



STAKEHOLDER ADVISORY GROUP

Board of Water Supply, City & County of Honolulu
October 23, 2025
Meeting 56

WELCOME & INTRODUCTIONS

DAVE EBERSOLD, FACILITATOR

STAKEHOLDER ADVISORY GROUP MEETING 56

OCTOBER 23, 2025



MEETING OBJECTIVES

- Welcome and public comment
- Provide BWS updates
- Review groundwater assessment status updates
- Accept notes from meeting #55
- Update on BWS conservation efforts
- Review SAG meeting dates for 2026



PUBLIC COMMENT ON AGENDA ITEMS





BWS UPDATES

Ernest Lau, PE
Manager and Chief Engineer
October 23, 2025
boardofwatersupply.com



KA'AMILO WELLS TEMPORARY WATER TREATMENT SYSTEM

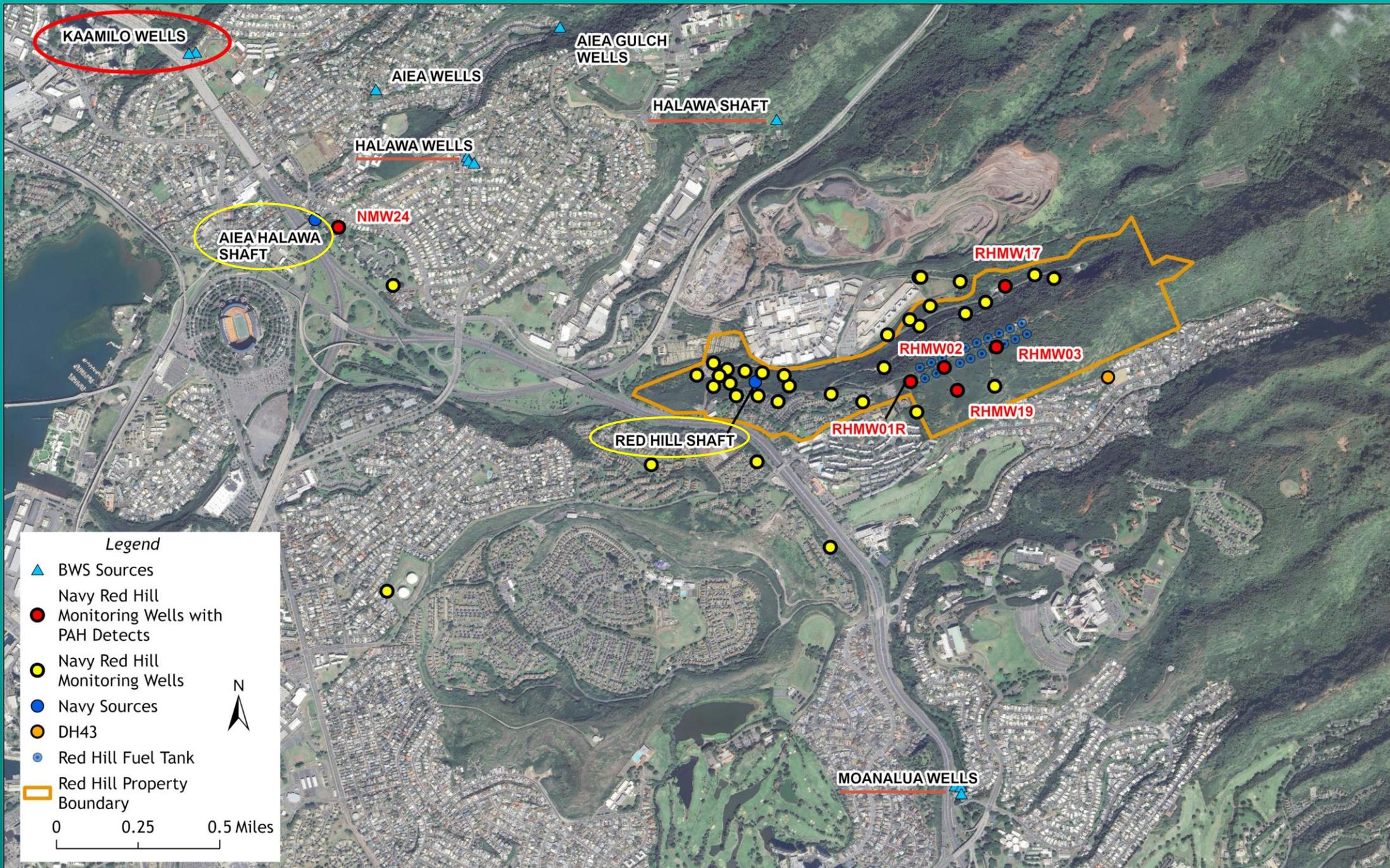
October 23, 2025

www.boardofwatersupply.com

WHAT ARE THE KA'AMILO WELLS?

- Important contributor to provide water service for the 'Aiea-Halawa area
- Two well pumps
- Two booster pumps are also at the facility to serve the upper areas







Per- and Polyfluoroalkyl Substances (PFAS) Data Summary No. 1 Red Hill Bulk Fuel Storage Facility Joint Base Pearl Harbor-Hickam, Oahu, Hawaii

PFAS Data Summary No. 1

July 2025

INTRODUCTION

The Navy has initiated a **Remedial Investigation (RI)** at the Red Hill Bulk Fuel Storage Facility (referred to as the Facility) as a result of the 2022 **Aqueous Film-Forming Foam (AFFF)** accidental release. To expedite data collection activities, the Navy is conducting initial quarterly groundwater sampling ahead of the fully developed RI sampling work plan being prepared in coordination with the **State of Hawaii Department of Health (DOH)** and **U.S. Environmental Protection Agency (EPA)**.

REMEDIAL INVESTIGATION

The RI focuses on two areas (Area A and Area B) within the Facility (Figure 1). Area A includes the area surrounding Building 313 near the November 2022 AFFF accidental release area. Area B includes the western portion of the Facility where **per- and polyfluoroalkyl substances (PFAS)** were detected in groundwater monitoring wells during a September 2023

baseline groundwater sampling. There have been no documented releases in Area B.

FIELD ACTIVITIES

The first quarterly groundwater sampling and testing event took place from September through November 2024. Groundwater samples were collected from 34 monitoring wells (Figure 1). These samples are called the **Quarter 1 (Q1)** samples.

Shallow and deep groundwater occur beneath the site. Shallow groundwater is located about 30–40 feet deep and is not used for drinking water. Deep groundwater at the site is located approximately 150–600 feet deep and comprises the aquifer, which can serve as a source of drinking water. Below the shallow groundwater is a layer of soil and rock that limits the downward flow of the shallow groundwater, segregating it from the deep groundwater. Of the 34 groundwater monitoring wells sampled, 30 are in deep groundwater and 4 are in shallow groundwater.

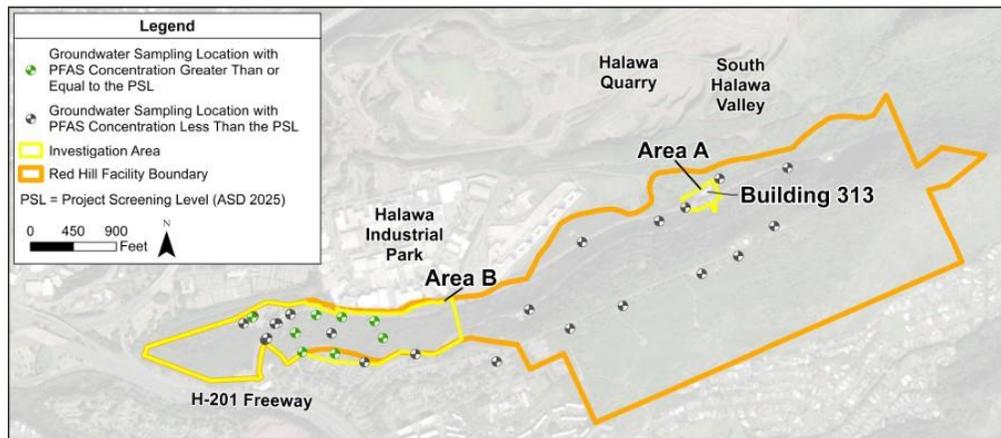


Figure 1: Groundwater Sampling Locations and Results

PFAS are a family of thousands of different chemicals which have been widely used in many household and industrial products since the 1950s. The Navy and Department of Defense have developed proactive policies to address past releases of PFAS, including perfluorooctanoic acid (PFOA) and per-fluorooctanesulfonic acid (PFOS), at installations nationwide.

PFAS Data Summary No. 1

PFAS, Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, HI

The groundwater samples were tested by an EPA-certified analytical laboratory utilizing the EPA Method 1633 for PFAS (ASD 2024), which is the standard method used to test for PFAS in groundwater. For the Q1 groundwater sampling event, the method tested for 40 different PFAS. At the time of the Q1 sampling event, project-specific screening levels had been established for 9 of the 40 types of PFAS.

If PFAS are detected at concentrations above the associated screening level, that means additional investigation is likely needed. These screening levels may change over time as more information is learned about these compounds (ASD 2025).

RESULTS

Q1 results were as follows:

- Samples from seven deep groundwater monitoring wells in Area B had PFAS concentrations above the screening levels.
- Samples from two shallow groundwater monitoring wells in Area B had PFAS concentrations above the screening levels.
- At least one PFAS was detected in each of the 34 groundwater monitoring wells sampled.
- None of the samples from groundwater monitoring wells outside of Area B had PFAS detected above the screening levels (Figure 1).
- Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were the two most frequently detected PFAS at concentrations above the screening levels.
- The highest concentrations of PFAS were observed in the shallow groundwater wells located in the western portion of the Facility within Area B.
- The sample collected from the Red Hill Shaft water pumping station did not have any PFAS concentrations above the screening levels.

Table 1 presents the range of concentrations for the PFAS detected above project screening levels in one or more groundwater monitoring wells.

Table 1: Summary of Laboratory Analyses of PFAS

PFAS	Minimum–Maximum Concentrations (ppt)	Project Screening Levels (ppt)
Deep Groundwater		
Perfluorooctanoic acid (PFOA)	Not Detected–8.1	4
Perfluorooctanesulfonic acid (PFOS)	Not Detected–19	4
Shallow Groundwater		
Perfluorooctanoic acid (PFOA)	0.16–29	4
Perfluorooctanesulfonic acid (PFOS)	0.12–69	4
Perfluorohexanesulfonic acid (PFHxS)	0.2–62	10
Perfluorobutanoic acid (PFBA)	Not Detected–2,000	1,800
Perfluorohexanoic acid (PFHxA)	0.15–4,900	990

Notes:

Units are in parts per trillion (ppt).

Q1 screening levels are consistent with ASD 2025. Screening levels may change over time as more information becomes available.

REFERENCES

Assistant Secretary of Defense (ASD). 2024.

Establishing a Consistent Methodology for the Analysis of Per- and Polyfluoroalkyl Substances in Matrices Other than Drinking Water. Washington, DC: Assistant Secretary of Defense. May 1.

ASD. 2025. *Investigating Per- and Polyfluoroalkyl Substances within the Department of Defense Cleanup Program*. Washington, DC: Office of the Assistant Secretary of Defense for Energy, Installations, and Environment. January 17.

HEALTH INFORMATION

Federal agencies such as the Agency for Toxic Substances and Disease Registry (ATSDR) and the EPA continue to conduct and support research into the health effects associated with PFAS exposure. More information about health effects can be found online at:

ATSDR: <https://www.atsdr.cdc.gov/pfas/index.html>

EPA: <https://www.epa.gov/pfas>

Final PFAS National Primary Drinking Water Regulation: <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>

FOR MORE INFORMATION/COMMENTS

Contact:

Public Affairs Officer
Naval Facilities Engineering Systems Command, Hawaii

Address:

COMMANDING OFFICER
NAVFAC HAWAII
ATTN: PUBLIC AFFAIRS OFFICER CODE 09PAO
400 MARSHALL ROAD
JBPHH HI 96860-3139

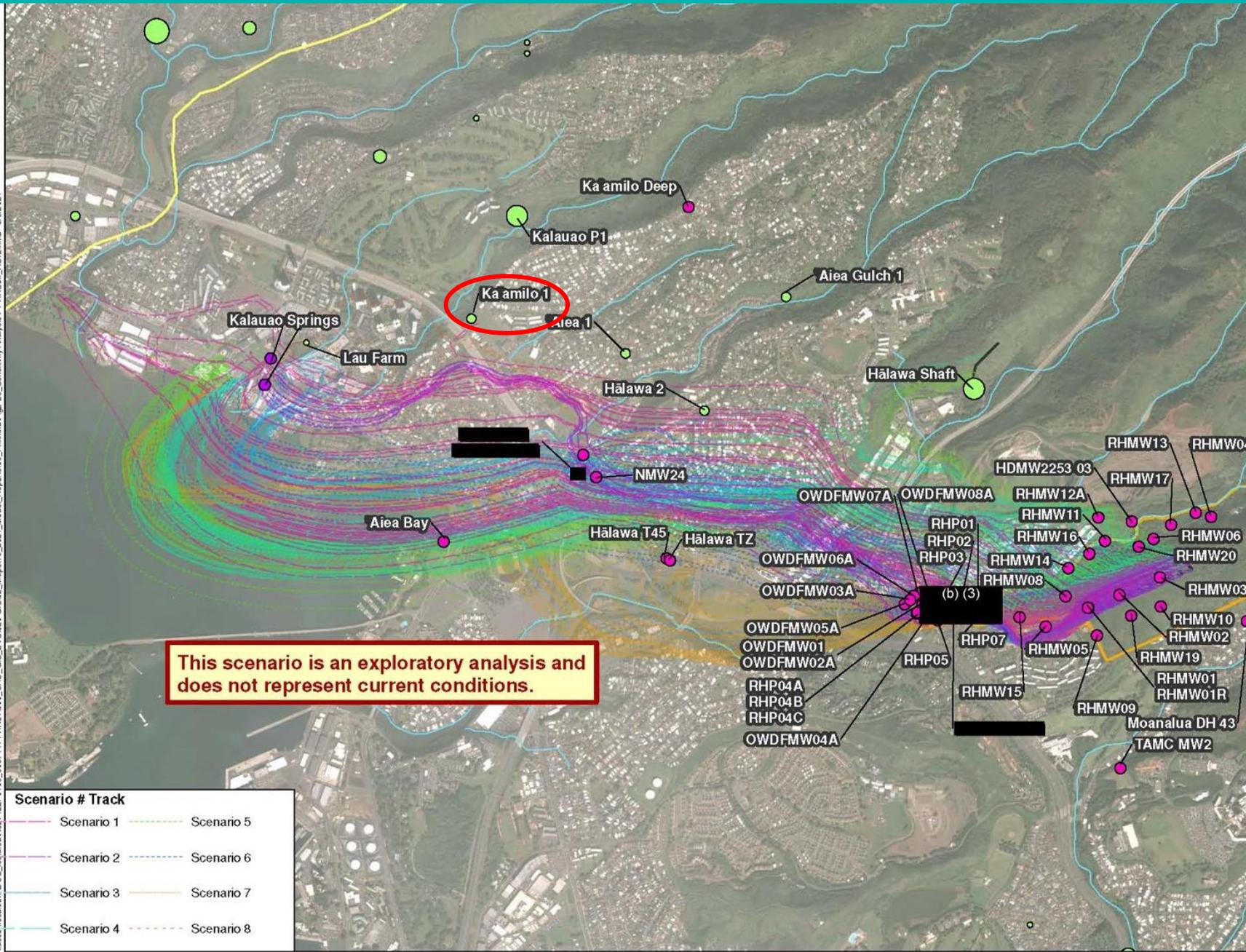
Phone: 808-471-7300

Fax: 808-474-5479

Email: NFHI_PAO_DL@us.navy.mil

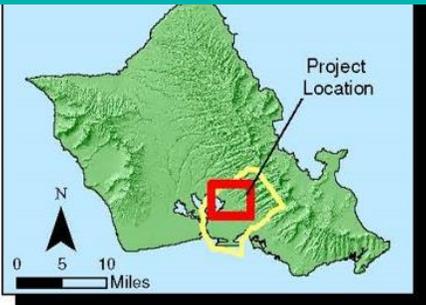


\\naeomssd.com\DCS\jballard\N627422\F0106_1900_CAD_GIS\EVSI920_GIS02_Map\18_2024_Model_Reports\03_Fnlmod\Fig_26_Sensitivity Analysis PT RHShaft_HSI2.mxd 9/22/2024



This scenario is an exploratory analysis and does not represent current conditions.

Scenario # Track	
Scenario 1	Scenario 5
Scenario 2	Scenario 6
Scenario 3	Scenario 7
Scenario 4	Scenario 8



Legend

Water Supply Well / Shaft (MGD)

● 0.0 - 0.5	● 2.0 - 5.0
● 0.5 - 1.0	● 5.0 - 10.0
● 1.0 - 2.0	● 10.0 - 15.0

● Basal Aquifer Well
● Spring

— Water Development Tunnel / Infiltration Gallery

□ Groundwater Flow Model Domain

— Stream

▭ Red Hill Facility Boundary and Fuel Storage Tanks

- ### Notes
- Map projection: NAD 1983 Hawaii State Plane Zone 3 feet.
 - Base Map: DigitalGlobe, Inc. (DG) and NRCS. Publication Date: 2015
 - Spring locations provided by USGS.
 - Water supply well locations provided by DLNR.

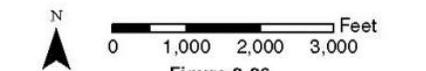


Figure 2-26
Sensitivity Analysis Particle Tracking - Red Hill Shaft Pumping Off, Hälawa Shaft Pumping at 12 mgd, Navy 'Aiea Hälawa Shaft Pumping Off GWFM, VZM, & CF&T Model Report Red Hill Bulk Fuel Storage Facility JBPHH, O'ahu, HI



WHY IS THE BWS DOING THIS?

- PFAS
- Federal Maximum Contaminant Level (MCL) Finalized – April 2024
- Enforcement - April 2029
- Ka‘amilo Wells
- PFAS detected at levels near the MCL for PFOS (perfluorooctane sulfonic acid)
 - MCL is 4.0 ppt (parts per trillion)
 - One ppt is,
 - 30 seconds out of every million years
 - 1 drop in 20 Olympic sized swimming pools
- Triggered decision to build permanent facility and shut down the wells in May 2025
- In the interim, a temporary water treatment system is under construction

In this final rule, EPA is setting limits for five individual PFAS: PFOA, PFOS, PFNA, PFHxS, and HFPO-DA (known as GenX Chemicals). And EPA is also setting a hazard index level for two or more of four PFAS as a mixture: PFNA, PFHxS, HFPO-DA, and PFBS:

Chemical	Maximum Contaminant Level Goal (MCLG)	Maximum Contaminant Level (MCL)
PFOA	0	4.0 ppt
PFOS	0	4.0 ppt
PFNA	10 ppt	10 ppt
PFHxS	10 ppt	10 ppt
HFPO-DA (GenX chemicals)	10 ppt	10 ppt
Mixture of two or more: PFNA, PFHxS, HFPO-DA, and PFBS	Hazard Index of 1	Hazard Index of 1

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

ppt: parts per trillion



WHAT IS THE BWS DOING THERE?

Long Term

Designing and Constructing a permanent water treatment system (Est. Cost \$20M)

Short Term

Installing a Temporary Water Treatment System until the permanent is constructed

- Granular Activated Carbon (GAC) filled metal vessels with piping
- Temporary security fencing



WHEN WILL THIS HAPPEN?

- Emergency Procurement – “As soon as possible” to provide adequate water service
- Ground Preparation work –Week of Sept 1 **(Complete)**
- GAC Vessel delivery and installation –Week of Sept 8 **(Complete)**
- Temporary Fencing – Week of Sept 15 **(Complete)**
- Pipeline Installation –Sept 6 – Expected for approx. 4-6 weeks more
- Temporary water treatment system commissioning and certification to follow









Mahalo!

BOARD OF WATER SUPPLY

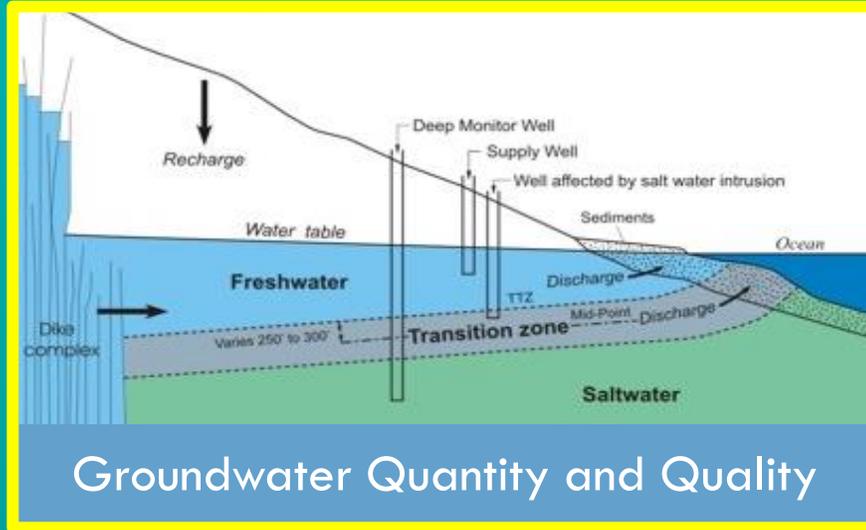
Providing safe, dependable, and affordable drinking water, now and into the future.



GROUNDWATER ASSESSMENT STATUS UPDATES

Bill Fernandez, PE
CDM Smith
October 23, 2025

OBJECTIVES FOR WATER SOURCE EVALUATION IN WMP

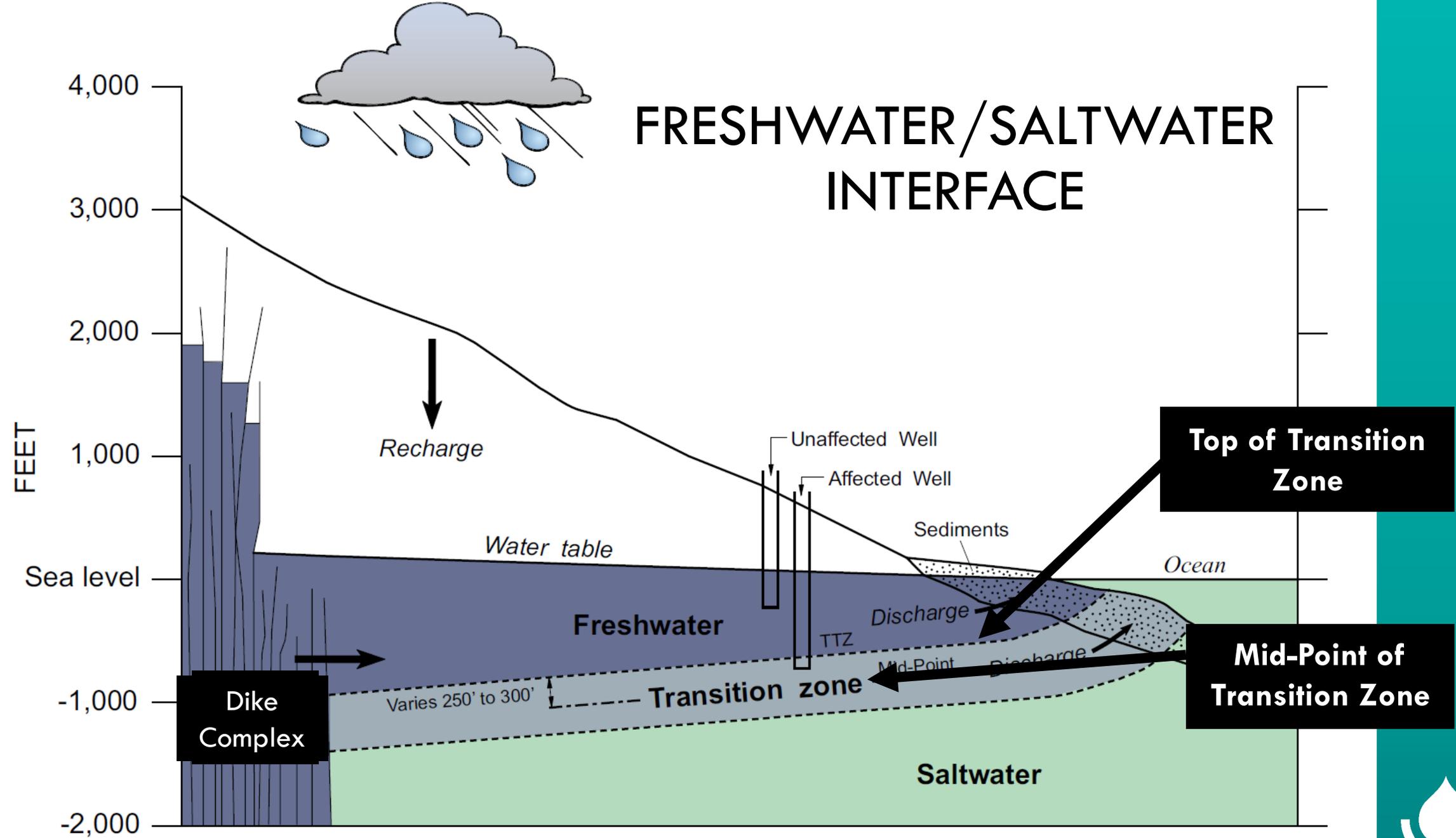




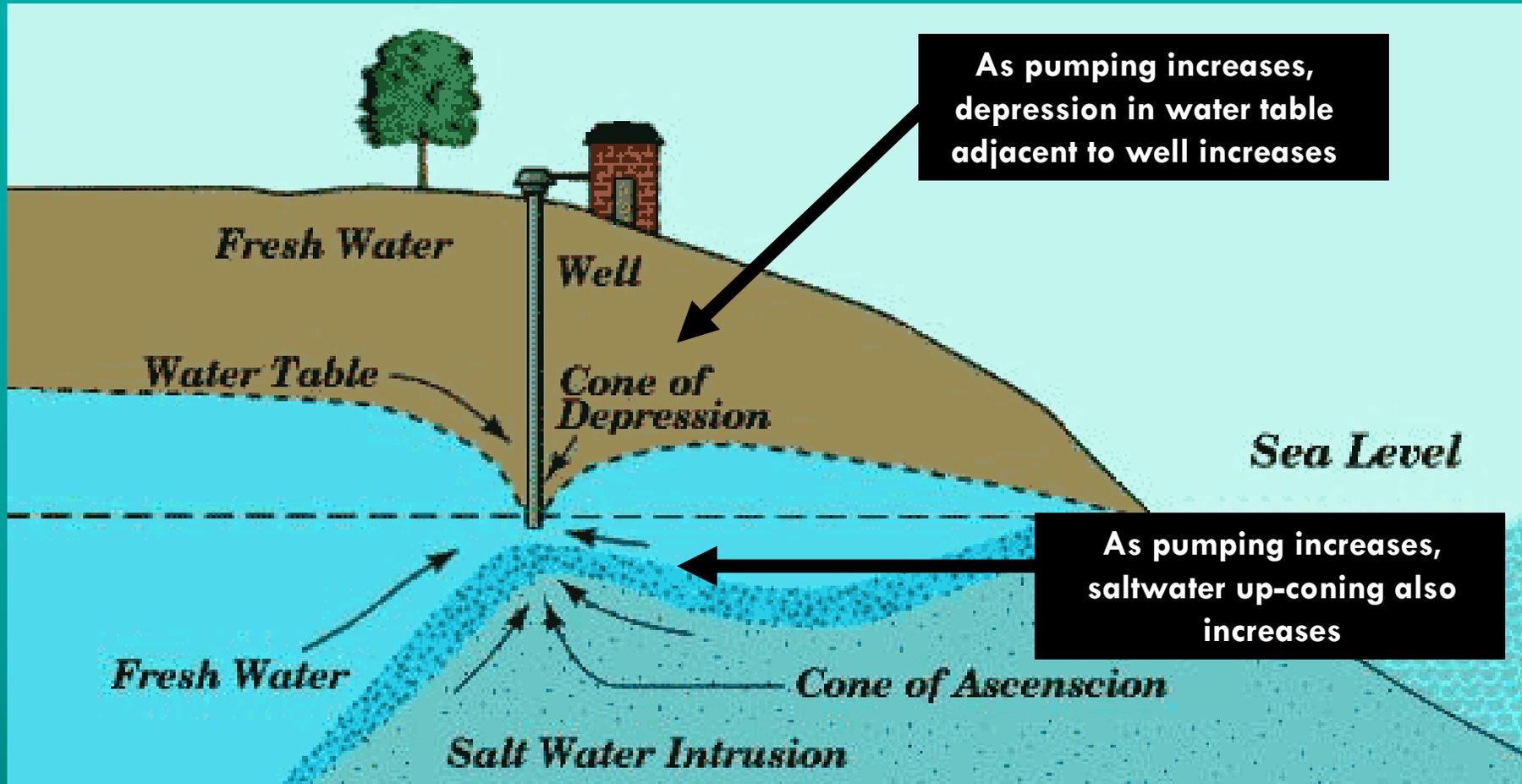
AQUIFER WATER QUALITY BACKGROUND



FRESHWATER/SALTWATER INTERFACE



EFFECT OF PUMPING ON AQUIFER WATER QUALITY



Source: University of Hawai'i

- Must balance providing enough supply for BWS customers while protecting the groundwater resource

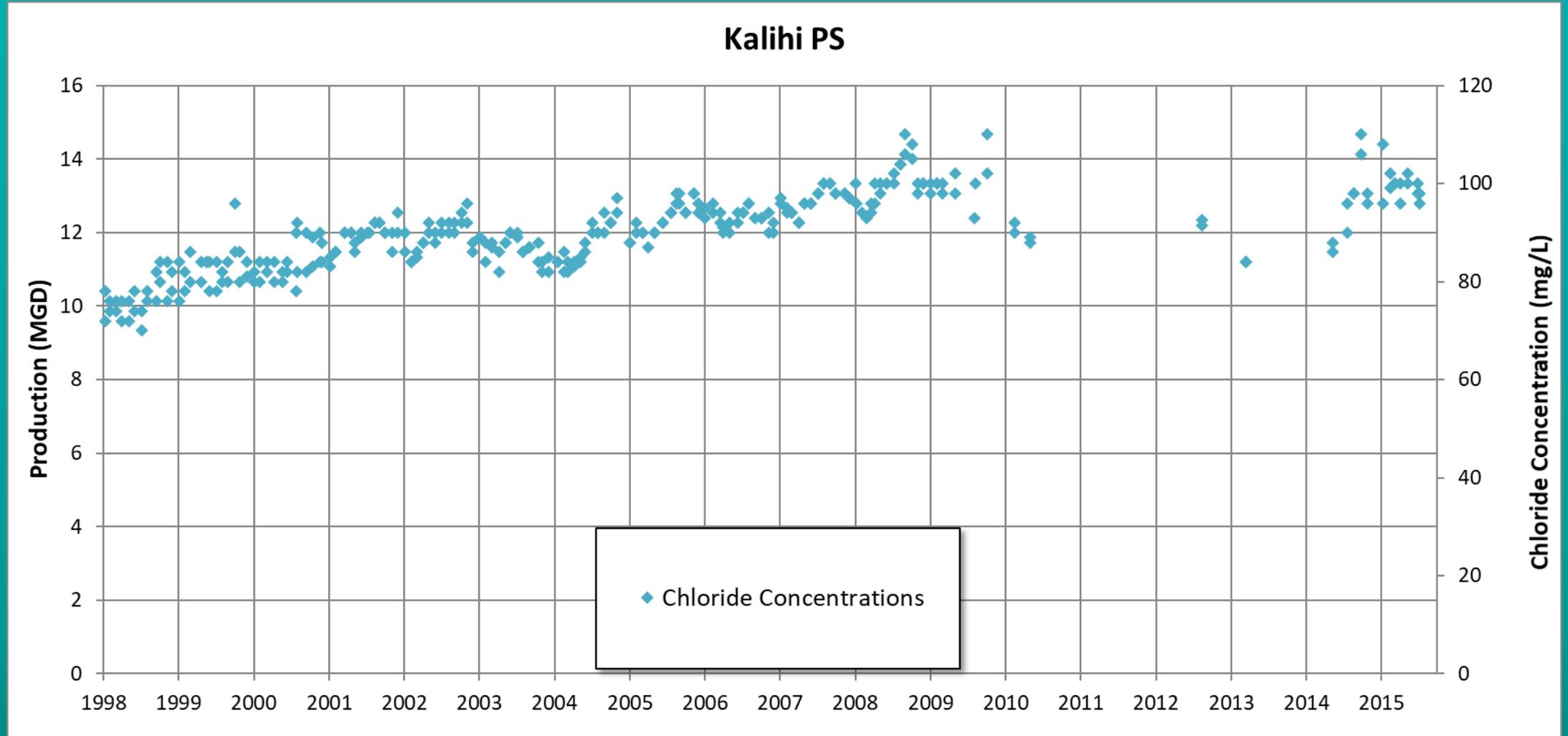




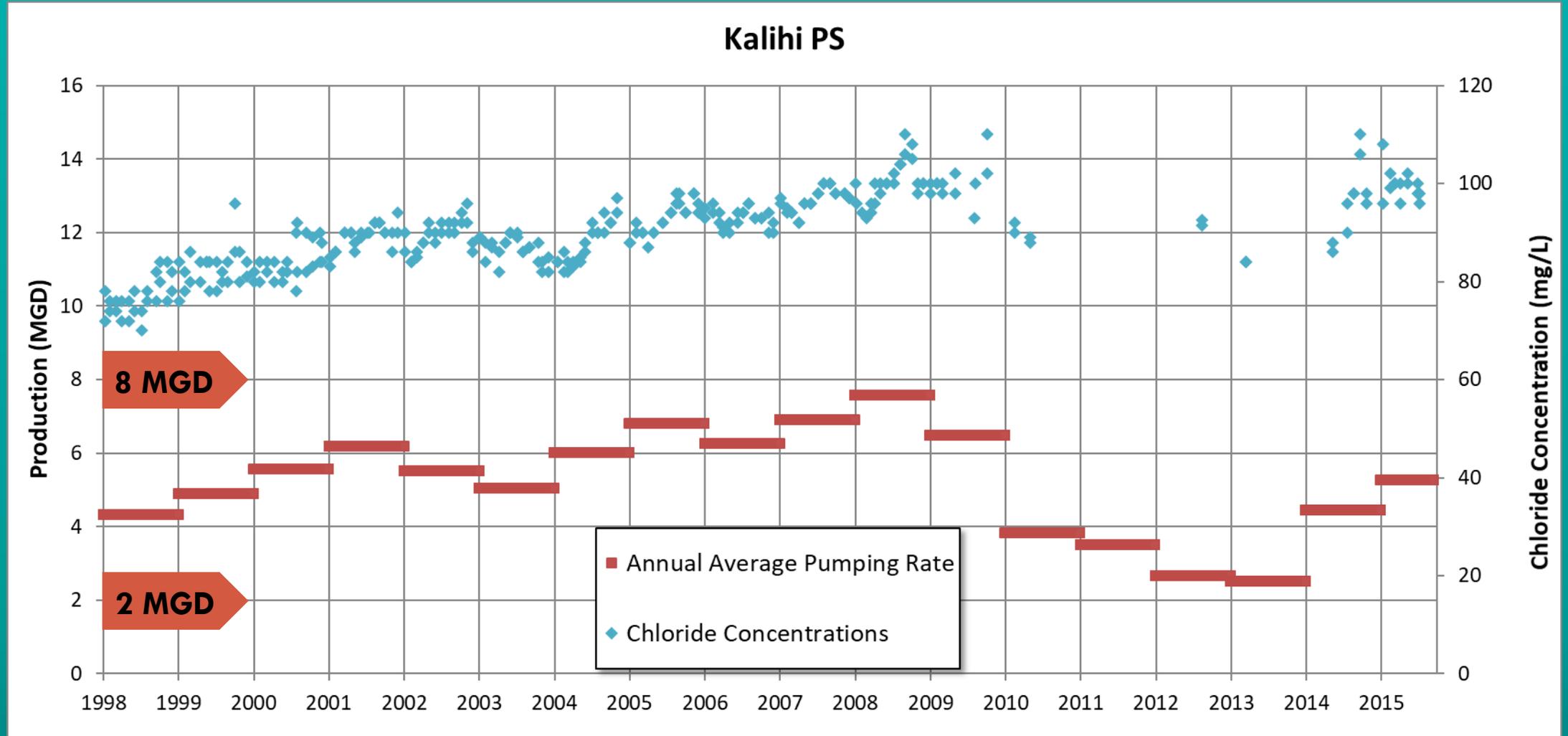
EXAMPLE OF WATER QUALITY ANALYSIS



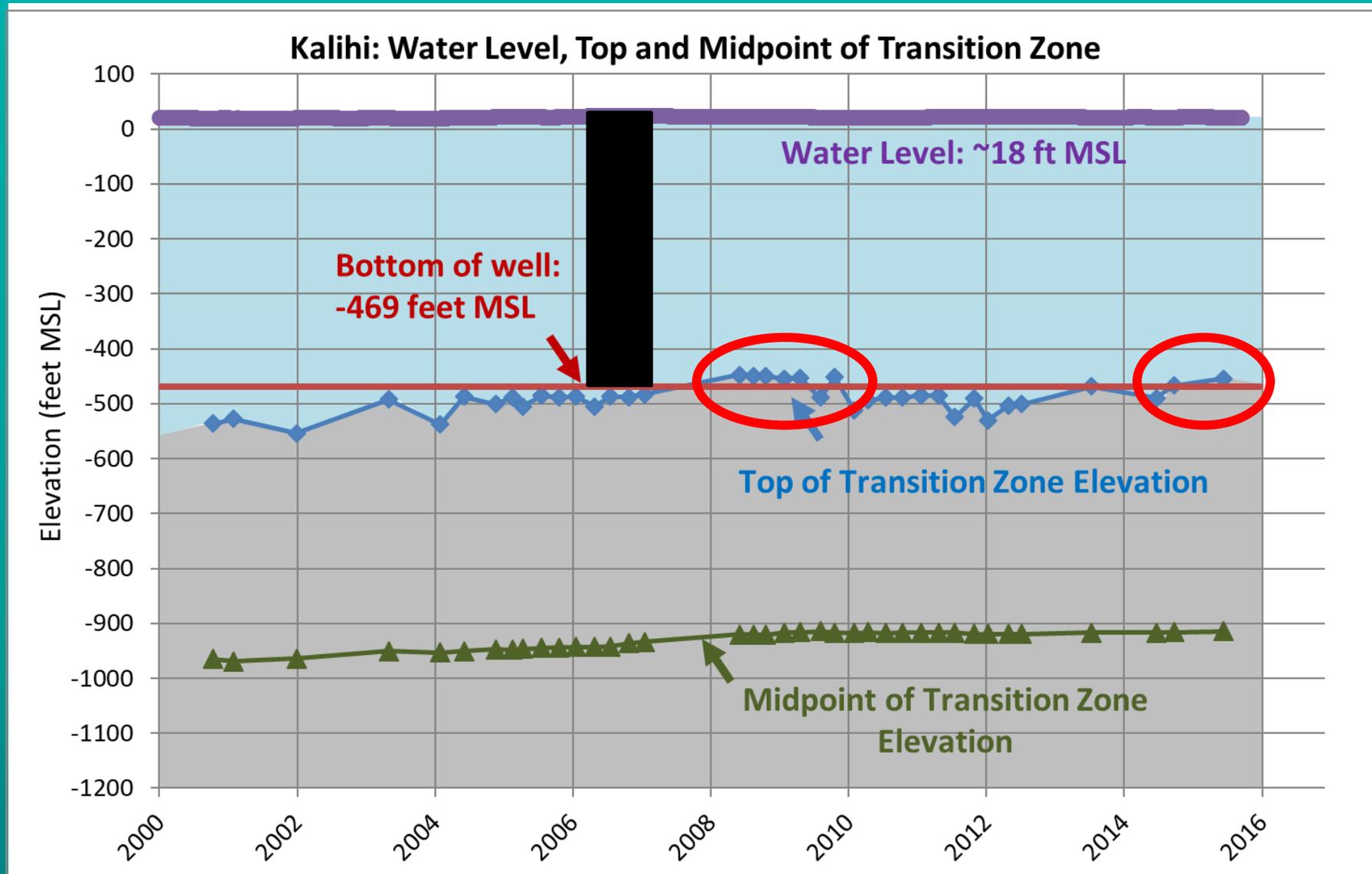
WATER QUALITY DATA – KALIHI



COMPARISON OF WQ AND PUMPING – KALIHI



SALTWATER TRANSITION ZONE DATA FOR KALIHI

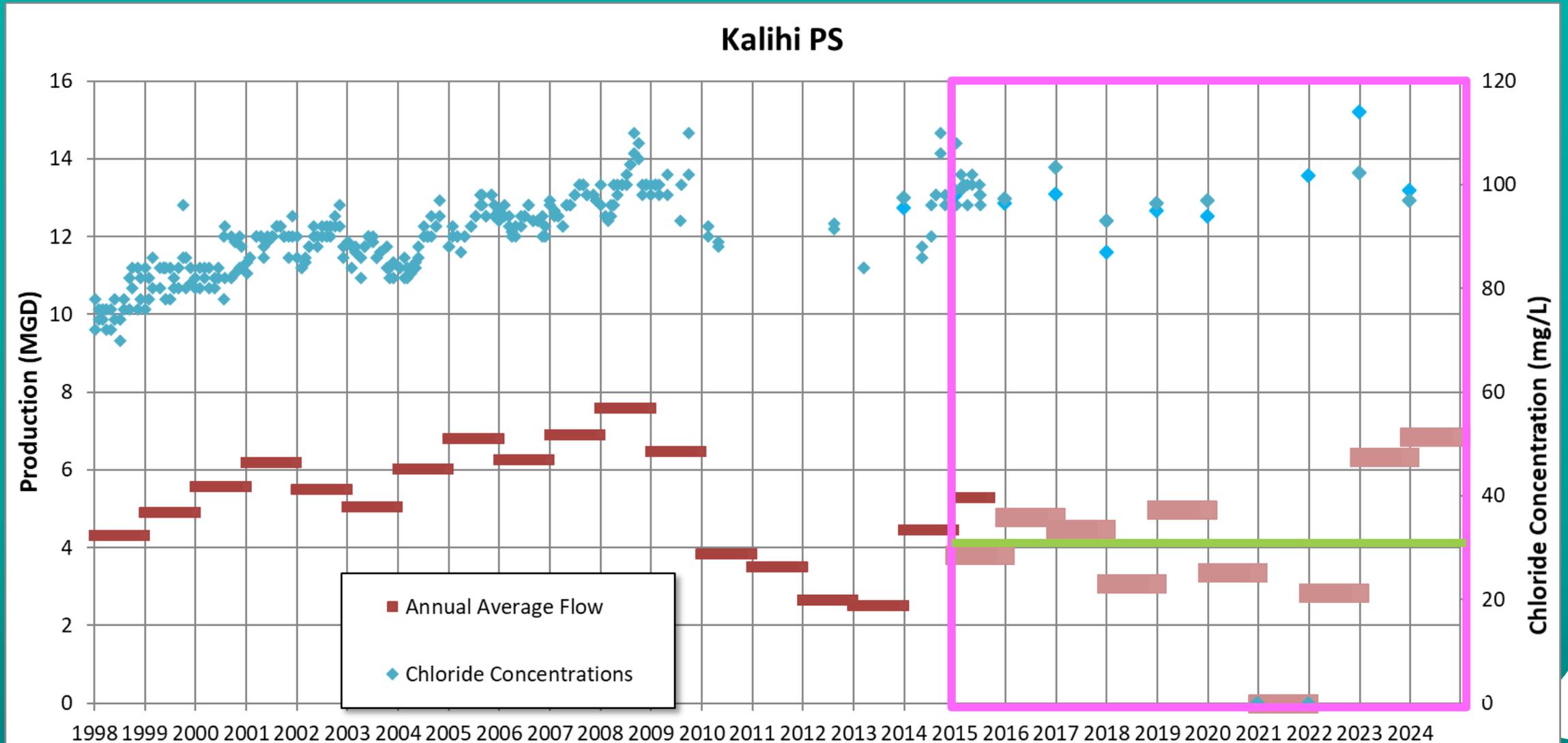


WMP 2016 SUGGESTED PUMPING RATES

Source	Permit Value (mgd)	5 Year Average Pumping (2011- 2015) (mgd)	Approximate Stable Period (CY)	Suggested Average Flow During Stable Period (mgd)	5 Year Average Pumping (2020 - 2024) (mgd)
Kalihi	6.95	3.4	2014-2015	4.0	3.9
Kaimukī	4	4.0	2011-2012	3.9	4.1
Kalauao	11.75	8.7	2012-2015	8.0	7.5
Punanani	11.97	10.8	2010-2013	10.0	10.3
Beretania	7	6.0	2007-2010	5.0	5.2
Totals	41.67	32.9		30.9	31.0



KALIHI PUMPING VS WQ – UPDATED THROUGH 2024





NEXT STEPS



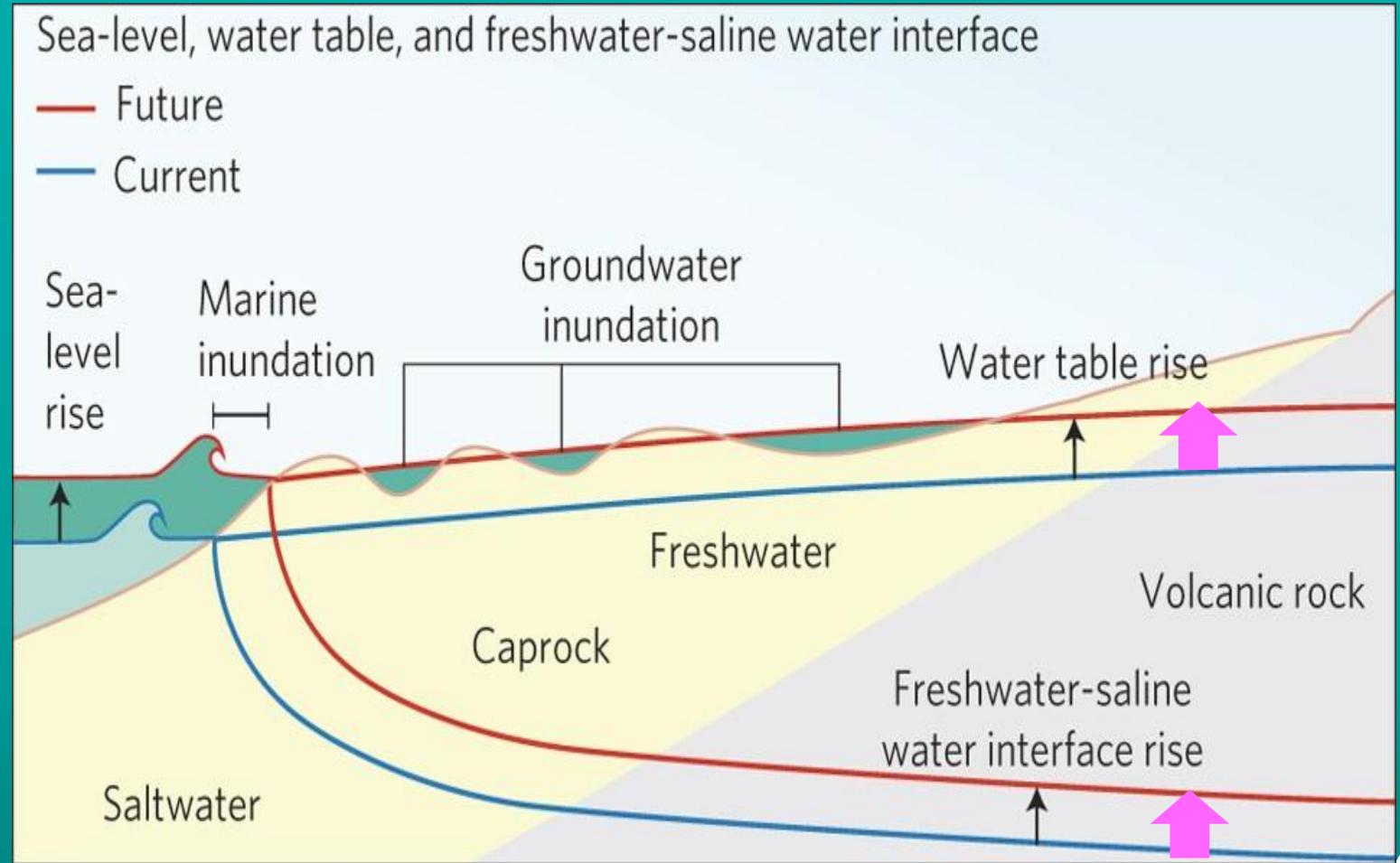
EXTEND ANALYSIS TO ADDITIONAL SOURCES

- Exhibit higher chloride concentrations historically
- Detected PFAS
- Increased pumping stress due to Hālawā Shaft shutdown
- Sources that are important for system reliability



OTHER STRESSORS ON FRESHWATER/SALTWATER INTERFACE

- Rainfall / groundwater recharge
- Non-BWS groundwater pumping
- Sea-level rise
- Temperatures





MAHALO!





ACCEPT MEETING NOTES FROM MEETING 55

David Ebersold
Facilitator

October 23, 2025
www.boardofwatersupply.com





ANNUAL WATER CONSERVATION UPDATE

Lorna Heller, Water Resources
Steven Norstrom, Communications
October 23, 2025
boardofwatersupply.com

OVERVIEW



- Water Sensible Program
- WaterSmart
- Conservation Advertising
- Conservation Outreach
- Calendar Contest
- Xeriscape Garden



Conservation

It is one of the single most significant ways we can preserve our precious water resources



O'AHU'S CONSERVATION SUCCESS STORY

Population served

Average water use per person per day



Honolulu begins a decade of rapid population growth. The rate of water use is escalating as well.

The Board of Water Supply begins aggressive, multi-pronged water conservation programs.

Conservation practices are becoming a way of life.

Conservation efforts step up with more conservation measures.

Since 1990, water use has dropped by 16.5%. O'ahu is conserving 15 billion gallons of water per year.

15 billion gallons per year are now saved for other uses today vs. 1990



RESIDENTIAL PROGRAM OVERVIEW



\$100

WaterSense
Labeled Toilet

Save up to
13,000
gallons/yr



UP TO \$135

WaterSense Irrigation
Controller and Sensor

Save over
\$150
on annual water bills



UP TO \$200

Smart Water Monitor

Reduce water
usage by over
15%



\$75

ENERGY STAR
Clothes Washer

Save up to
4,900
gallons/yr



\$40

Rain Barrel

Save over
\$100
on annual water bills



COMMERCIAL PROGRAM OVERVIEW



Kitchen



Landscaping



Plumbing



Cooling Tower



REBATE PROGRAM HIGHLIGHTS

117,334,692

Gallons Saved/Year

21,817

Rebates Issued

\$1,613,775

(\$)
Rebates Provided

13,202

Clothes Washers

5,485

Toilets

1,501

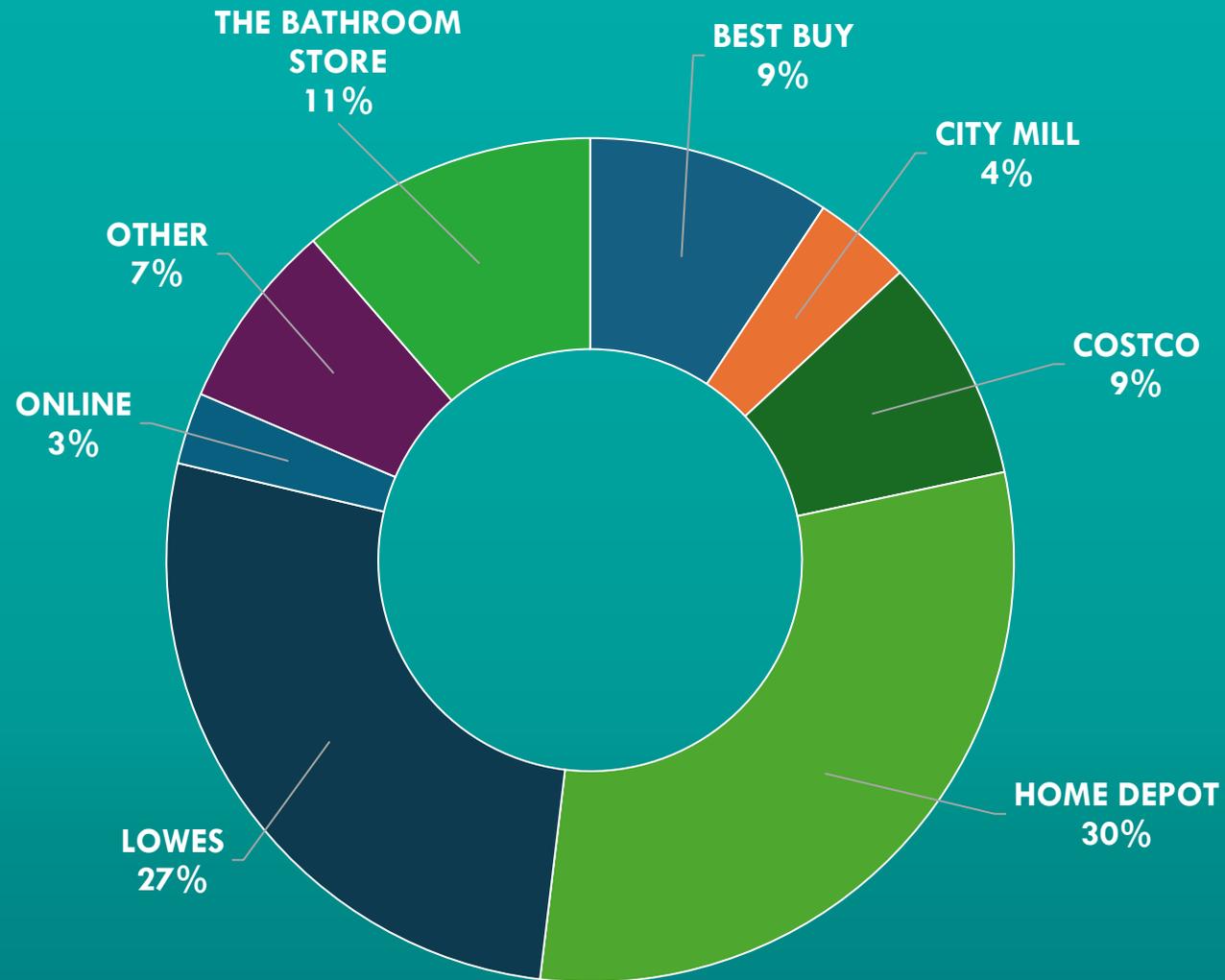
Rain Barrels

634

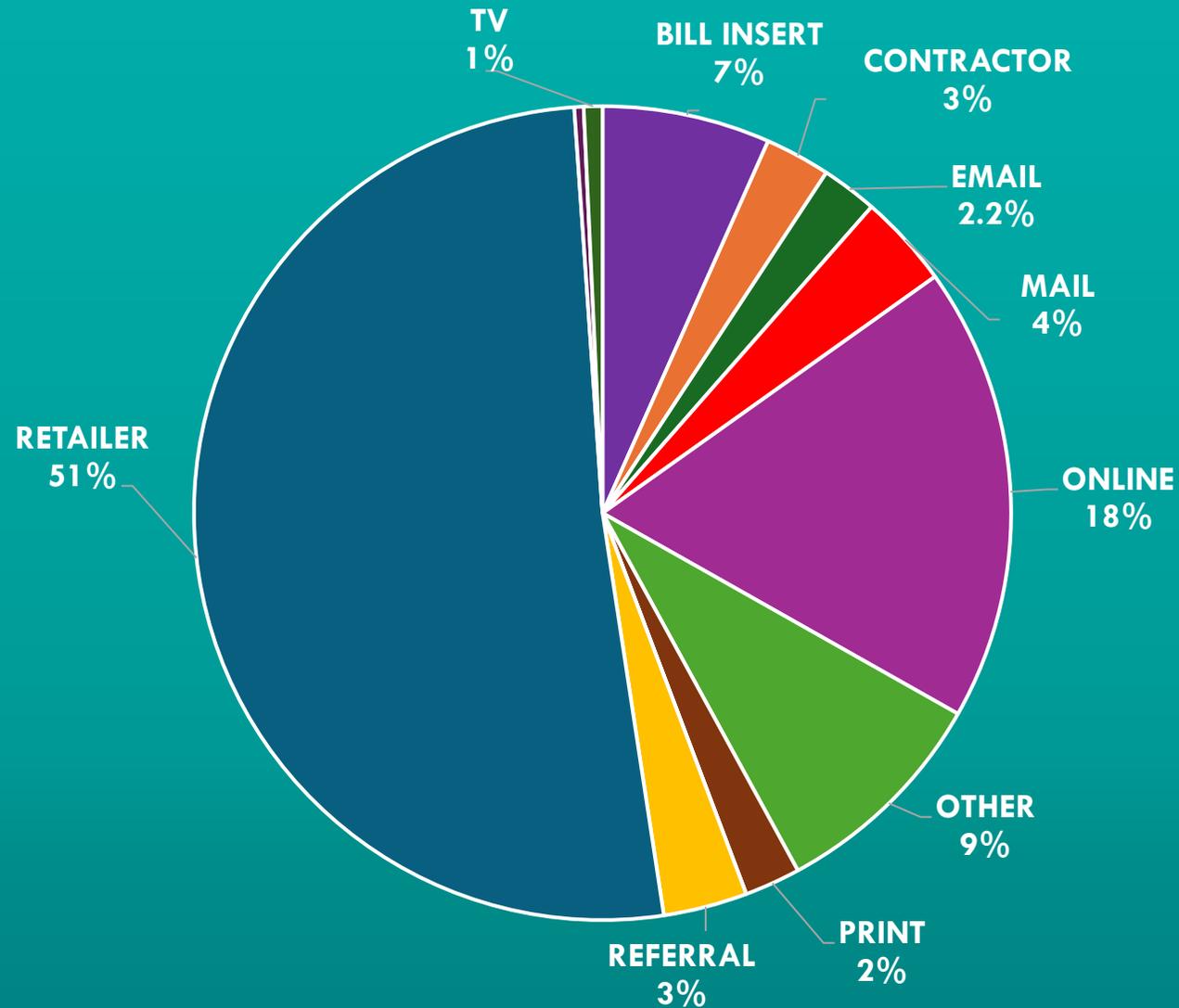
WBICs



MEASURE AND RETAILER BREAKDOWN



HOW DID YOU HEAR ABOUT THE PROGRAM



CUSTOMER SERVICE

TOTAL	METRIC
<2	REBATE CYCLE TIME (# WEEKS)
9.8	CUSTOMER SATISFACTION SURVEY - OVERALL REBATE PROGRAM SATISFACTION
9.8	CUSTOMER SATISFACTION SURVEY - LIKELIHOOD TO RECOMMEND



TRADE ALLY PROGRAM



FREE
listing on the
Water Sensible
website



Education
on new
water-saving
products



FREE
marketing
resources and
brochures



Recognition
as a steward
of water
conservation



WATERSMART



WaterSmart
SOFTWARE

Create your free, personal WaterSmart account today!

- See how you use water & where you use it most
- Find ways to save water & reduce your bill
- Compare your usage with similar households
- Sign up for high usage & leak detection alerts

Your information is always kept safe & secure. WaterSmart will never sell or provide your personal information to third-party vendors.

Board of Water Supply

Create your account at: honolulu.watersmart.com



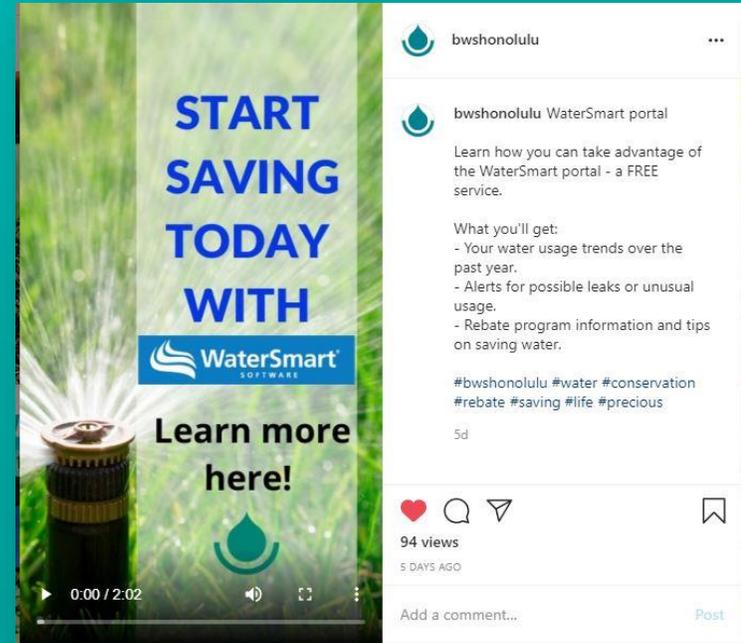
WaterSmart
SOFTWARE

TRACK YOUR HOME WATER USAGE

SET ALERTS FOR POSSIBLE LEAKS

IT'S EASY AND FREE!

FIND OUT HOW AT
honolulu.watersmart.com



START SAVING TODAY WITH

WaterSmart
SOFTWARE

Learn more here!

bwshonolulu WaterSmart portal

Learn how you can take advantage of the WaterSmart portal - a FREE service.

What you'll get:

- Your water usage trends over the past year.
- Alerts for possible leaks or unusual usage.
- Rebate program information and tips on saving water.

#bwshonolulu #water #conservation #rebate #saving #life #precious

5d

94 views
5 DAYS AGO

Add a comment... Post

www.honolulu.watersmart.com



WATER WISDOM PROGRAM



Board of Water Supply

New WaterWisdom Program For Condominium Residents

Water is a finite resource, and cutting water usage is essential to ensure an adequate supply today and for future generations. We need to make wise water use a part of our daily routine.

WaterWisdom



Here are some easy ways to use less water:

- Shorten your shower by a minute to save water!
- Turn off your tap when brushing your teeth. This can save approximately 70 gallons of water per month.
- A leaking pipe outside your building or misdirected/broken sprinkler wastes precious water. Report it immediately to your building manager. Remember, an apartment building is a community, and what impacts your building affects everyone.
- Fix drips and faucet leaks in your unit. Drips often go unreported since they seem small, but a constant drip can lead to a spike in water consumption, wasting more than 260 gallons of water a year.
- Use your washing machine with full loads only.
- Check for leaks. The most damaging leaks are silent and happen in water heaters, walls, and floors. They also can be destructive and expensive to fix.
- Inspect bathroom fixtures for leaks. A faulty toilet flapper can waste as much as 200 gallons of water per hour.
- Wash fruits and vegetables in a pan or bowl of water instead of under running tap water.
- Use the water from any leftover ice to water your indoor plants.



MULTI-FAMILY OUTREACH

Partnered with Hawai'i Energy and
Hawai'i Green Infrastructure Authority
(HGIA)

Help properties reduce water use &
energy consumption

HGIA offers lower interest & longer-term
financing

Direct Install Program

Kupuna Program



SUCCESS STORY



Island Colony AOA, a 740-unit condotel

Replaced 405 older toilets with **WaterSense-labeled toilets**

Rebate: \$40,000

Average Water Savings: 10,000 gallons per day

Additional Savings: \$35,000 in water and sewer cost savings in the first year



SKYLINE
AT ISLAND COLONY



CONSERVATION OUTREACH

Some of the condos & properties that we have worked with:

Country Club Village – Salt Lake

Symphony Honolulu

‘Ewa Villages

Kalele Kai – Hawai‘i Kai

Kuku‘i Plaza – Downtown

College Gardens – Pearl City

Juliana Towers Apartments – ‘Aiea

Palms of Kilani – Wahiawā

Regency Park – Kaimukī

Pu‘u Heleakala – Nānākuli

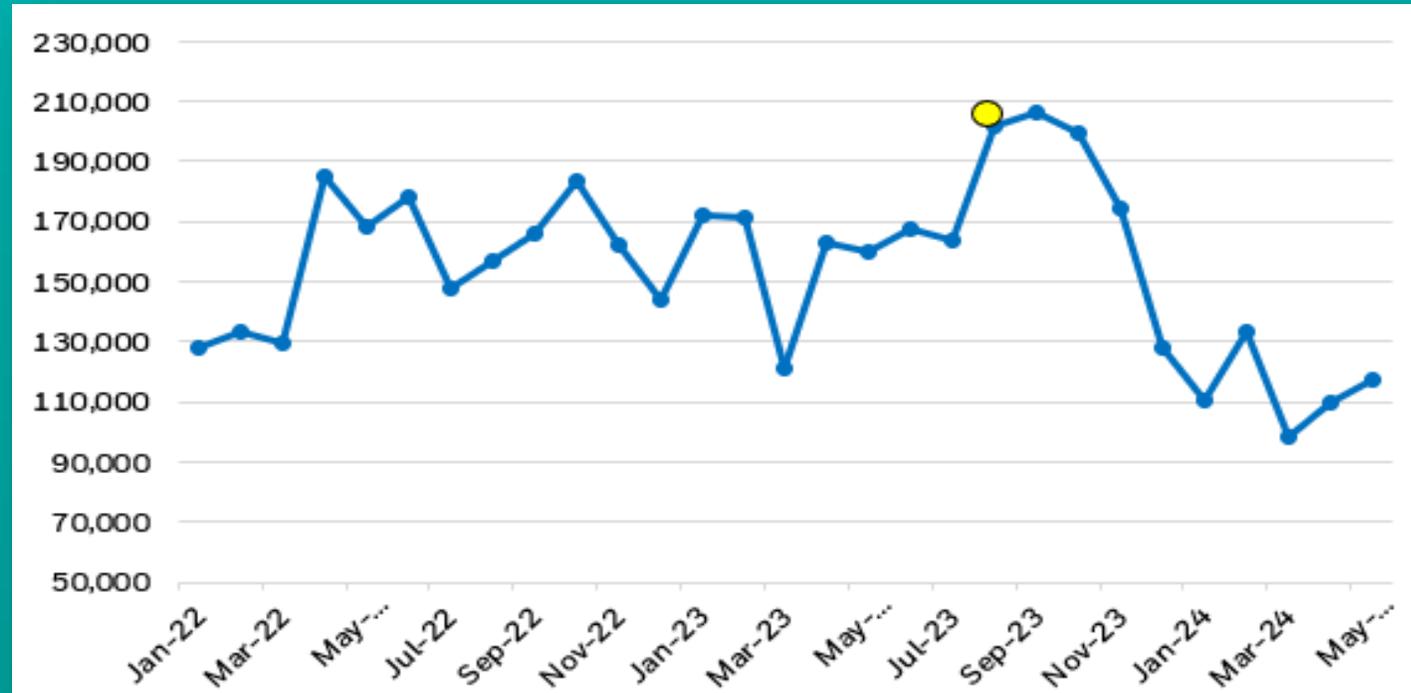
Tropicana Village – ‘Aiea

Pearlridge Gardens and Tower – Pearlridge

Kāhala Towers - Kāhala



SUCCESS STORY: ALAKEA CORPORATE TOWER



Upgraded Conductivity Controller

\$412.50 Rebate

Saved 93,500 gallons/month after upgrade

\$11,287 annual utility savings



SUCCESS STORY: RAMADA PLAZA

Replace 200 toilets from 3.5 gpf to 1.28 gpf

\$9K rebate (\$45) / \$20K rebate (\$100)

Average Water Savings of 5,000 gallons per day

Over \$17,000 annual utility savings

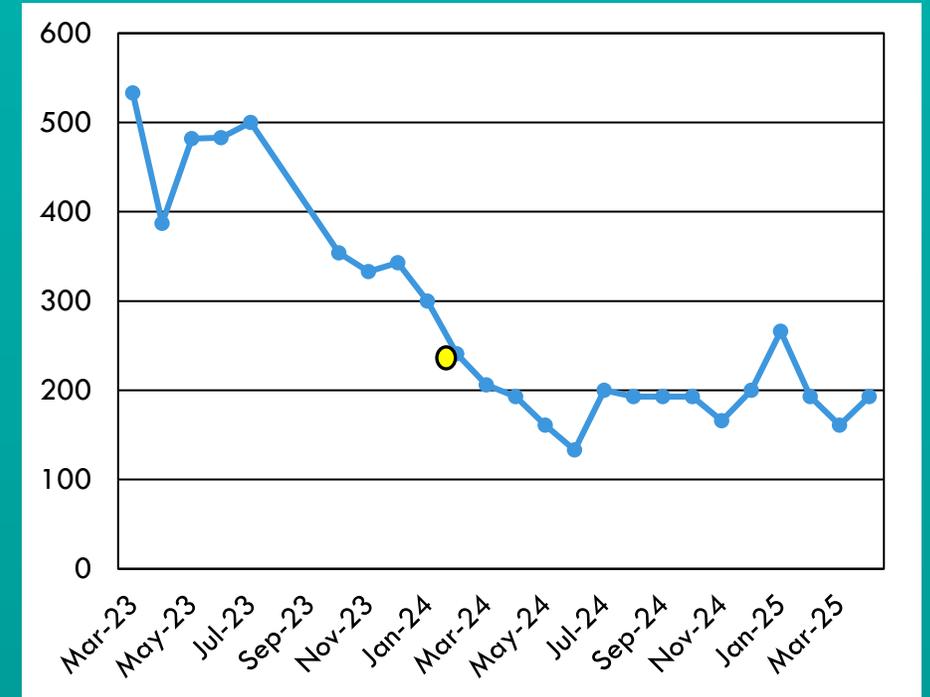
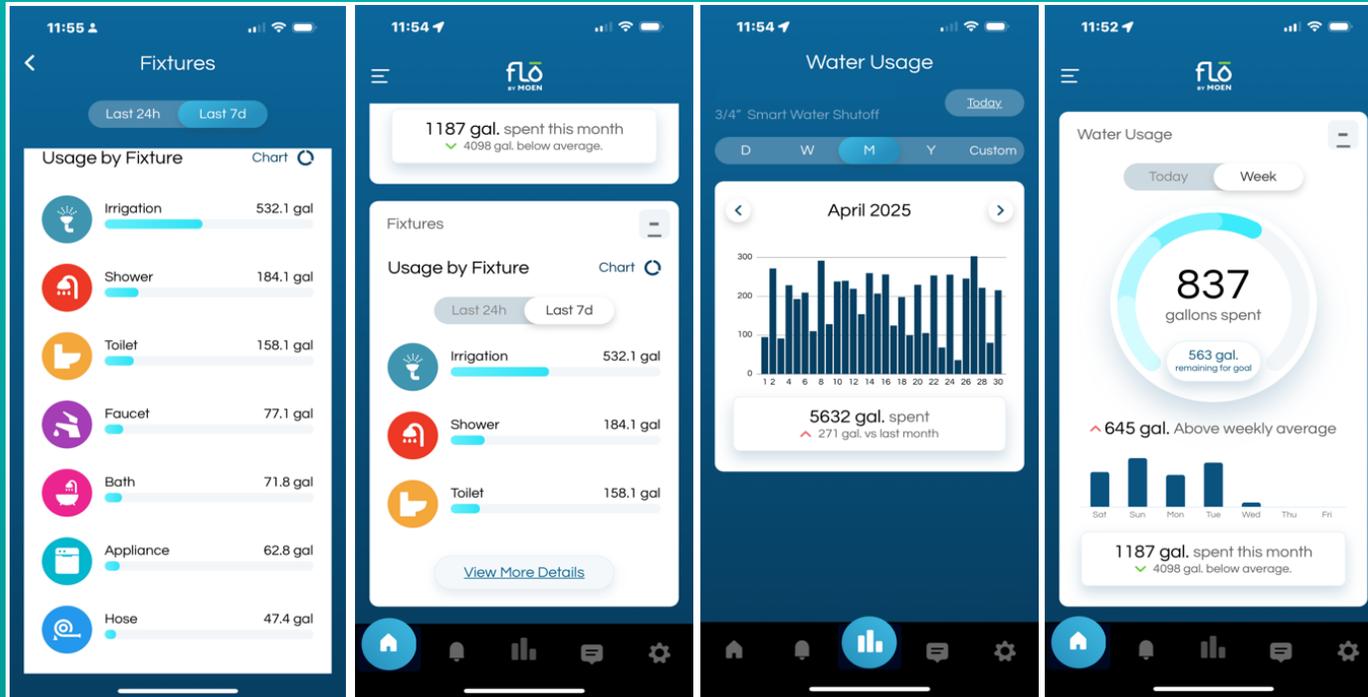
Payback period

10 months (\$45 rebate - self installed)

3 months (\$100 rebate)



SUCCESS STORY: SMART WATER MONITOR



- \$200 Rebate
- Water use dropped by 189 gallons per day
- Customer likes the water use breakdown and goal setting features



WATER SENSIBLE PROGRAM TEAM OUTREACH EVENTS



City Mill's Fall Garden Expo – August 17, 2024



WATER SENSIBLE & CONSERVATION SOCIAL MEDIA

Board of Water Supply
Sponsored · 🌐

Save precious water by collecting and using rainwater for landscape irrigation.

**CATCH THE RAIN:
SAVE MONEY AND WATER**



BOARDOFWATERSUPPLY.COM
Get a \$40 rebate on a rain barrel!
Find Water Sensible rebates... [Learn more](#)

Like Comment Share

Honolulu Board of Water Supply
Sponsored · 🌐

The Water Sensible Program offers rebates for products that help you save money and protect O'ahu's precious water.



**Protect
O'ahu's
Water.
Get
Rebates!**

WaterSensible

BOARDOFWATERSUPPLY.COM
See available rebates... [Learn more](#)

Like Comment Share

Honolulu Board of Water Supply
Sponsored (demo) · 🌐

Earn rebates of \$40-\$200 on water-efficient products that help lower your water bills.



Save water. Save money.

BOARDOFWATERSUPPLY.COM/RESIDENTIALREBATES
Explore available rebates
The Water Sensible Program [Learn more](#)

Like Comment Share

71 1 comment 5 shares



DIRECT MAIL CAMPAIGN

Condos and Apartments

SAVE WATER, SAVE MONEY

Get up to \$100 in rebates by purchasing and installing eligible water-efficient products.

WaterSensible

\$75 REBATE
Clothes washer

\$100 REBATE
Toilet

Single Family Homes

SAVE WATER INSIDE AND OUT

From washers to rain barrels, get up to \$200 in rebates by purchasing and installing eligible water-efficient products.

WaterSensible

\$40 REBATE
Rain barrel

\$100 REBATE
Toilet

UP TO \$100 REBATE
Weather-based irrigation controller

\$75 REBATE
Clothes washer

50% OFF UP TO \$200 REBATE
Smart water monitor

LIMITED TIME OFFER

Get \$100 back and use up to 60% less water when you purchase and install an EPA WaterSense® toilet.

- Offer valid for purchases made on or after 1/19/24, while funding lasts
- Tank and bowl must be purchased together and use 1.28 gallons per flush or less
- Limit four per household

SAY HELLO TO LOWER WATER BILLS

Board of Water Supply

Scan to see all rebate details at
BoardOfWaterSupply.com/ResidentialRebates
808.237.6877

LIMITED TIME OFFER

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SAY HELLO TO LOWER WATER BILLS

Board of Water Supply

Scan to see all rebate details at
BoardOfWaterSupply.com/ResidentialRebates
808.237.6877

<First Name_Middle Initial_Last Name>
<Street Address 1>
<Street Address 2>
<City, State, Zip_Code Zip+4>



MARKETING

2025

JANUARY

Mo	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

Mo	Tu	We	Th	Fr	Sa	Su
						1
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
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MARCH

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APRIL

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MAY

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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NYCDesign.co

- February: Water Conservation Contest
- March: World Water Day
- April: Detect-A-Leak
- May: Poster and Poetry Contest
- June: Disaster Preparedness
- July: Smart Irrigation Month
- August: Disaster Preparedness
- September: Disaster Preparedness
- October: Imagine A Day Without Water
- November & December: Holiday Theme



DETECT A LEAK WEEK PROCLAMATION



Proclamation

WHEREAS, O'ahu's limited precious water resources are vital to sustain our high-standard of living and prosperous economy, while maintaining the health and welfare of residents; and

WHEREAS, the City and County of Honolulu's Board of Water Supply (BWS) continues its mission to protect O'ahu's water supply by providing its residents with an abundance of fresh and safe drinking water through more than 2,100 miles of pipeline; and

WHEREAS, residents are called upon to be responsible stewards of this finite resource through regular leak detection, such as the repair of leaky pipes, faucets, irrigation systems, and toilets, and to replace older inefficient toilets with WaterSense (1.28 gallons per flush) labeled models, as an effective way to save water from going to waste; and

WHEREAS, the BWS will observe the annual Detect-A-Leak Week campaign from April 16 - 22, 2023, to promote the significance of leak detection, with an emphasis on the importance of replacing older toilets with WaterSense labeled models; and

WHEREAS, Hardware Hawai'i is co-sponsoring this campaign by contributing four WaterSense labeled toilets to be given away to help consumers save water and money on their water bills; and

WHEREAS, free toilet leak detection dye tablets will be available during Detect-A-Leak Week at Hardware Hawai'i stores, satellite city halls, or in the lobby of the BWS's Public Service building,

NOW, THEREFORE, I, RICK BLANGIARDI, Mayor of the City and County of Honolulu, do hereby proclaim April 16 - 22, 2023, to be

2023 DETECT-A-LEAK WEEK

to strongly encourage O'ahu residents to participate in regular water conservation practices, especially leak detection in homes and places of business.

Done this 16th day of April, 2023,
in Honolulu, Hawai'i.




RICK BLANGIARDI



IMAGINE A DAY WITHOUT WATER

National observance about the importance of water.

6th annual event held Saturday, September 20, at Windward Mall.

Over 20 government & community groups participated.

Featured: exhibits, interactive activities & workshops, including one on rain barrels.

Imagine A Day Without Water



SAT., SEPT. 20 | 10 AM - 2 PM
Windward Mall (Center Court)

20+ City, State and Community Partners
Free Family Fun Activities
Giveaways
Workshops



www.boardofwatersupply.com/onewaterhawaii



HAWAII GREEN BUSINESS PROGRAM (GBP)

WORK WITH BUSINESSES TO:

- Conserve Energy & Water
- Preserve Culture & Natural Resources
- Increase Community involvement
- Prevent Pollution
- Reduce Waste

CATEGORIES:

- Hotel
- Restaurant
- Venue or event
- Office
- Grocery





RAIN BARREL WORKSHOPS

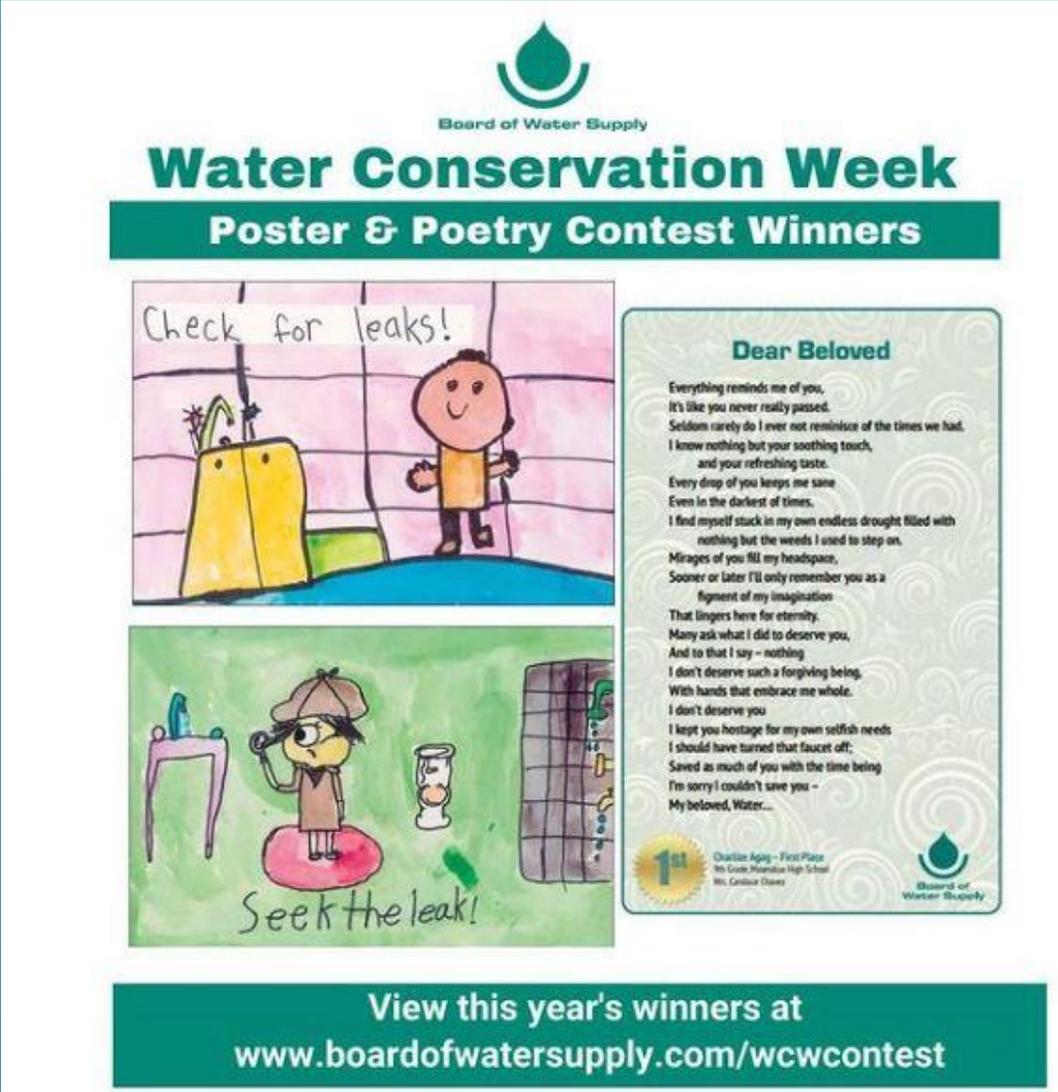


ANNUAL CALENDAR CONTEST

2025 Stats:

- Poster Schools: 46
- Poem Schools: 15
- Number submitted:
 - Posters: 997
 - Poems: 357

2026 Theme – Everyday Conservation



The image is a promotional poster for the Water Conservation Week Poster & Poetry Contest. At the top, it features the Board of Water Supply logo and the title "Water Conservation Week Poster & Poetry Contest Winners". Below the title are two children's drawings. The first drawing, titled "Check for leaks!", shows a boy in a yellow shirt and black pants standing next to a yellow water heater. The second drawing, titled "Seek the leak!", shows a girl in a brown dress and hat standing on a pink circular mat, looking at a small white container. To the right of the drawings is a poem titled "Dear Beloved" by Charlie Agay. The poem is about missing someone and the importance of water. At the bottom of the poster, there is a green banner with the text "View this year's winners at www.boardofwatersupply.com/wcwcontest".

Board of Water Supply

Water Conservation Week

Poster & Poetry Contest Winners



Check for leaks!



Seek the leak!

Dear Beloved

Everything reminds me of you,
It's like you never really passed.
Seldom rarely do I ever not reminisce of the times we had,
I know nothing but your soothing touch,
and your refreshing taste.
Every drop of you keeps me sane
Even in the darkest of times.
I find myself stuck in my own endless drought filled with
nothing but the weeds I used to step on.
Mirages of you fill my headspace,
Sooner or later I'll only remember you as a
figment of my imagination
That lingers here for eternity.
Many ask what I did to deserve you,
And to that I say - nothing
I don't deserve such a forgiving being,
With hands that embrace me whole.
I don't deserve you
I kept you hostage for my own selfish needs
I should have turned that faucet off;
Saved as much of you with the time being
I'm sorry I couldn't save you -
My beloved, Water...

1st Charlie Agay - First Place
10th Grade, Mountain High School
Mt. Carmel, Ohio

Board of Water Supply

View this year's winners at
www.boardofwatersupply.com/wcwcontest



XERISCAPE GARDEN

Jan 2025 – Volunteer group has grown and started educational workshops for the volunteers.

August 2025 – Annual Unthirsty Plant Sale.

Ongoing – Outreach with KHON “Get Dirty” segment, senior groups, schools, parks, community events.



VOLUNTEERS NEEDED
Halawa Xeriscape Garden
Wednesdays & Saturdays
9 AM - Noon

Help maintain the garden and/or propagate plants in the nursery.

Interested?
Call (808) 748-5315
or email
workshops@hbws.org
for more details.





MAHALO!



UPCOMING STAKEHOLDER ADVISORY GROUP MEETINGS

- Thursday, January 15, 2026
- Thursday, April 16, 2026
- Thursday, July 16, 2026
- Thursday, October 15, 2026

Performance Scorecard

Updated 30-Year CIP

CIP Prioritization

Long Range Financial Plan

Water System Facilities Charge



IN MEMORIUM



Arlene Post
Outreach and Communications Professional
October 17, 2025





Mahalo!

Providing safe, dependable, and affordable drinking water, now and into the future.