



Dublin San Ramon
Services District

Water, wastewater, recycled water

2024

Pollution Prevention Report

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Introduction

This report on the Dublin San Ramon Services District Pollution Prevention Program from January 1 through December 31, 2024, is prepared in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) Order R2-2022-0024, NPDES Permit CA0037613.

DSRSD Background and Service Area

Founded in 1953, Dublin San Ramon Services District (DSRSD) serves 191,800 people, providing potable and recycled water service to the City of Dublin and the Dougherty Valley area of the City of San Ramon, wastewater collection and treatment to the City of Dublin and southern City of San Ramon, and recycled water supplier and wastewater treatment to the City of Pleasanton (by contractual agreement). DSRSD's distribution and collection network includes 348 miles of potable water pipe, 72 miles of recycled water pipe, and 229 miles of the collection system, along with 14 potable water reservoirs, 17 potable water pump stations, four recycled water reservoirs, five recycled water pump stations, and two wastewater lift stations. DSRSD pumps effluent to San Francisco Bay through pipelines operated by the Livermore Amador Valley Water Management Agency (LAVWMA) into the East Bay Dischargers Authority (EBDA) for disposal.

Treatment Plants and Processes

The wastewater treatment plant discharges under the National Pollutant Discharge Elimination System (NPDES) Order No. R2-2022-0024, effective September 1, 2022. With a permitted capacity of 20.2 million gallons per day (MGD) (which consists of 17.0 MGD domestic wastewater plus 3.2 MGD of Zone 7 brine), the plant treats approximately 12.72 MGD of wastewater utilizing an activated sludge process, sedimentation, and hypochlorite disinfection. An adjacent water recycling plant applies advanced tertiary treatment to up to 16.2 MGD of secondary effluent using enhanced sand filtration. Following advanced tertiary treatment, it receives ultraviolet disinfection.

CHAPTER 1

Pollutants of Concern and their Sources

A pollutant of concern (POC) is defined as a substance that exceeds the applicable water quality objectives from the California Toxics Rule (CTR), the NPDES permit limits, or the water quality criteria established in the Regional Water Quality Control Board (RWQCB) Basin Plan. The DSRSD identifies pollutants of concern:

- When they are designated as such by the RWQCB in the DSRSD's NPDES permit, or
- When applicable, pollutants are addressed by the Bay Area Pollution Prevention Group (BAPPG) through Bay Area Clean Water Agencies (BACWA), and
- By reviewing monitoring data from DSRSD and EBDA influent, effluent, biosolids, and industrial discharges.

DSRSD has had a Pollution Prevention Program since 1995. During the current reporting period, DSRSD staff monitored and focused on reducing the following pollutants of concern: mercury, copper, fats/oils/grease (FOG), and pesticides in flea and tick control products. DSRSD has performed evaluations for cyanide and polychlorinated biphenyls (PCBs) and determined control programs are not necessary. DSRSD also actively participates in several regional collaborations, i.e., with BAPPG, to address pollution minimization. Priorities and accomplishments are outlined in Chapter 4, Table 5.

The list below identifies the sources of pollutants of concern:

- Mercury – dentists (amalgam waste) and the public (thermometers, light bulbs, mercury-containing products)
- Copper – vehicle service facilities and pool/spa maintenance
- Fats/Oils/Grease (FOG) – kitchen waste from restaurants and residences
- Pesticides in flea and tick control products – pet owners
- Trash and wipes – residences
- PFAS – industrial and residential
- Pharmaceuticals – improper disposal by the public and human consumption
- Cyanide – industrial users
- PCBs – industrial user

CHAPTER 2

Tasks to Minimize Pollutants

Pretreatment and Waste Minimization Audits for Industrial Users

Environmental Compliance inspectors continue to look for ways to expand and enhance the DSRSD's Pretreatment Program to reduce pollutants discharged into the sanitary sewer system. The Pretreatment Program currently has 28 permitted industrial and commercial users. During annual inspections, DSRSD staff evaluate the users' practices for cleaning, storing material and waste, and cleaning up secondary containment, as well as their efforts for minimizing waste. Detailed information is available in DSRSD's Pretreatment Program Annual Report.

Mercury Control

Dental Amalgam Waste

Mercury continues to be a pollutant of concern for DSRSD since mercury impairs the San Francisco Bay. The RWQCB adopted a Total Maximum Daily Load (TMDL) for mercury in 2006. The regional watershed permit, Order No. R2-2022-0038, requires San Francisco Bay municipal wastewater dischargers to implement and maintain programs that reduce discharges of mercury amalgam waste from dental practices.

Developed in accordance with permit requirements and current American Dental Association guidelines, DSRSD Code Chapter 5.20, wastewater discharge and pretreatment regulations require dental offices that generate mercury amalgam waste to implement Best Management Practices (BMPs) and install amalgam separators approved by the International Standards Organization (ISO).

On July 14, 2017, the EPA's Final Dental Rule 40 CFR Part 411 became effective. The Final Rule is technology-based pretreatment standards under the Clean Water Act to reduce mercury discharges from dental offices. The Final Rule requires dental offices to submit a one-time compliance report to DSRSD, and applicable dental offices to install amalgam separators and implement best management practices. New dental dischargers are required to install approved amalgam separators and submit the one-time compliance report within 90 days after the first discharge to the publicly owned treatment works (POTW). All 103 permitted dental facilities have submitted the one-time compliance report, verifying the installation of an approved amalgam separator and implementing the best management practices (BMP).

The Mercury Source Control Program activities for Calendar Year (CY) 2024 include:

- Receive one-time compliance reports.
- Permit qualifying dental practices.
- Receive documentation from applicable dental practices that amalgam separators are installed and BMPs are implemented.
- Maintains an up-to-date database of dental facilities.

During the next 12-month period, the program plans to:

- Continue to implement the EPA's Dental Final Rule requirements.
- Continue to maintain an up-to-date list of dental practices while ensuring all have submitted EPA's one-time compliance report, installed approved amalgam separators, and implemented the BMPs.
- Issue permits to applicable dental practices.

Collection and Recycling

DSRSD educates employees and the public on an ongoing basis about problems associated with mercury. In addition, DSRSD has a collection and recycling program for mercury-containing products such as thermometers, light bulbs, and thermostats. The program is explained further in Chapter 3, Public Outreach.

Copper Control

Twelve influent and effluent samples were collected in CY 2024, and the monthly discharge limit was not exceeded. To ensure that copper concentrations remain well below the maximum allowable limits, DSRSD will continue inspections, sampling, and outreach efforts as outlined below. See also Chapter 4, Table 2.

- Businesses that wash vehicles as part of their work must install wash pads equipped with solids removal devices (sand/oil interceptor), which are routinely inspected.
- Mandatory installation of dental amalgam separators will also contribute to copper control since amalgam waste does contain some copper.
- Residential and commercial customers are allowed to discharge pool and spa wastewater to the sanitary sewer system to avoid discharge to the storm drain system. DSRSD's website provides information regarding proper pool and spa maintenance to minimize copper-based algaecides being discharged to the sewer system.

Fats/Oils/Grease (FOG) Control

DSRSD has had a grease reduction program for more than 27 years. Currently, 208 food service establishments and automotive repair shops participate in this program. Most restaurant grease traps and grease interceptors are inspected to ensure that equipment is functioning as designed and being serviced at proper intervals.

District staff prioritizes inspections based on the facilities' history of grease buildup in the collection system, responds to incidents of grease accumulation in sewer lines to assist collection crews, and contacts the suspected sources of FOG contributions. In 2024, staff performed 145 grease trap inspections.

For more information on inspection results, refer to Chapter 4, Table 4. Public outreach on FOG is discussed further in Chapter 3, Wipes and Fog.



Pharmaceutical Collection

In 2014, the City of Pleasanton and DSRSD opened a permanent pharmaceutical collection center within the City of Pleasanton Police Department. In May 2017, the collection center became part of the Alameda Medication, Education, and Disposal Project (Med Project). The Pleasanton Police Department continues to house and supervise the collection kiosk. The center is open 24 hours a day, seven days a week.

The City of Dublin opened a permanent pharmaceutical collection site within the Dublin Police Services lobby on November 20, 2017. The collection site is accessible to the public from Monday through Friday, 8:00 a.m. to 5:00 p.m. This is a free service open to the public.



Cyanide Control

DSRSD has submitted to the RWQCB an inventory of potential contributors of cyanide to the Regional Wastewater Treatment Facility and determined there are no potential contributors of cyanide to the treatment plant. Cyanide levels were low and not considered to be significant in the Significant Industrial User (SIU) discharges, treatment plant influent, and final effluent, as explained below.

During the reporting year, 45 compliance samples were collected from industrial users and analyzed for cyanide. All samples were below the local limit of 0.50 mg/L.

All influent and effluent sample results were less than the 5.0 ug/L reporting limit. Based on all the data, DSRSD concludes that a cyanide control program is not necessary at this time.

PCBs Control

NPDES Permit, Order R2-2022-0038, requires DSRSD to evaluate controllable sources of polychlorinated biphenyls (PCBs) to the treatment plant. PCBs have been found in older building sealants, but it is unlikely PCBs would be discharged to the sanitary sewer system during building remodeling or demolition. Sealants are solid and would be physically removed with other debris during renovation, with little chance of being washed into the sanitary sewer. Furthermore, DSRSD requires sanitary sewer systems to be disconnected during building demolition. In past years, DSRSD has reviewed sampling data from industrial and commercial users within its service area and determined no potential contributors of PCBs to the treatment plant.

Trash and Wipes

Toilets should not be used as trash cans. In addition, non-woven wipes and other non-flushable items such as hair, Q-tips, and all hygiene products claiming to be biodegradable or flushable should not be discarded into the toilet. These items are known to cause problems with POTW's pump station equipment, grinders, and other infrastructure, as well as sanitary sewer clogs and overflows. BAPPG group members continuously perform public outreach on this topic. DSRSD's outreach efforts are discussed further in the public outreach section of this report.

Pesticides

DSRSD notified and educated customers and businesses about protecting waterways from pesticides such as fipronil, Imidacloprid, Indoxacarb, and pyrethroids. These pesticides are widely used on pets for flea and tick control. Spot-on treatments, collars, sprays, shampoos, and foggers can contain pesticides that spread around the home and can end up in waterways when people bathe pets, wash bedding, or clean any floors or upholstery that may come into contact with house pets treated with these pesticides.

Pet owners can avoid exposing themselves, local waterways, and the San Francisco Bay to toxic pesticides by talking to their veterinarians about available oral medications to control fleas and ticks.

DSRSD posted information on social media about flea and tick control options.



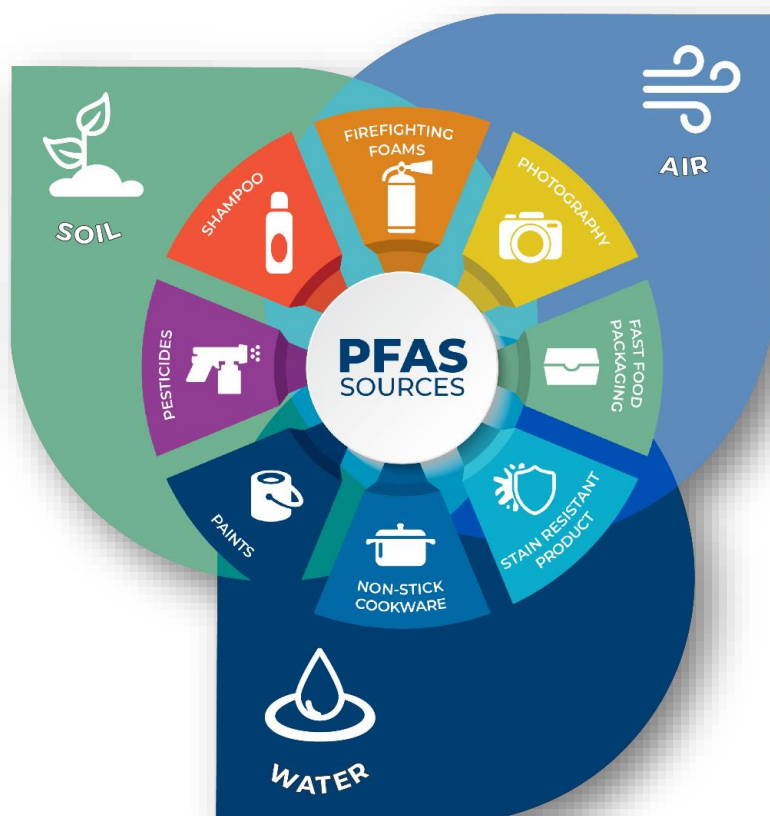
PFAS

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made fluoridated compounds used for various industrial and residential applications. PFAS chemicals have been used in multiple products worldwide since the 1940s. They do not fully break down and are often called “forever chemicals.” These chemicals have become popular and used widely due to their resistance to heat, water, and oil. They can be found in food containers, electronics, carpets, paint, sealants, varnishes, firefighting foams, and many household products such as nonstick cookware, furniture, clothing, cosmetics, lubricants, paint, carpets, pizza boxes, and popcorn bags.

DSRSD staff contacted local fire departments within the service area about the proper disposal of firefighting foam and distributed a “How to Properly Dispose of PFAS” flyer to ensure fire departments were aware of the phase-out date, January 1st, 2022.

The District supports BAPPG’s efforts to track sources of PFAS in wastewater and legislative efforts to ban and/or restrict the use of PFAS substances in household products.

DSRSD staff continuously updates the [PFAS Information](#) page on the “Outreach” section of the website.



CHAPTER 3

Outreach Programs

Public Outreach

Dublin San Ramon Services District uses public outreach programs to reduce sources of pollutants of concern, encourage proper disposal of wastewater pollutants, and educate adults and children about how wastewater and stormwater become polluted and what they can do to prevent it.

The DSRSD website contains all forms, program descriptions, staff contacts, and resources for Pretreatment and Pollution Prevention Program participants.

In addition, DSRSD collaborates with other wastewater agencies to provide pathways to careers related to pollution prevention, prevent pollution of our waterways more efficiently and effectively, and advocate for legislation, regulations, and new technologies that reduce and prevent pollution.

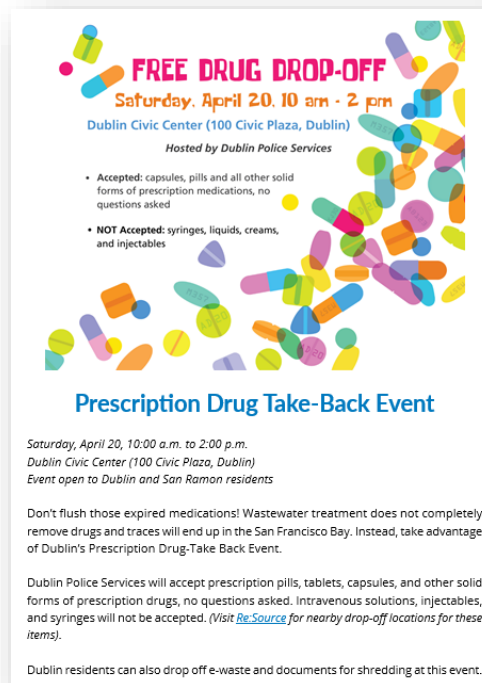
Waste Mercury Collection and Recycling

DSRSD encourages the public and employees to properly dispose of thermometers, light bulbs, batteries, and other mercury-containing products through its website. Webpages focus directly on [dental offices](#) and [public use](#), such as light bulbs, thermometers, and batteries.

Waste Pharmaceuticals Collection

DSRSD uses its website, social media, and Pipeline eNewsletter to promote ways for residents to dispose of waste pharmaceuticals properly. These include permanent drop boxes operated by police departments in the cities of Dublin, San Ramon, and Pleasanton, as well as regional collection sites found through search engines such as the [Bay Area Pollution Prevention Group \(BAPPG\) website](#) and [Med Project website](#).

In April and October 2024, the District promoted pharmaceutical take-back events conducted by Dublin Police Services. DSRSD publicized these on Facebook, Twitter, and its eNewsletter to inform residents about the events.



DSRSD promotes drug take-back events through its social media channels and its monthly eNewsletter.

“Flushable” Wipes and FOG

DSRSD promotes proper disposal of so-called “flushable” products and fats, oil, and grease (FOG) on its [“What Not to Flush”](#) webpage. Links to the [Bay Area Pollution Prevention Group \(BAPPG\) website](#) and [Resource by StopWaste](#) provide searchable directories of FOG collection centers.

DSRSD used social media to continue its outreach. DSRSD tied in FOG messaging with the fall and winter holidays when people cook large meals, with social media posts describing how to dispose of FOG properly.

DSRSD also continued to work with the California Association of Sanitation Agencies’ communications committee and the Responsible Flushing Alliance (RFA) to spread the word about how single-use wipes clog pipes. Additionally, the District shared posts from other regional agencies about the problems involved when flushing wipes and gave an interview to a local media outlet about the impacts of non-flushable products in wastewater systems.

Throughout the year, the District utilized a closed-circuit television (CCTV) truck to promote FOG messaging on its exterior. The vehicle was used at local community events and throughout the year in DSRSD’s service area.

Pyrethroids

In September and October, a bill insert promoting pollution prevention in the application of flea and tick medications for pets was distributed to DSRSD’s service area.

Additionally, an article was included in the [January 2024](#) Pipeline eNewsletter.

Copper

An article was included in the [June 2024](#) Pipeline eNewsletter informing residents of the impacts of pool water – containing chemicals such as copper – on aquatic wildlife and the San Francisco Bay.



DSRSD posts proper FOG disposal messaging on its social media channels.



DSRSD’s closed-circuit television truck featuring FOG messaging is used in the field and at community events.

Educational Efforts for Adults

Wastewater Treatment Plant Tours

DSRSD staff provide quarterly tours of the Regional Wastewater Treatment Facility. Tours are conducted by Operations staff and emphasize how individuals and businesses can prevent pollution through proper disposal of hazardous waste and grease. During 2024, eleven special in-person tours and three public in-person tours were held, with a total of 250 attendees.

Additionally, video tours of the DSRSD wastewater and recycled water plants were available on the DSRSD's YouTube channel and website.



A DSRSD Wastewater Treatment Plant Supervisor provides an in-person tour during 2024.

Pipeline eNewsletter

The District publishes the monthly Pipeline electronic Newsletter to help get the word out about DSRSD news and messages to more than 14,000 customers. The newsletter promoted pollution prevention messaging throughout the year, including drug take-back events and proper FOG disposal during holiday cooking, with links to more information about waste drop-off locations.



DSRSD staff present pollution prevention information to participants in the Citizens Water Academy.

Citizens Water Academy

In 2024, DSRSD held its biennial Citizens Water Academy, a three-evening in-person program focused on water, wastewater, and recycled water provided by the District for 24 participants. The program included an overview of the District's pollution prevention program, and steps residents can take to reduce pollutants entering the system.

Education Programs for Children

Zone 7 Water Agency "Water Academy"

Zone 7 Water Agency (Zone 7), DSRSD's water wholesaler, visits classrooms in DSRSD's service area to teach various grade levels about pollution prevention. Zone 7 made lessons available in-person and virtually through a series of videos.



Zone 7 Water Agency instructors teach pollution prevention lessons to students in DSRSD's service area.

During the 2023-2024 school year, Zone 7 offered lessons for different ages, including a Grade 2 lesson, *Creek and Stream Environments*, and a middle school lesson, *The Wonder Down Under*.

The second-grade lesson teaches how water from storm drains and pollution from residential areas ends up in creeks and how students can prevent such pollution. The middle school lesson teaches students how groundwater and surface water systems are connected, what pollutants are common to the Tri-Valley area, and the effects of urban development on the watershed.

In Dublin and San Ramon's Dougherty Valley, the program visited approximately 200 classrooms with about 5,200 students. Teachers were also able to directly access the virtual lessons for use in the classroom.

Free Lesson Plans

DSRSD's website offers free lesson plans for grades K-6.

- Grade 3, *The Amazing Watershed*, teaches pollution prevention and watershed protection.
- Grade 5, *Every Drop Counts*, reveals how little potable water we have on the Earth and the need to recycle and protect water.
- Grade 6, *Sum of the Parts*, demonstrates the cumulative effects of pollution and the best management practices that protect the Earth's resources.

The "[Classroom Programs About Water](#)" webpage received over 150 views in 2024.



Youth groups in DSRSD's service area learn about FOG, pollution, and wipes in the DSRSD comic book.

Special Events & Guest Speakers

DSRSD responded to requests from local schools for guest speakers. In March 2024, DSRSD presented a live, in-person experiment for a local elementary school, demonstrating the dissolution of wipes and other paper products in water.

"Defenders of the Bay" Comic Book

As part of its education efforts for children, in 2024, DSRSD introduced a "Defenders of the Bay" comic book that portrays DSRSD's heroes battling against the evil forces of FOG, trash, and wipes that threaten collection systems. The books are being distributed at public events and to youth groups in DSRSD's service area upon request.



Dublin student Braedyn Mendonca is recognized by the DSRSD Board for his second-place project.

Science Fair Scholarships

DSRSD is one of 11 agencies participating in the special regional Excellence in Water, Wastewater, & Recycled Water Research Award for the 2024 Alameda County and Contra Costa County Science and

Engineering Fairs. The awards honor outstanding student research on water and wastewater topics.

In May 2024, the DSRSD Board of Directors recognized one student from DSRSD's service area who won for their project. Dublin middle school student Braedyn Mendonca received second place for his project, "Solar Drops of Hope".

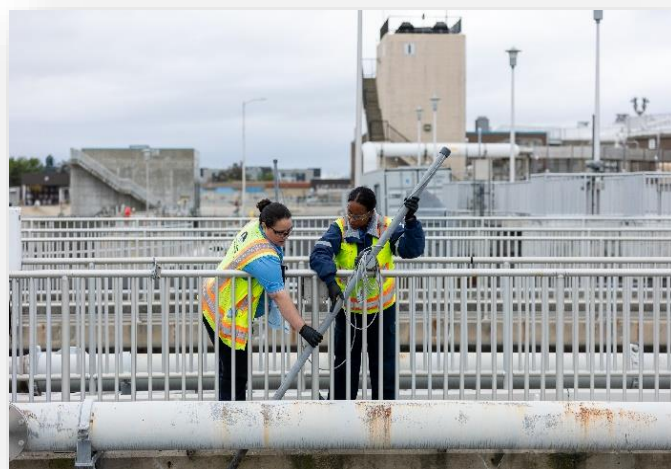
Career Training

BAYWORK

DSRSD also participates in and supports BAYWORK, a consortium of Bay Area water and wastewater utilities dedicated to ensuring a reliable workforce for the industry, by providing training resources, participating in career fairs, and sharing its expertise through presentations.

Operator-in-Training (OIT) Program

DSRSD routinely offers an Operator-in-Training (OIT) program designed to prepare individuals for careers in wastewater and recycled water treatment operations. Participants in this program receive hands-on experience and classroom instruction, learning essential practices, procedures, and regulations related to wastewater, water, sewer collection systems, and recycled water treatment. The program aims to provide a pathway to stable, well-compensated, and essential roles that protect public health and the environment. In 2024, DSRSD employed two OITs.



An Operator in Training learns to collect samples at the wastewater treatment plant.

Scholarships

As a part of DSRSD's professional memberships, annual scholarships are offered by the Association of California Water Agencies (ACWA) to undergraduate students majoring in engineering, irrigation technology, environmental sciences, public administration, fisheries science, and other water resources-related fields, as well as a scholarship offered by the California Association of Sanitation Agencies (CASA) to students pursuing higher education in engineering, environmental science, public administration, wastewater operations, or other fields connected to the clean water industry, which includes wastewater treatment, water recycling, and resource recovery.

Public Outreach Campaigns for Wastewater Career Opportunities

During National Public Works Week in May and California Water Professionals Appreciation Week in October, DSRSD highlighted staff members who work in several different departments, such as environmental compliance, engineering, construction inspection, field operations, instrumentation and electrical, plant operations, and customer service.

Profiles were posted to the website, shared on social media, and sent internally to District staff. The Q&A-style profiles described each employee's background on the job and some of the training needed to get started.

DSRSD also updated its "Career Snapshots" brochure, which highlights the wide variety of career tracks in the water/wastewater industry. The brochure is available on the DSRSD website.



DSRSD highlighted several staff members in social media campaigns during National Public Works Week and Water Professionals Appreciation Week.

Employee Outreach

DSRSD holds a New Employee Academy for staff from all departments each year. The Academy teaches staff about reliable water supply and associated challenges, wastewater treatment, recycled water, and potable water distribution. It also includes Regional Wastewater Treatment Facility tours and the Jeffrey G. Hansen Water Recycling Plant. DSRSD held a New Employee Academy session in October 2024.

Partnering with Other Agencies and Cities

Collaborating with other agencies enables DSRSD to reach a broader audience at a lower cost. Additionally, consistent pollution prevention messages and coordinated outreach are particularly important among Bay Area wastewater treatment agencies because of their collective impact from discharging to the San Francisco Bay and its tributaries.

Regional Public Outreach Campaign for Nutrient Reduction

In April 2024, DSRSD joined other regional wastewater agencies and the Bay Area Clean Water Agencies (BACWA) in promoting the pollution prevention benefits of recycled water production, which reduces the flow of nitrogen and other nutrients entering the Bay. Multiple media outlets helped disseminate this message, effectively reaching audiences across the region.

Community Events

In 2024, DSRSD hosted informational booths at four events located within its service area, including the Dougherty Valley/San Ramon Rotary's "Truck Time San Ramon" event, the City of Dublin's Farmer's Market "Community Night," and the Senior Information Resources Fairs for both the Cities of Dublin and San Ramon.

Dublin Water Refill Stations Project

In 2024, DSRSD collaborated with the City of Dublin to install water refill stations at multiple public parks. DSRSD implemented a public education campaign—via social media posts and signage on the stations—to promote the benefits of reducing single-use plastic.



DSRSD hosted informational booths at several events throughout its service area in 2024.

Bay Area Clean Water Agencies (BACWA) Bay Area Pollution Prevention Group (BAPPG)

DSRSD's Clean Water Programs Administrator, Stefanie Olson, participates in BAPPG meetings, a Bay Area Clean Water Agencies (BACWA) committee responsible for implementing public outreach related to pollution prevention.

DSRSD contributes funding to BAPPG to support meaningful information exchanges among wastewater agencies and coordinated regional projects. BAPPG comprises about 45 wastewater agencies that discharge primarily into the San Francisco Bay and local waterways. BAPPG outreach and legislation support efforts are detailed further in the [BAPPG 2024 Annual Report](#).

BACWA Recycled Water Committee

DSRSD's Clean Water Programs Administrator, Stefanie Olson, is the co-chair of the BACWA Recycled Water Committee. The committee promotes and develops recycling to protect the environment and improve water supply reliability for Bay Area communities.

Legislative and Regulatory Advocacy

DSRSD participates in regional, state, and federal associations in an effort to work collaboratively with other agencies on legislative and regulatory issues related to pollution prevention, including BACWA, California Association of Sanitation Agencies (CASA), Association of California Water Agencies (ACWA), WaterReuse Association, and Western Recycled Water Coalition (WRWC).

CHAPTER 4

Measuring Effectiveness & Progress

It is simpler and less costly to measure the effectiveness and progress of site-specific programs than to measure public outreach to raise general awareness.

For site-specific programs related to its industrial, institutional, and commercial customers, DSRSD tracks the number of targeted businesses implementing best management practices, the number of permits issued, the number of inspections conducted, site-specific sampling results, and wastewater treatment plant influent sampling results.

In addition, DSRSD evaluates site-specific outreach and education based on the number of events and participants, the number of materials distributed, the number of impressions, or other activity-based criteria such as the amount of waste (e.g., mercury) collected or survey responses received. DSRSD has not attempted to measure changes in general awareness of pollution prevention messages due to the prohibitive cost of such analysis.

The following tables include criteria used to measure the effectiveness of DSRSD pollution prevention programs and document DSRSD's progress. When a public outreach activity is not easily measured, it is labeled as not applicable (N/A) in the table.

1. Mercury Education and Outreach
2. Copper Education and Outreach
3. FOG Education and Outreach
4. Pharmaceutical Education and Outreach
5. Trash and Wipes Education and Outreach
6. PFAS Education and Outreach
7. Pesticides in Pet Products Education and Outreach

Table 1 – Mercury Education & Outreach

	SOURCE	
	RESIDENCES	DENTAL OFFICES
Audience	General and Employees	Dentists
Message / Program	Direct the public to baywise.org. Employees can dispose of waste mercury products and used batteries at the district office, field operations, and wastewater treatment plant.	<ul style="list-style-type: none"> Follow recommended Dental Amalgam Best Management Practices (BMPs). Install amalgam separators if they replace and/or remove amalgam fillings. Perform regular maintenance on the amalgam separator.
Implementation Plan / Timeline for 2024	Year-round: Employee collection of mercury products and used batteries	Ongoing throughout the year: <ul style="list-style-type: none"> Collect One-time Compliance Reports. Issue permits to applicable dental practices. Applicable dentist submit documentation stating implementation of BMPs and installation of amalgam separators. As needed, conduct dental facility inspections Post BMPs, forms, program descriptions, and staff contacts on the DSRSD website.
Evaluation Criteria	The quantity of mercury items collected and recycled.	<ul style="list-style-type: none"> Submitted One-time Compliance Reports Number of active permits Number of separators installed
Evaluation of Effectiveness	Products were collected from employees.	<ul style="list-style-type: none"> 103 active dental permits All submitted the one-time Compliance Report Form 100% have amalgam separators
Specific Tasks and Time Schedule for 2025	Continue the collection of used mercury products and batteries.	Ongoing throughout the year: <ul style="list-style-type: none"> Continue to implement EPA's Dental Final Rule requirements. Maintain an up-to-date list of dental facilities. Obtain EPA's one-time compliance report. Issue new permits to qualifying dentists and reissue expiring permits. Conduct site inspections as needed.

Table 2 – Copper Education & Outreach

	SOURCE	
	COMMERCIAL	RESIDENTIAL / COMMERCIAL
Audience	Vehicle service and wash facilities	Pool/spa owners
Message / Program	Clean sand/oil interceptors regularly and keep brake pad shavings out of the sewer and storm drains.	Do not add chemicals containing copper algaecides and properly drain your pool and spa to the sanitary sewer system. Instructions are available on the DSRSD website and in the public lobby.
Implementation Plan /Timeline for 2024	Ongoing	Ongoing
Evaluation Criteria	Number of vehicle service/wash facilities that participate in the program. Track the number of inspections and the number of notices of violations (NOV) issued.	N/A
Evaluation of Effectiveness	38 inspections were conducted, and no notice of violation was issued.	N/A
Specific Tasks and Time Schedule for 2025	Ongoing	Ongoing

Table 3 – FOG Education & Outreach

	SOURCE		
	RESIDENCES	PUBLIC	RESTAURANTS / AUTOMOTIVE SERVICE FACILITIES
Audience	General	General	Restaurant managers/ employees
Message / Program	Inform residents about problems caused by putting used cooking oil and grease down sinks.	Inform the public about problems caused by discharging cooking oil and grease down sinks and drains.	Restaurant owners and managers shall properly maintain their grease trap/interceptor systems and follow the BMPs.
Implementation Plan / Timeline for 2024	Ongoing outreach through bill inserts, website, and social media.	Ongoing outreach through bill inserts, website, and social media.	Conduct restaurant inspections
Evaluation Criteria	N/A	N/A	Number of inspections, number of NOV's issued
Evaluation of Effectiveness	N/A	N/A	Performed 145 inspections. No notice of violations issued
Tasks and Time Schedule for 2025	Ongoing through bill inserts, website, and social media, especially during the holiday season.	Ongoing through bill inserts, website, and social media, especially during the holiday season. Continue to support BAPPG's FOG outreach programs.	Continue to conduct site inspections.

Table 4 – Pharmaceutical Education & Outreach

	SOURCE
	COMMUNITY
Audience	General
Message/Program	Dispose of unused/unwanted medicines at local collection centers.
Implementation Plan/Timeline for 2024	Continuously promote the baywise.org and MED-Project websites that list collection center locations.
Evaluation Criteria	N/A
Evaluation of Effectiveness	N/A
Tasks and Time Schedule for 2025	Continue promoting disposal sites.

Table 5 – Trash and Wipes Education & Outreach

	SOURCE
	COMMUNITY
Audience	General and employees
Message/Program	The toilet is not a trash can. Do not throw wipes, Q-tips, dental floss, or non-flushable items in the toilet.
Implementation Plan/Timeline for 2024	Year-round outreach
Evaluation Criteria	N/A
Evaluation of Effectiveness	N/A
Tasks and Time Schedule for 2025	Continuing outreach efforts

Table 6 – PFAS Education & Outreach

	SOURCE
	INDUSTRIAL, COMMERCIAL, AND COMMUNITY
Audience	Public
Message/Program	To keep the public up to date on what PFAS compounds are, consumer products that contain PFAS, current regulations that address PFAS compounds, and research efforts to reduce public and environmental exposure.
Implementation Plan/Timeline for 2024	Year-round outreach
Evaluation Criteria	N/A
Evaluation of Effectiveness	N/A
Tasks and Time Schedule for 2025	Continue support BAPPG's efforts and outreach to community

Table 7 – Pesticides in Pet Products Education & Outreach

	SOURCE
	COMMUNITY
Audience	Pet owners, veterinarians, and animal shelters
Message/Program	Use integrated pest management (IPM) practices for flea control and talk to your veterinarian about systemically acting flea and tick control medications for your pet.
Implementation Plan/Timeline for 2024	Year-round outreach
Evaluation Criteria	N/A
Evaluation of Effectiveness	N/A
Tasks and Time Schedule for 2025	Continue outreach efforts, including reaching out to local animal shelters