant list, which includes over 1,600 plants and denotes whether they are appropriate for the Coast, Peninsula or East Bay climates, as well as their water demand
- Advertising and outreach
- Hosting information on the BAWSCA website
- Coordinating management of rebate distribution and approvals in collaboration with customers and the participating agencies

- Tracking progress against individual agency conservation targets
- Initiating development of an online rebate application system

As seen in Table 4-1, *the cost-effectiveness of the BAWSCA Lawn Be Gone! Program in FY 2024-25 is estimated to be $1,848 per AF of water saved*.

B. Rain Barrel Rebate Program

Since 2014, BAWSCA has partnered with the San Mateo Countywide Water Pollution Prevention Program (SMCWPPP) on the **Rain Barrel Rebate Program**, to offer rebates of up to $200 for the purchase and installation of rain barrels. Rain barrels are used to collect rainwater from hard surfaces, such as rooftops, to be stored for later use in watering landscapes. *In FY 2024-25, the SMCWPPP provided tiered rebates (based on capacity) of up to $150 per rain barrel for installations within San Mateo County. Participating BAWSCA member agencies provided additional rebates of up to $50 per rain barrel, for a total maximum customer rebate of $200 in areas where both rebates were offered.*



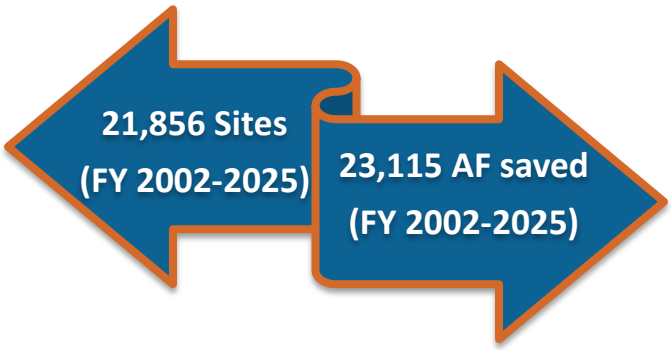
Thirteen agencies participated in the Rain Barrel Rebate Program in FY 2024-25 (see Table 4-2). *In total, the BAWSCA program issued 116 rain barrel rebates (194 barrels totaling 9,980 gallons). 39 of these rebates were inside the BAWSCA service area in San Mateo County and received all funding from the SMCWPPP. Rain Barrel rebates decreased from FY 2023-24; however, program numbers are still high in comparison to the preceding years.* Total expenditures were $18,806. The water savings associated with each rain barrel installation is dependent on a variety of factors, including precipitation and time between rain events.

C. Large Landscape Program

BAWSCA has offered the **Large Landscape Program** to its member agencies since FY 2002-03. This measure enables participating BAWSCA agencies to reduce the amount of water used for outdoor landscaping and to cost-effectively meet the requirements of the California Urban Water Conservation Council's (CUWCC) Programmatic Best Management Practice that targets large landscape customers.

The Large Landscape Program measure provides landscape surveys to assess watering needs and distributes monthly landscape water budgets for select accounts. This work is done by Waterfluence, under contract with BAWSCA, and includes audits to qualifying commercial and residential accounts. A key component of the measure implementation is the ongoing tracking of actual water use and estimated water savings at surveyed sites.

A total of 2,000 sites in ten different member agency service areas participated in the BAWSCA Large Landscape Program measure in FY 2024-25, as shown in Table 4-3. Additional BAWSCA member agencies also offer this program, contracting with Waterfluence independently or through Valley Water.



The 2025 Waterfluence Annual Report found that overwatering at participating sites has dropped significantly since 2002, reaching a low point in 2015 during a statewide drought when outdoor watering restrictions were also in place. Overwatering has rebounded in subsequent years but is still below 2013 levels. Significant reductions in overwatering can still be made at commercial sites, sites with less than one acre of landscaping, sites planted predominantly with shrubs, and sites not including their landscape contractor as an online viewer.

As part of its administration of the Large Landscape Program measure for the participating member agencies, BAWSCA performed the following activities:

- Hosting information on the BAWSCA website
- Contract negotiation with Waterfluence
- Service as liaison between agencies and Waterfluence
- Managing agency invoicing

As can be seen in Table 4-4, *the unit cost of water saved by the Large Landscape Program measure in FY 2024-25 is conservatively estimated at $88 per AF.*[3] Thus, this measure continues to be very cost effective, especially when compared to the wholesale cost of purchasing water from the SFPUC, which was $2,470 per AF for FY 2024-25.

D. School Education – Water Wise School Program

Since 2005, BAWSCA has contracted with Resource Action Programs (RAP) to implement the **Water Wise School Education Program.** *This program provides 5th grade students with educational, in-class water conservation materials and free indoor/outdoor water conservation kits (i.e., Water Wise Kits) designed to be used at home.* RAP has since transitioned to AM Conservation Group (AMCG) who works directly with teachers and schools to provide turnkey, in-class program and free Water Wise Kits.

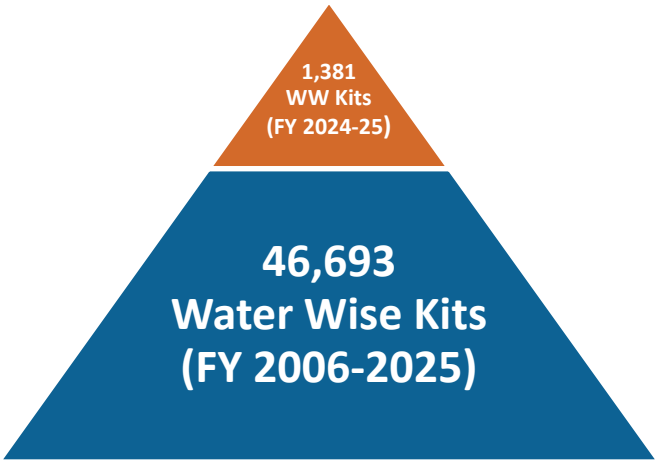
The Water Wise curriculum is designed to be easily implemented by teachers and taken into the home by participating students. Each Water Wise Kit includes a water audit that students can perform at home with their parents as well as water-saving devices that can be installed at the student's home (e.g., low-flow showerheads and faucet aerators). The materials provided to the teachers and students also include methods for calculating water savings resulting from the installation of equipment contained in the kit and performing the recommended water-saving actions.

After the student performs the audit and installs the water and energy-saving devices, affidavits signed by the parents are returned to the school, collected by the teacher, and forwarded to AMCG. This documentation allows AMCG to measure program implementation and quantify water savings that results from the program. AMCG then prepares a final report for distribution to the participating agencies.

AMCG reports that participation in the FY 2024-25 Water Wise School Education Program is expected to result in savings of over 64 AF of water over the next 10 years. In addition to helping member agencies save water, the Water Wise school education measure assists participating agencies in implementing the CUWCC Foundational Education Programs, which include Public Information and School Education, as well as the CUWCC Programmatic Best Management

[3] The unit cost of water saved for this program varies year to year based on weather, observed water savings, the number of landscape surveys completed, and changes in program offerings and cost.

Practice that targets residential customers. *In FY 2024-25, a total of 1,381 kits were distributed.* Since the program's inception in FY 2005-06, a total of 46,693 students and teachers have participated in the Water Wise School Education Program. This yields an estimated total lifetime water savings of up to 6,548 AF. See Table 4-4.



As part of its administration of the Water Wise School Education Program for the participating member agencies, BAWSCA performed the following activities:

- Development and production of BAWSCA-specific promotional materials to insert into the Water Wise kits
- Hosting information on the BAWSCA website
- Contract negotiation with AM Conservation Group
- Serving as liaison between agencies and AMCG
- Managing agency invoicing
- Tracking progress against individual agency conservation targets

In FY 2024-25 BAWSCA provided an incentive to participating classrooms and students to increase participation in, and results from, the Water Wise School Education Program. Incentives were distributed by AMCG based on the following criteria:

- A $100 cash prize was given to classrooms whose teachers enrolled in the Water Wise School Education Program and returned at least 80% the Water Wise home surveys.
- A gift valued at up to $5 was given to students who completed the Water Wise surveys, documenting whether they installed the water conserving-devices from the kits in their homes, completed all the homework, and/or scored above 80% on the final written test given as part of the Water Wise school education measure.

As shown in Table 4-4, *the cost-effectiveness of the Water Wise School Education Program in FY 2024-25 is estimated at $961 per AF of water saved*. Thus, this measure continues to be a very cost-effective means of achieving water conservation savings and educating students, especially when compared to the wholesale cost of purchasing water from the SFPUC, which was $2,470 per AF for FY 2024-25.

E. School Education – EarthCapades Assemblies

BAWSCA's school education efforts for FY 2024-25 included a school assembly program run by EarthCapades. **EarthCapades Assemblies** *combine age-appropriate state science standards with circus skills, juggling, music, storytelling, comedy, and audience participation to teach environmental awareness, water science and conservation to students in grades K-8.* The EarthCapades assemblies are designed to include local water source and watershed education information as well as select information the participating member agencies would like to share with their customers. BAWSCA and the participating member agencies provide specific information to EarthCapades regarding the San Francisco Regional Water System and other topics (e.g., recycled water). EarthCapades integrates this information into a custom script used during the assemblies conducted within the participating member agencies' service areas.

"I look forward to this program every year, it's always FABULOUS. The theatrics mixed with water awareness and science is a perfect balance for the kids. The overall pacing and music in addition to body movements the kids do to keep engaged is well planned and very age appropriate"

-Teacher, City of Daly City

In FY 2024-25, 15 agencies sponsored 187 shows throughout the BAWCSA service area for a total expenditure of $109,005 including BAWSCA administration fees. A total of 33,660 children attended the assemblies from 105 different schools within the BAWSCA service area. The shows were generally very well received by schools and agencies alike. A portion of the shows were offered virtually, which resulted in a larger capacity for shows and the ability to reach more students and schools. However, most shows have returned to an in-person format with the decision being up to the schools who choose to participate.

As part of its administration of the EarthCapades school education measure for the participating member agencies, BAWSCA performed the following activities:

- Hosting information on the BAWSCA website
- Contract negotiation with EarthCapades
- Serving as liaison between agencies and EarthCapades
- Managing agency invoicing
- Tracking progress against individual agency conservation targets

F. Smart Irrigation Controller Rebate Program

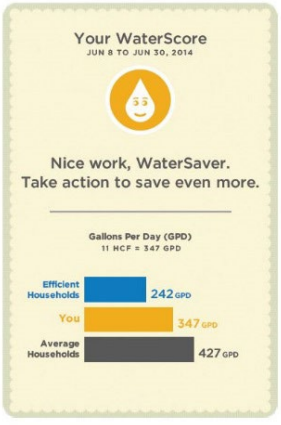
In 2020, BAWSCA, in partnership with Rachio, Inc. (Rachio) and Regional Water Authority (RWA), implemented a Regional Smart Controller Program which offers residential water customers of participating member agencies an instant rebate on the purchase of smart irrigation controllers. The goal of the program is to increase residential outdoor water use efficiency through better management of irrigation practices.

The Program enables customers to purchase smart controllers directly from Rachio on a website specifically developed for the Program. The smart controller selected for the Program is the Rachio 3 model, an EPA WaterSense labeled controller designed to help homeowners better understand their irrigation and make saving water easy and transparent. The Rachio 3 is offered at a total cost of $174.99 plus applicable sales tax. Of this cost, the participating agency pays $74.99, and the customer pays the remaining $100 plus sales tax.

The Program also provides BAWSCA and each participating agency with a web-based online platform to provide information on the number of active Rachio controllers in each region, irrigation schedules, and weather data. The platform displays information for all Rachio controllers active in a participating agency's service area and provides the ability to distinguish between controllers activated independently by homeowners and controllers activate through the Program.

In FY 2024-25, ten agencies participated in the Smart Irrigation Controller Rebate Program. *In total, the participating BAWSCA member agencies issued 152 controller rebates totaling $11,446 in rebates paid to customers. As seen in Table 4-5, the estimated annual water savings of the BAWSCA Smart Irrigation Controller Rebate Program in FY 2024-25 is estimated to be 3.5 acre-feet.*

G. Home Water Use Reports Program



In 2014, BAWSCA began contracting with WaterSmart Software to administer a **Home Water Use Reports Program**. *The Program provides customer water use portals and/or individual household reports that use data analytics and behavioral science techniques to provide customized water consumption information, messaging, and water-saving recommendations to customers.* The objective of the Program is to motivate customers to improve their water use efficiency through changes in behavior or adoption of more water efficient technology. The reports utilize social norms to motivate behavior change by comparing a household's water usage to that of their peers.

Six agencies participated in the Home Water Use Reports Program in FY 2024-25. During that time, approximately 100,951 residential accounts received access to the customer portal or home water reports, yielding approximate 1,071 acre-feet in water savings. As shown in Table 4-6, the unit cost of water saved in FY 2024-25 is estimated at $255 per AF of water saved. Thus, this measure provides a cost-effective means of achieving water conservation savings and increasing customer engagement. This cost is lower than the wholesale cost of purchasing water from the SFPUC, which was $2,470 per AF in FY 2024-25.

H. WaterSense Fixtures Bulk Purchase Program

The **WaterSense Fixtures Bulk Purchase Program***, launched in 2015, enables BAWSCA member agencies to purchase water conservation fixtures, devices, and giveaway items from AM Conservation through BAWSCA at a pre-negotiated bulk rate.* Participating agencies then distribute these devices to their customers, free of charge, to support customers in using water efficiently. Devices available through this program include low-flow showerheads, faucet aerators, hose nozzles, toilet leak detection tablets, shower timers, and soil moisture meters. Agencies may participate in the program on a rolling basis, placing orders through BAWSCA as needed throughout the year.

In FY 2024-25, seven BAWSCA member agencies participated in the WaterSense Fixtures Bulk Purchase Program. *Participants purchased a total of 7,204 water-efficient fixtures*. These purchases included 670 shower heads, 929 faucet aerators, 816 hose nozzles, 504 moisture meters, 4,100 leak detection dye tabs, 135 shower timers and 300 rain gauges.

I. Water Loss Management Program

BAWSCA's Water Loss Management Program (WLMP) launched in 2018. The program, a recommended action in BAWSCA's "Making Conservation a Way of Life" Strategic Plan, supports participating BAWSCA agencies in reducing water losses to an economically optimized level and in complying with water loss requirements implemented by the State Water Resources Control Board (SWRCB) per SB 555. The WLMP includes two components:

- *The Loss Evaluation & Knowledge (LEAK) workgroup, which is a Core Program to provide water loss control education and peer-to-peer learning opportunities for BAWSCA member agencies.*
- *The WLMP Subscription Program, which provides individual support to BAWSCA agencies on water audit completion, validation, and other tasks associated with water loss management.*

BAWSCA member agencies can choose from a range of tasks to participate in. These tasks and subtasks include:

- *Support in compiling water audits & associated data.*
- *Level 1 Validation of audits to comply with SWRCB requirements.*
- *Component Analysis of real losses and apparent losses.*
- *Meter Accuracy Testing.*
- *Comprehensive Leak Detection.*

In FY 2024-25, twenty-one BAWSCA member agencies participated in the Water Loss Management Program, making it one of BAWSCA's most successful offerings. As seen in Table 2-3, expenditures for the program totaled $473,877.

J. Customer Meter Testing Program

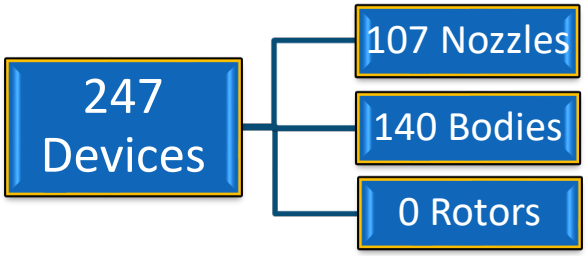
In 2019, as part of the Water Loss Management Program, BAWSCA launched the Customer Meter Testing Program. BAWSCA's contractor, M&M Backflow & Meter Maintenance, supports participating BAWSCA agencies in reducing water losses to an economically optimized level and in complying with water loss requirements implemented by the State of California. The Program has two key components: (a) bench testing of small meters (up to 2-inch diameter) and (b) field testing of large meters (greater than 2-inch diameter).

In FY 2024-25, five BAWSCA member agencies participated in the Customer Meter Testing Program. As seen in Table 4-7, *a total of 549 meters were tested totaling $17,513 in program expenditures*.

K. Irrigation Hardware Rebate Program

BAWSCA's Irrigation Hardware Rebate Program launched in FY 2021-22 provides rebates for the purchase and installation of high-efficiency irrigation equipment. The goal of this program is to enhance irrigation efficiency and reduce outdoor water use while maintaining healthy landscapes.

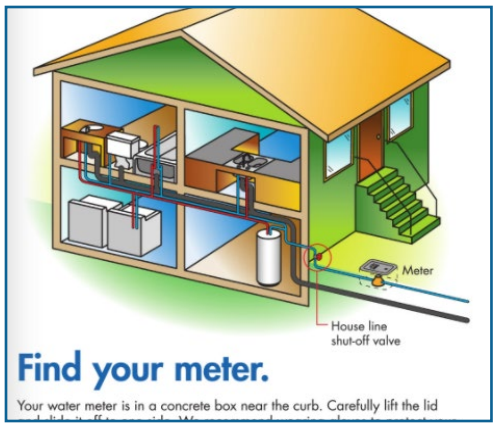
The Program provides rebates of up to $5 for high-efficiency sprinkler nozzles, up to $10 for spray bodies with pressure regulation, and up to $30 for large rotors. BAWSCA utilizes EPA Water Sense labeled products in its subscription rebate programs when available. Each item on the Qualifying Product List (QPL) for the Irrigation Hardware Rebate Program is either EPA Water Sense labeled or has some component of pressure regulation to reduce misting and inefficiencies in larger landscape settings.



In FY 2024-25, five BAWSCA member agencies participated in the Irrigation Hardware Rebate Program. As seen in Table 4-8, *a total of 7 total rebates were issued totaling 247 devices replaced. The BAWSCA member agencies issued rebates for 107 sprinkler nozzles and 140 spray bodies for a total of $1,240, a 20% increase from FY 2023-24.*

L. Residential Self-Audit Tool Program

In FY 2021-22, BAWSCA also launched the Residential Self-Audit Tool as an add on program to the Droplet Rebate Portal. The Program offers the opportunity for residents to order a conservation kit or follow online instructions to conduct an in-home water audit. The Residential Self-Audit Tool Kit includes a step-by-step guide to perform the at-home audit, free water conservation items, toilet dye tablets, and a simple device to help residents measure the flow rates of sinks and showers.



To begin the process, residents have two options: (1) Use the Droplet step-by-step guide for immediate water audit help; or (2) Order a full water audit kit to complete the in-home water audit. Residents can participate in the program by creating a login on the Droplet portal and requesting a kit from a participating member agency.

In FY 2024-25, six member agencies participated in the Residential Self-Audit Tool Program. As seen in Table 4-9, *a total of 7 physical kits were issued, and 54 total audits were conducted. Among those 54 audits, residents identified 0 leak inside the home.* Agency participants offer additional water conservation items to help reduce water waste based on the discoveries of the audits.

Table 1-1: BAWSCA Agency Participation in BAWSCA Regional Conservation Program (FY 2024-25)

	BAWSCA Core Conservation Programs			BAWSCA Subscription Water Conservation Program											
Agency	Landscape Education Class Participants	WaterWise Garden On-Line Tool	Public Outreach (c)	Smart Irrigation Controller Rebates	School Education: WaterWise Kits	School Education: EarthCapades Assemblies	Large Landscape Program (d)	Rain Barrel Rebates (e)	Lawn Be Gone! Landscape Rebates	Customer Meter Testing Program	WaterSense Fixtures Bulk Order	Water Loss Management Program	Home Water Use Reports	Irrigation Hardware Rebates	Residential Self-Audit Tool
Alameda County															
Alameda CWD	X	X	X	X			X	X	X			X		X	
Hayward	X	X	X	X	X	X	X	X				X			X
San Mateo County															
Brisbane/GVMID	X	X	X			X	X	X	X						X
Burlingame	X	X	X	X	X	X	X	X	X			X			
CalWater-BG	X	X	X												
CalWater-MidPen	X	X	X												
CalWater-SSF	X	X	X												
Coastside CWD	X	X	X			X						X			
Daly City	X	X	X								X				
East Palo Alto	X	X	X												
Estero MID	X	X	X		X	X	X	X	X	X		X			X
Hillsborough	X	X	X	X	X	X			X	X		X	X	X	X
Menlo Park	X	X	X	X	X	X	X	X			X	X		X	X
Mid-Peninsula WD	X	X	X	X		X	X	X	X			X		X	
Millbrae	X	X	X		X	X		X			X	X			
North Coast CWD	X	X	X	X	X	X	X	X	X	X		X			
Redwood City	X	X	X	X		X	X	X	X					X	
San Bruno	X	X	X	X		X	X	X	X	X		X	X		X
Westborough WD	X	X	X									X			
Santa Clara County															
Milpitas	X	X	X									X			
Mountain View	X	X	X									X	X		
Palo Alto	X	X	X									X			
Purissima Hills WD	X	X	X									X			
San Jose	X	X	X									X	X		
Santa Clara	X	X	X									X			
Stanford	X	X	X	X											
Sunnyvale	X	X	X					X				X			

Notes:

(a) Tables includes an "X" if an agency has participated in a specific measure in the last fiscal year.

(b) An absence of an "X" may not mean that agency does not implement a measure, just that it does not participate through BAWSCA on that measure.

(c) Includes several different programs that benefit the region, including Garden Tours, Outreach Events, and Sponshorships.

(d) Cal Water and Hillsborough Large Landcape Programs began with BAWSCA but were administered by the agencies starting in FY 2013-14.

(e) Through the San Mateo Countywide Water Pollution Prevention program, all San Mateo county residents were eligible for a $50 rain barrel rebate. Only those agencies that offered a matching rebate are listed.

Table 2-1: BAWSCA Water Conservation Program Budgets

Fiscal Year	Budget	% Change
FY 2001-02	$147,243	--
FY 2002-03	$435,163	196%
FY 2003-04	$229,734	-47%
FY 2004-05	$453,605	97%
FY 2005-06	$485,177	7%
FY 2006-07	$602,599	24%
FY 2007-08	$687,063	14%
FY 2008-09	$980,225	43%
FY 2009-10	$1,635,110	67%
FY 2010-11	$1,299,502	-21%
FY 2011-12	$967,075	-26%
FY 2012-13	$860,763	-11%
FY 2013-14	$831,155	-3%
FY 2014-15	$1,060,118	28%
FY 2015-16	$1,357,352	28%
FY 2016-17	$596,694	-56%
FY 2017-18	$655,949	10%
FY 2018-19	$765,510	17%
FY 2019-20	$681,399	-11%
FY 2020-21	$823,704	21%
FY 2021-22	$1,063,846	29%
FY 2022-23	$1,422,678	34%
FY 2023-24	$1,380,780	-3%
FY 2024-25	$1,429,106	3%
Total	**$20,851,549**	

Table 2-2: BAWSCA Core Regional Water Conservation Program Summary – FY 2024-25

Fiscal Year	Water Efficient Landscape Education Program			Native Garden Tours, Conferences & Symposiums		WaterWise Gardening Website	
	Number of Classes	Number of Attendees	Expenditures	Number of Agencies	Expenditures	Number of Agencies	Expenditures
FY 2005-06 (a)	12	87	$3,173	--	$0	--	$1,500
FY 2006-07 (a)	12	110	$3,150	all	$3,000	all	$13,500
FY 2007-08	13	150	$3,620	all	$4,000	all	--
FY 2008-09 (b)	17	320	$7,199	all	$5,000	all	$5,000
FY 2009-10	41	918	$20,059	all	$5,814	all	$5,100
FY 2010-11 (b)	56	1,283	$25,780	all	$6,500	all	$5,000
FY 2011-12	57	1,498	$26,618	all	$9,739	all	$6,500
FY 2012-13	52	1,306	$25,401	all	$8,184	all	$5,000
FY 2013-14	51	1,191	$29,098	all	$7,000	all	$5,000
FY 2014-15 (c)	64	1,629	$35,104	all	$6,020	all	$11,500
FY 2015-16	71	1,625	$31,397	all	$2,500	all	$5,000
FY 2016-17	68	1,396	$21,232	all	$2,500	all	$5,000
FY 2017-18	48	816	$24,071	all	$2,500	all	$5,000
FY 2018-19	61	1,699	$21,216	all	$2,500	all	$5,000
FY 2019-20	39	2,197	$17,696	all	$2,500	all	$5,000
FY 2020-21	32	1,345	$13,421	all	$2,500	all	$5,000
FY 2021-22	22	723	$11,801	all	$3,000	all	$5,000
FY 2022-23	37	804	$20,003	all	$3,000	all	$5,000
FY 2023-24	46	1,452	$19,946	all	$3,000	all	$5,000
FY 2024-25	56	920	$25,878	all	$3,000	all	$5,000

Notes:

(a) In FY 2005-06 and FY 2006-07 BAWSCA partnered with member agencies to offer 4 landscape classes. However, BAWSCA also helped promote 8 additional classes that were being held by other member agencies (i.e., a total of 12 classes).

(b) The $5,000 per year licensing fee for the GardenSoft software for FY 2010-11 was actually paid for in FY 2008-09 because of the terms of the Agreement.

(c) In FY 2014-15 Water-Wise Gardening Website expenditures include a licensing fee ($5,000) and website redesign and enhancement costs.

Table 2-3: BAWSCA Regional Subscription Water Conservation Program Summary – FY 2024-25

Subscription Program		FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Smart Controller Rebate Program	Number of Agencies	N/A	N/A	N/A	N/A	N/A	6	7	9	11	11	10
	Expenditures	$ -	$ -	$ -	$ -	$ -	$21,020	$42,385	$31,928	$27,611	$22,361	$11,446
Irrigation Hardware Rebates	Number of Agencies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	6	5	4
	Expenditures	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$1,040	$5,147	$1,037	$1,240
Lawn Be Gone! Landscape Rebates	Number of Agencies	12	10	10	8	8	8	8	10	11	10	11
	Expenditures	$141,832	$177,170	$64,236	$36,618	$67,430	$17,608	$42,922	$54,988	$151,867	$242,727	$241,278
Rain Barrel Rebates	Number of Agencies	8	10	9	8	8	8	11	11	13	13	13
	Expenditures	$34,537	$46,484	$12,256	$12,719	$10,255	$6,008	$14,181	$48,404	$52,565	$21,051	$18,806
Large Landscape Audit	Number of Agencies	9	10	9	9	9	9	9	11	13	12	10
	Expenditures	$63,381	$100,992	$92,663	$86,977	$94,900	$110,652	$132,833	$169,698	$167,355	$194,001	$168,012
Residential Self-Audit Tool	Number of Agencies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	4	3	6
	Expenditures	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$3,008	$3,826	$2,250	$3,710
School Education - EarthCapades Assemblies	Number of Agencies	13	13	10	10	11	13	14	14	14	14	15
	Expenditures	$52,180	$64,575	$58,895	$62,695	$58,270	$82,800	$98,555	$93,315	$102,555	$106,765	$109,005
School Education - Water Wise Kits	Number of Agencies	8	8	8	8	8	8	8	9	9	9	8
	Expenditures	$90,562	$99,582	$99,505	$92,984	$78,566	$52,767	$50,732	$69,639	$80,425	$51,275	$61,891
Customer Meter Testing Program	Number of Agencies	N/A	N/A	N/A	N/A	N/A	4	5	5	5	5	5
	Expenditures	$ -	$ -	$ -	$ -	$ -	$5,082	$17,920	$21,030	$10,358	$29,670	$18,153
Home Water Use Reports	Number of Agencies	N/A	3	4	4	4	4	4	5	6	7	6
	Expenditures	$ -	$325,751	$235,530	$311,807	$282,974	$217,029	$274,876	$293,875	$357,405	$364,934	$273,919
WaterSense Fixtures Bulk Purchase Program (c)	Number of Agencies	N/A	N/A	5	3	4	2	2	4	5	3	7
	Expenditures	$ -	$ -	$4,877	$20,578	$5,042	$4,382	$2,903	$17,755	$5,954	$11,219	$13,892
Water Loss Management Program	Number of Agencies	N/A	N/A	N/A	N/A	16	16	17	20	21	21	21
	Expenditures	$ -	$ -	$ -	$ -	$139,358	$138,855	$125,476	$239,366	$429,606	$303,295	$473,877

Notes:

(a) Cal-Water continues to offer a landscape retrofit program, but now implements the program independently because it has taken the BAWSCA program state-wide in all of its districts, and is not included herein.

(b) HET Program ended in FY 2019-20 and has been removed from the table

(c) FY 2017-18 expenditures includes purchases by Ecology Action, a non-profit organization installing water-efficient fixtures in disadvanged communities in the BAWSCA service area.

Table 4-1: Lawn Be Gone Rebates Summary – FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Total Rebates Issued	Total Square Feet Converted	Estimated Annual Water Savings (acre-feet, AF) (a)	BAWSCA Administrative Cost (b)	Program Cost (Rebates Paid to Customers) (c)	Unit Cost of Water Saved ($/AF) (d)
FY 2010-11	9	16	17,079	0.98	$1,734	$5,017	--
FY 2011-12	9	16	37,635	2.09	$3,760	$14,018	$434
FY 2012-13	10	16	10,226	0.70	$2,914	$5,697	$628
FY 2013-14	12	17	11,852	0.82	$2,420	$8,972	$709
FY 2014-15	12	100	89,349	6.2	$10,329	$131,503	$1,168
FY 2015-16	10	93	102,461	5.9	$3,540	$173,630	$1,459
FY 2016-17	10	42	40,025	2.3	$840	$63,396	$1,428
FY 2017-18	8	23	23,430	1.3	$1,380	$35,238	$1,370
FY 2018-19	8	28	55,094	3.2	$1,472	$65,958	$1,089
FY 2019-20	8	10	9,063	0.5	$1,198	$16,410	$1,728
FY 2020-21	8	18	16,963	0.97	$5,760	$37,162	$2,058
FY 2021-22 (e)	10	23	25,543	1.47	$4,060	$50,928	$1,915
FY 2022-23	11	61	72,818	4.18	$5,960	$145,907	$1,855
FY 2023-24	10	51	141,393	8.11	$2,420	$240,307	$1,527
FY 2024-25	11	61	117,092	6.72	$1,980	$241,278	$1,848
Totals	**--**	**575**	**$770,023**	**45.45**	**$49,767**	**$1,235,421**	**--**

Notes:

(a) Estimated water savings based on water use differential between a turf grass (assumed to use 3.5 acre-feet per acre) and either water-efficient plantings (assumed to use 1.0 acre-feet per acre) or permeable hardscape, which is assumed to use no water.

(b) Includes BAWSCA staff hours, database management, materials design and printing and other administrative services.

(c) In FY 2014-15, the cost to agencies was $1 to $2 per square foot of turf grass replaced. In FY 2015-16 to present, the cost to agencies was $1 to $4 per square foot of turf replaced.

(d) Assumes a 15-year project life and 15 years of resultant water savings. Assumes a discount rate of 3.01% and a cost of water of $2,470 per acre-foot each, which represents the SFPUC FY 24-25 rate including bond surcharges.

(e) In FY 2021-22, ACWD and Town of Hillsborough joined the Lawn Be Gone Rebate Program.

Table 4-2: Rain Barrel Rebates Summary – FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies (e)	Rebates Issued by BAWSCA Agencies	Additional Rebates Issued by SMCWPPP (b)	Total Barrels Rebated (c)	Total Barrel Capacity (gallons) (c)	BAWSCA Administrative Cost	Program Cost (Rebates Paid to Customers)
FY 2014-15 (a)	8	331	110	N/A	N/A	$6,808	$27,729
FY 2015-16	10	445	122	N/A	N/A	$8,436	$38,048
FY 2016-17	9	74	37	N/A	N/A	$4,562	$7,694
FY 2017-18	8	69	37	N/A	N/A	$5,259	$7,460
FY 2018-19	8	53	13	N/A	N/A	$4,551	$5,704
FY 2019-20	8	38	4	N/A	N/A	$3,100	$2,908
FY 2020-21	11	66	16	126	19,939	$3,990	$10,191
FY 2021-22 (d)	11	258	110	608	33,734	$5,440	$42,964
FY 2022-23	13	340	52	637	38,204	$5,180	$47,385
FY 2023-24	13	115	23	219	13,283	$4,290	$16,761
FY 2024-25	13	77	39	194	9,980	$4,180	$14,626
Totals	**--**	**1,866**	**563**	**1,784**	**115,140**	**$55,796**	**$221,468**

Notes:

(a) Program launched on October 1, 2014

(b) Rebates within San Mateo County, outside the service area of a participating BAWSCA member agency, are funded entirely by the SMCWPPP.

(c) With the launch of the Droplet Rebate Portal, BAWSCA began tracking total number of barrels and total barrel capacity in FY 2020-21

(d) In FY 2021-22, Town of Atherton joined the Rain Barrel Rebate Program.

(e) San Mateo is a participant in the program, however, the city is not a BAWSCA member agency.

Table 4-3: Large Landscape Audit Summary – FY 2024-25

Program Information	Number of Participating BAWSCA Agencies	Number of Landscaping Sites (f)	Estimated Annual Water Savings (acre-feet, AF) (a)	BAWSCA Administrative Cost (d)	Program Cost	Unit Cost of Saved Water ($/AF) (e)
FY 2002-03	4	240	N/A	--	$65,132	N/A
FY 2003-04	5	240	299	--	$23,802	$80
FY 2004-05	4	258	212	--	$29,663	$140
FY 2005-06	5	258	520	--	$24,720	$48
FY 2006-07	6	273	543	--	$23,362	$43
FY 2007-08	9	630	602	--	$84,425	$63 - 124
FY 2008-09 (b)	11	712	435	--	$108,382	$83 - 125
FY 2009-10 (c)	12	958	1,080	$1,776	$162,103	$58
FY 2010-11	9	646	632	$1,332	$102,764	$82
FY 2011-12	9	711	786	$1,332	$66,045	$131
FY 2012-13	9	810	990	$1,332	$66,045	$90
FY 2013-14	8	787	865	$1,184	$85,632	$99
FY 2014-15	9	1,248	2,204	$1,332	$62,049	$29
FY 2015-16	9	973	1,432	$1,184	$99,808	$71
FY 2016-17	9	967	923	$1,184	$91,479	$100
FY 2017-18	9	994	949	$1,184	$85,793	$92
FY 2018-19	9	1,017	971	$1,332	$94,900	$99
FY 2019-20	9	1,435	1,370	$1,332	$110,652	$82
FY 2020-21	9	1,433	1,368	$1,332	$132,833	$98
FY 2021-22	11	1,831	1,748	$1,628	$169,698	$98
FY 2022-23	13	1,786	1,705	$1,924	$165,431	$98
FY 2023-24	12	1,649	1,574	$1,776	$192,225	$123
FY 2024-25	10	2,000	1,909	$1,480	$166,532	$88
Totals	**--**	**21,856**	**23,115**	**$22,644**	**$2,213,475**	**--**

Notes:

(a) Water savings estimated on a calendar year basis. Savings reflect the difference between reporting year's water use and pre-program annual water use.

(b) For FY 2008-09, includes water use for the sites that have been in the program since 2004.

(c) For FY 2009-10, includes water use for the sites that have been in the program prior to 2009.

(d) Includes BAWSCA staff hours, materials printing and other administrative services.

(e) For FY 2007-08 though FY 2012-13, unit cost of saved water from Landscape Program Summary Reports (2008; 2009; 2010; 2011; 2012; 2013).

(f) Does not include California Water Service sites beginning in FY 2015-16.

Table 4-4: Water Wise School Education Summary – FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Number of Participants	Estimated Annual Water Savings (gallons per kit) (a) (b)	Estimated Lifetime Savings for Kits Installed (acre-feet, AF) (a) (b)	BAWSCA Administrative Cost (c)	Program Costs (Kit Distribution)	Unit Cost of Saved Water ($/AF) (b)
FY 2005-06	6	1,554	17,451	499	--	$51,671	$103
FY 2006-07	11	2,871	17,451	922	--	$93,023	$101
FY 2007-08	14	3,737	17,451	1,201	--	$126,819	$106
FY 2008-09	14	3,685	9,785	975	--	$111,515	$114
FY 2009-10	12	2,903	6,475	512	--	$104,091	$203
FY 2010-11 (d)	8	3,342	4,844	316	$4,887	$117,103	$385
FY 2011-12 (d)	8	3,221	3,892	262	$3,221	$108,951	$427
FY 2012-13 (d)	6	2,144	5,110	165	$2,144	$67,859	$425
FY 2013-14 (d)	8	2,668	4,324	184	$2,668	$84,747	$474
FY 2014-15 (d)	8	2,676	4,965	216	$2,676	$87,886	$420
FY 2015-16 (d)	8	2,452	5,284	228	$2,452	$97,130	$437
FY 2016-17	8	2,519	5,709	261	$2,519	$96,986	$382
FY 2017-18	8	2,315	5,284	228	$2,315	$90,669	$408
FY 2018-19	7	2,037	3,891	136	$2,037	$76,529	$580
FY 2019-20	8	1,370	4,126	96	$1,370	$51,397	$552
FY 2020-21	8	1,272	3,206	73	$1,272	$50,732	$716
FY 2021-22	9	1,621	2,572	74	$1,621	$68,018	$941
FY 2022-23	9	1,810	3,059	103	$1,810	$78,615	$781
FY 2023-24	8	1,115	1,819	34	$1,115	$50,160	$1,508
FY 2024-25	8	1,381	1,940	64	$1,381	$60,510	$961
Totals	--	**46,693**	**128,639**	**6,548**	**$33,488**	**$1,674,411**	--

Notes:

(a) For years prior to FY 2008-09, water savings estimated based on an assumed 60 percent installation rate and a 10 year lifetime.

(b) For FY 2008-09 through FY 2013-14, water savings estimated based on actual reported installation rate and a 10 year lifetime. (Resource Action Reports, 2009; 2010; 2011; 2012).

(c) Includes BAWSCA staff hours, materials design and printing and other administrative services.

(d) Starting in 2010 water savings estimates were modified to reflect updated estimates by EPA WaterSense.

Table 4-5: Smart Irrigation Controller Rebate Program FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Controllers Issued by BAWSCA Agencies	Estimated Annual Water Savings (acre-feet, AF) (b)	Estimated Lifetime Savings for Kits Installed (acre-feet, AF) (c)	BAWSCA Administrative Cost	Program Cost (Rebates Paid to Customers)	Unit Cost of Saved Water ($/AF)
FY 2019-20	6	256	5.9	58.9	$0	$21,020	$3,570
FY 2020-21	7	504	11.6	115.9	$1,000	$41,385	$3,656
FY 2021-22	9	401	9.2	92.2	$1,000	$30,928	$3,462
FY 2022-23	11	329	7.6	75.7	$1,000	$24,272	$3,340
FY 2023-24	11	272	6.3	62.6	$1,000	$22,361	$3,734
FY 2024-25	10	152	3.5	35.0	$1,000	$11,446	$3,560
Totals	**--**	**1,914**	**44.0**	**440.2**	**$5,000**	**$151,411**	**$21,322**

Notes:

(a) Program launched on February 18, 2020

(b) Estimated Water Savings assumptions: Estimating 55 annual inches of water, the project falls within Climate Zones 13 and 14 as identified by DWR California Irrigation Management Information System Stations which have an ETo of 57 and 54 inches respectively. Homes in the area average about 2,000 square feet (sq ft) of landscaping. The total estimated applied water for cool season turf grass is 68,530 gallons per site. This is calculated by (55 inches per year) * 2,000 sq ft * 0.623 (inches/sq ft/gallons) = 68,530 gallons used per site. Finally, 30% savings is estimated from SMART Controllers and efficiency upgrades (drip systems, etc.) installation. Water Savings estimated at 0.023 AF per controller.

(c) Lifetime savings assumes a 10-year project life

Table 4-6: Home Water Use Reports Program FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Number of Households Enrolled	BAWSCA Administrative Cost (a)	Program Costs	Unit Cost of Saved Water ($/AF)
FY 2015-16	3	50,350	$0	$325,751	$1,305
FY 2016-17	4	56,300	$600	$234,930	$841
FY 2017-18	4	73,205	$600	$311,207	$857
FY 2018-19	4	73,275	$600	$282,374	$777
FY 2019-20	4	72,589	$600	$216,429	$601
FY 2020-21	4	72,589	$600	$274,276	$762
FY 2021-22	5	90,607	$750	$293,125	$652
FY 2022-23	6	94,957	$900	$356,505	$607
FY 2023-24	7	95,157	$1,050	$363,884	$472
FY 2024-25	6	100,951	$900	$273,019	$255
Totals	**--**	**--**	**$5,700**	**$2,931,500**	**--**

Notes:

(a) BAWSCA administration not charged in first program year. Ongoing cost is $150 per agency.

Table 4-7: Customer Meter Testing Program FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Customer Meters Tested	BAWSCA Administrative Cost (a)	Program Cost
FY 2019-20	4	225	$512	$4,570
FY 2020-21	5	716	$640	$17,280
FY 2021-22	5	688	$640	$20,390
FY 2022-23	5	492	$640	$9,718
FY 2023-24	5	946	$640	$29,030
FY 2024-25	5	549	$640	$17,513
Totals	**--**	**3,616**	**$3,712**	**$98,501**

Notes:

(a) BAWSCA administration fee waived for first year of the program.

Table 4-8: Irrigation Hardware Rebate Program FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Total Rebates Issued	Total Devices Rebated (b)	BAWSCA Administrative Cost (a)	Program Cost (Rebates Paid to Customers)
FY 2021-22	5	9	130	$45	$995
FY 2022-23	6	19	790	$95	$5,052
FY 2023-24	5	11	205	$55	$1,037
FY 2024-25	4	7	247	$35	$1,240
Totals	**--**	**46**	**1,372**	**$230**	**$8,324**

Notes:

(a) BAWSCA staff time for Program adminstration.

(b) Qualifying products include EPA Water Sense high effeciency sprinkler nozzles, spray bodies with pressure regulation and large landscape rotors.

Table 4-9: Residential Self-Audit Tool Program FY 2024-25

Fiscal Year	Number of Participating BAWSCA Agencies	Total Online Kits Issued (a)	Total Physical Kits Issued (b)	Total Kits	Leaks Identified	Program Cost
FY 2021-22	3	17	23	40	6	$3,008
FY 2022-23	4	16	11	27	0	$3,826
FY 2023-24	3	14	4	18	1	$2,250
FY 2024-25	6	47	7	54	0	$3,710
Totals	**--**	**94**	**45**	**139**	**7**	**$12,793**

Notes:

(a) The Residential Self-Audit Tool Program offers the opportunity for residents to follow online instructions to conduct the home audit. A physical kit is not needed to conduct the audit.

(b) The physical kits comes with a step-by-step guide to perform the at-home audit, free water conservation items, toilet dye tablets, and a simple device to help residents measure the flow rates of sinks and showers.