

TWSA Board Meeting – Quarter 4 2025
Wednesday, December 10, 2025 – 1:30 PM – 3:00 PM
Incline Village GID Public Works, 1220 Sweetwater Rd
Incline Village, NV 89451

and

Please join the meeting from your computer, tablet, or smartphone®

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Agenda

- A. Introductions: New members or guests
- B. Public Comment: Conducted in accordance with Nevada Revised Statutes (NRS)
- C. Presentations: No Presentations Scheduled
- D. Approval of Agenda for December 10, 2025.
- E. Approval of Minutes from September 3, 2025.
- F. Reports
 - a. Staff Reports
 - i. Staff Activity Report
 - ii. Budget Reports
 - iii. TWSA Chair Report
- G. General Business (verbal updates, discussion, or for possible action):
 - a. 2026 Board Meeting Dates – For Approval
Proposed Wednesdays: March 4, June 3, September 2, December 9
 - b. LTRA and Fire Suppression Partnership – General Update (STPUD)
 - c. Pollution Prevention Projects – General Update
 - i. Education and Outreach Strategy, please be prepared to discuss your agencies
 - 1. Social Media Customer Engagement
 - 2. Community Outreach Strategies for Boil Water Notices
 - ii. Data Management Project for UCMR
- H. Purveyor Updates
- I. Public Comment
- J. Adjournment

TWSA Board Meetings are held on Wednesdays, quarterly, from 1:30 to 3:00 PM, virtually

2025 Board Meeting Dates: March 5, June 4, September 3, December 10

TWSA Board of Directors

Joe Pomroy (Chair), Suzi Gibbons (alternate)	North Tahoe Public Utility District
Kate Nelson (Vice Chair)	Incline Village General Improvement District
Cameron McKay	Glenbrook Water Cooperative
Tom White, Richard Robillard (alternate)	Douglas County Systems
Brandon Garden	Round Hill General Improvement District
Derek Dornbrook, Joe Esenarro (alternate)	Kingsbury General Improvement District
Patrick McKay, Mike McKee (alternate)	Edgewood Water Company
Nakia Foskett	Lakeside Park Association
Dan Lewis, Kim Boyd (alternate)	Tahoe City Public Utility District
Shelly Thomsen	South Tahoe Public Utility District (Non-voting)

For more information, please contact:

Sarah Vidra, TWSA Executive Director
1220 Sweetwater Road, Incline Village, NV 89451
775-832-1284 or e-mail sgv@ivgid.org

Certification of posting of agenda, online posting, and e-mail delivery of notice provided three business days ahead of the meeting.

Public comment is allowed, and the public is welcome to submit their comments in person or via e-mail (please send your comments to SGV@IVGID.org by 5:00 PM on Tuesday, December 9, 2025). Comments can be made via telephone at 775-831-1284 on the day of the meeting.

Notes: Items on the agenda may be taken out of order, combined with other items, removed from the agenda, moved to the agenda of another meeting, or may be voted on in a block. Items with a specific time designation will not be heard prior to the stated time but may be heard later. Members of the public who are disabled and require special accommodations or assistance at the meeting are requested to call IVGID at 775-832-1284 at least 24 hours prior to the meeting.

TWSA agenda packets are available at the TWSA website (www.TahoeH2O.org) or the TWSA office at 1220 Sweetwater Road, Incline Village, Nevada 89451.

TWSA Board Meeting – Quarter 3 2025
Wednesday, September 3, 2025 – 1:00 PM – 2:32 PM

Meeting Minutes

Members in attendance: Chair Joe Pomroy – NTPUD (acting as proxy for IVGID); Branden Garden RHGID (acting as proxy for KGID); Nakia Foskett – LPA; Kim Boyd – TCPUD; Shelly Thomsen – STPUD; Thomas White – Douglas County; Patrick McKay – Edgewood; Cameron McKay – Glenbrook

TWSA Staff in attendance: Sarah Vidra; Mark Helleckson

Guests in Attendance: Reggie Lang – NDEP; Dan Lewis - TCPUD

A. Introductions:

Board Chair Joe Pomroy opened the meeting at 1:02PM on Wednesday September 3, 2025. Joe introduced himself as the new board chair as decided at the previous meeting

Kim Boyd was having technical issues, so Dan Lewis introduced himself as the new Director of Utilities at TCPUD.

B. Public Comment: No public comment

C. Presentations: No presentations scheduled

D. Approval of Agenda for September 3, 2025.

Sarah Vidra shared that the meeting had to be posted physically due to Nevada government system outage.

Thomas White made a motion to approve agenda; Brandon Garden seconded the motion which passed unanimously.

E. Approval of Minutes from June 4, 2025.

Branden Garden made a motion to approve minutes from 6/4/2025, Thomas White seconded the motion, which passed unanimously.

F. Reports

a. Staff Reports

i. Staff Activity Report

Sarah Vidra gave the staff report for June through August. Highlights of that report included: Attendance and bottle distribution at the Tahoe Summit; requesting water data from all purveyors July 1, 2024, to June 30, 2025; outreach and collaborative efforts with Placer county to share information on the water bottle filling station grant program as the county looks to implement a single use bottle ban; spill reports for the lake; participation in the LRWQCB triennial review period and the report out from the TKPOA control methods test; and updated job titles for the TWSA as the Source Water Protection Program Supervisor, and the Source Water Protection Specialist.

ii. Budget Reports

Sarah Vidra provided an update to the budget, including a reduction in the central-services cost.

iii. TWSA Chair Report

Chair Pomroy used the chair report to take a pulse on willingness to engage in in-person meetings going forward. A discussion occurred with the following points made by board members:

- Shelly Thompsen likes the idea and proposed half of the meetings in person half online
- Sarah Vidra added that in the past location rotated between north shore and south shore
- Cam McKay said there is a lot of value in face-to-face meetings
- Brandon Garden said he felt that a lot was lost doing meetings remotely
- Thomas White said that with the drive up from the valley he would prefer only two meetings each year in person
- Nakia stated that she enjoys the in-person interactions – weather dependent
- Joe said meetings could be hybrid
- Shelly brought up a concern that hybrid meetings feel like the folks in the room are doing all the talking, and it's easy for those online to opt out of the discussion

The chair took all the feedback, and the December 2025 meeting will be hosted in person at IVGID.

The Chair also updated that Shelly was able to facilitate a meeting between the TWSA chair and Kim Carringer with the TRPA to allow the TWSA to have a seat at the table for ongoing discussions regarding the invasive weed removal plans in the Tahoe Keys.

G. General Business (verbal updates, discussion, or for possible action):

a. Drink Tahoe Tap® Trademark Renewal

Sarah Vidra gave an overview of the two trademarks “Drink Tahoe Tap®” and “I Drink Tahoe Tap®”. The I Drink Tahoe Tap® renewal would cost \$4550.00, and require an augmentation of the budget of \$4250.00

Limited discussion occurred on this item, including the limited use of the “I Drink Tahoe Tap®” mark, but maintaining the mark so nobody else can use it.

Kim Boyd made a motion to renew both marks and augment the budget. Cam McKay seconded the motion, which was approved unanimously.

Kim asked a clarifying question of where the budget augmentation was coming from, Sarah said it could come from reserves or the reduction in central services costs.

Tom White made a motion to take the funding out of the existing reserves, Patrick McKay seconded the motion which was approved unanimously.

b. TWSA Goals Review (Last Executed June 2023)

Sarah reviewed the item explaining there are two items on the table, 1. finalizing the 2025 goals that have been ongoing, and 2. Setting goals for 2026. These goals are related to the watershed control program. Sarah explained that it was a catchup item as goals had not been adjusted since 2023.

Tom White made a motion to approve the 2025 goals, Nakia Fossett seconded the motion, which was approved unanimously.

The board chair reviewed the 2026 goals and opened a discussion. Kim Boyd stated she liked the new format but wanted to change 2-3 to say “support watershed protection projects.” No other discussion occurred.

Kim Boyd made a motion to approve the 2026 goals with the amendment to 2-3, Brandon Garden seconded the motion, which passed unanimously.

c. Pollution Prevention and Emerging Contaminants of Concern

i. PFAS Monitoring and Assessment

Sarah Vidra reviewed the details of the item, including sharing the IVGID had completed the second round of monitoring for PFAs, and all results were below the MCL. Sarah asked the board if they would like TWSA staff to compile a database of all purveyor results under the UCMR and be a point of contact for that data. Joe explained the benefits of having the information in one place since many purveyors already ask each other about that data. Joe recommended that all purveyors share PFAs and emerging contaminants surface water data with TWSA staff to compile into a single database.

ii. Aquatic Invasive Plants

Sarah provided an overview of current AIS projects within the Tahoe basin. Sarah went on to review the specifics of the TKPOA CMT, including ongoing participation of the TWSA in the working groups to continue bringing the discussions back to source water protection for public drinking water systems. A discussion occurred on the TKPOA and possible next steps:

- Kim asked if TKPOA is proposing additional chemical treatments, Sarah clarified that it is unknown at this time, other than TKPOA assembling a stakeholder group
- Shelly Thomsen asked about cyanobacteria monitoring. Sarah stated that she was able to get all the appendixes from the report, which included HAB monitoring, which did show increases at treatment sites.
- Joe Pomroy stated that the Tahoe Keys would continue to be represented by the same consultants, Sarah confirmed that it would still be Sierra Ecosystems Associates and Dr. Lars Anderson who built a career on herbicide usage.

H. Purveyor Updates

Glenbrook: Cam McKay provided an update with the following information: There are no big projects in the works and are looking to replace some pumps in the next fiscal year.

Cave Rock – Skyland & ZWUD: Thomas White had no update

RHGID: Brandon Garden provided an update with the following information: second phase of SCADA upgrades is moving forward; New analytical equipment is coming online; Moving to AMI meters on an independently owned network instead of cellular; Secured funding from Tahoe Water for Fire Suppression Partnership for a water line and hydrant replacement

KGID: Derek Dornbrook did not provide an update to his proxy

Edgewood: Patrick McKay provided an update with the following information: No ongoing projects; a portion of the old intake broke free and began floating, it was resecured to the anchors. The problem was caused by use of non-stainless-steel parts that corroded.

LPA: Nakia Fosset provided an update with the following information: The LPA treatment plant parking lot was redone creating additional parking spaces; working on abandonment of a 1940s water line, conducting modeling to ensure they do not lose fire flow at the farthest end of their system; the old alarm system failed so they are upgrading to a SCADA system; working towards becoming a fully metered system by 2032.

TCPUD: Kim Boyd and Dan Lewis provided an update with the following information: Madden Creek phase three will replace 5000' of 8" main in the Homewood area; Rubicon One tank line replacement of 6" line with a 10" line completed; New treatment plant online; Tahoe Cedars project going forward as progressive design-build; lead service line inventory was completed on newly acquired Tahoe Swiss Village system; New utility super intendent hired, two new senior operators hired.

STUPD: Shelly Thomsen provided an update with the following information: Waterline project in Bijou neighborhood, upsizing main and installing hydrants; Looking into drilling new wells, and has purchased a new property where that drilling is occurring; Water tanks are being recoated; still working on lead service line inventory; STPUD celebrating 75 years of service.

IVGID: In Kate Nelson's absence, Mark Helleckson and Sarah Vidra provided updates with the following information: All UCMR 5 results came back non-detect; Effluent pipeline project complete.

NTPUD: Joe Pomroy provided an update with the following information: Installing AMI meters in coordination with contractor Phoenix Water Solutions and conducting lead service line inventory at the same time; Entering design phase for National Ave water treatment plant; Hired asset management technician.

NDEP: Reggie Lang provided an update with the following information: completed all sanitary survey except IVGID; IVGID hosted training for NDEP as NDEP implements an areawide optimization program;

I. Public Comment

No public comment

J. Adjournment

Cam McKay made a motion to adjourn at 2:32 PM, Tom White seconded the motion which passed unanimously.



Staff Report
September - November 2025

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| 1. Personnel Report | 4. Spill Reports |
| 2. Administration | 5. Standing Pollution Prevention Projects |
| 3. Summary of Public Outreach Events | 6. Advertising |
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1. Personnel Report

There are no personnel updates to report.

2. Administration

Drink Tahoe Tap® trademark renewal submitted for federal approval 11/12/2025.

Annual Report

The Watershed Control Program Annual Report production was the focus of TWSA staff in the fourth quarter. Data calls for missing information and clarification were sent, and all members responded. The water quality of Lake Tahoe for the reporting year of July 1, 2024, through June 30, 2025, showed source water meeting filtration avoidance criteria lake-wide. The member agencies did not report raw water turbidity above 5 NTU, and the fecal coliform microbial quality results had one result greater than 20 CFU/100 mL recorded once at the Edgewood intake. The narrative sections of the report highlight reporting year activities such as the 2025 TMDL report, TRPA EIP program, including mandatory decontamination of vessels entering Lake Tahoe, HAB reports, TKPOA CMT conclusion, and three-year results report, 2025 State of the Lake synopsis in relation to drinking water, and education and outreach program summary.

The executive report is in Attachment A to this staff report.

Estimated publication date: 12/12/2025

3. Summary of Public Outreach Events

Collapsible water pouches have been purchased for the fiscal year, 3,000 units.

- The AWWA WaterSmart Innovations and Sustainable Water Management conference was held in Reno in October 2025. The conference included a sold-out pre-conference facility tour to the TERC and IVGID water Treatment Plant. Staff facilitated a Q&A with participants after a short presentation on the Tahoe Water Suppliers Association.

- Staff participated in the El Dorado Water Agencies, Tahoe Plenary – *Pathways to Resilience: Managing Water in the Tahoe Basin*. Representatives from Lahontan RWQCB, TRPA, El Dorado County, the City of South Lake Tahoe, STPUD, TCPUD, and Lukins/TKPOA participated in the event focused on water and associated land-use challenges in the Tahoe Basin. Staff communicated to the agency and their facilitator, Santec, that public water systems within El Dorado County use Lake Tahoe as a source of water, that the primary focus of our organization is Microbial Quality and turbidity, and that contaminants of concern include.

Member Events

- West Lake Tahoe Water Treatment Plant “First Sip” on 9/10/2025
- STPUD 75th Anniversary celebration on 9/24/2025

4. Spill Reports

No Spills reported during the quarter.

5. Standing Pollution Prevention Projects

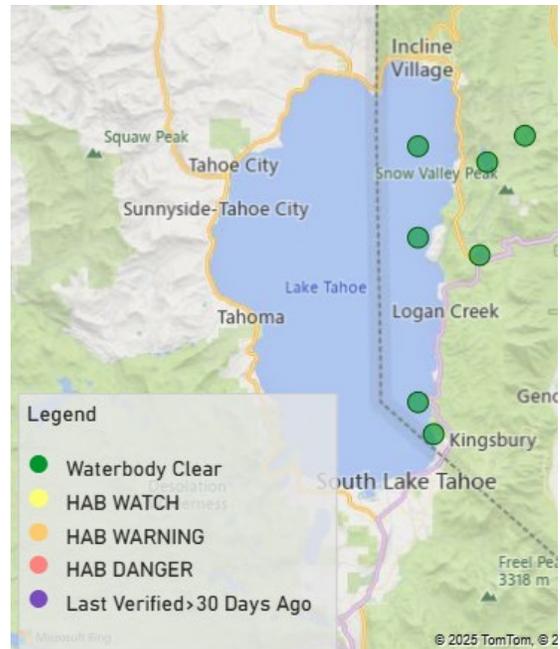
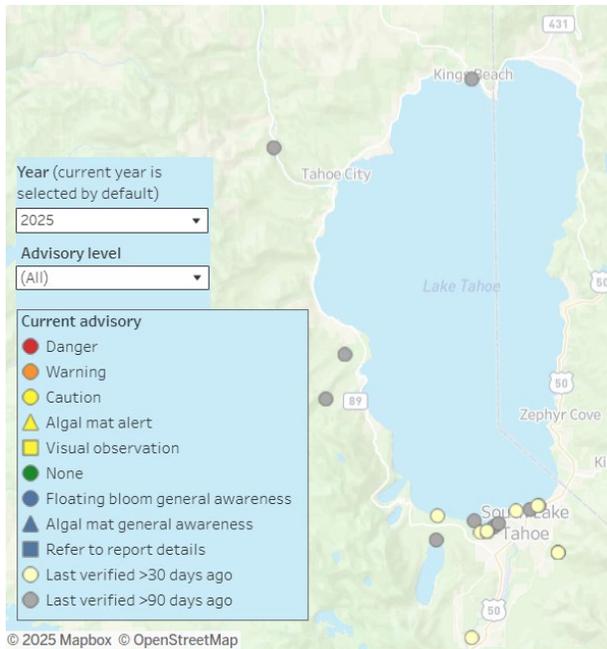
- Harmful Algae Blooms as reported by State Reporting websites on 12/02/2025.
CA State of California Water Quality Monitoring Council HAB Reports Map
<https://mywaterquality.ca.gov/habs/resources/reports-map/>
 - Placer County
 1. Kings Beach, No Reports within 90 Days. Previous Report Details water testing of samples resulted in no exceedance of an advisory trigger threshold (8/22/2025).
 - Eldorado County
 1. Connolly Beach, Caution Advisory Report Details: Observations confirmed that no bloom is present at this location. Causes of blooms include nuisance algae or harmful algal bloom species. This area may be impacted by excessive growth of aquatic weeds. Water testing of samples did not detect presence of harmful algal bloom produced by cyanobacteria (10/14/2025).
 2. El Dorado Beach, No Reports within 90 Days. Previous Report Details water testing of samples resulted in no exceedance of an advisory trigger threshold (8/22/2025).
 3. Kiva Beach, Caution Report Details: Observations confirmed that no bloom is present at this location, causes of blooms include nuisance algae or harmful algal bloom species. This area may be impacted by excessive growth of aquatic weeds. (10/14/2025).
 4. Pope Beach, No Reports within 90 Days. Previous Report Details Advisory based on presence of harmful algal bloom and water testing that detected cyanotoxins (5/28/2025).
 5. Regan Beach, Caution Advisory Report Details: Observations confirmed that no bloom is present at this location, causes of blooms include nuisance algae or harmful algal bloom species. This area may be impacted by excessive growth of aquatic weeds (10/14/2025).

6. Timber Cove Marina, Caution Advisory Report Details: Water testing of samples resulted in no exceedance of an advisory trigger threshold (9/18/2025)
7. Tahoe Keys East Marina, No Reports within 90 Days. Previous Report: Visual observation of harmful algal bloom from shoreline or boat. Water testing was not conducted to assess the bloom's toxicity, in accordance with statewide guidelines. Contact the water or land manager listed above to request water testing due to the confirmed visible bloom. Water testing of samples resulted in no exceedance of an advisory trigger threshold (8/22/2025).
8. Tahoe Keys Lagoon, three caution advisories, with one not reporting within 90 days. Report descriptions of advisories based on the presence of harmful algal bloom and water testing that detected cyanotoxins.
 - a. Slalom Court (site H) Caution Advisory Report Details: Advisory based on presence of harmful algal bloom and water testing that detected cyanotoxins (10/2/2025).
 - b. Traverse (site I) Caution Advisory Report Details: Advisory based on presence of harmful algal bloom and water testing that detected cyanotoxins (10/2/2025).
 - c. Venice Marconi (site 6) Caution Advisory Report Details: Advisory based on presence of harmful algal bloom and water testing that detected (10/2/2025).

NV, NDEP Harmful Algal Blooms Dashboard

<https://app.powerbigov.us/view?r=eyJrIjoizDIxMmZiZjktMTlhMS00ZTgxLWFmNTAtY2Y5Yzc3NzE0MTU4IiwidCI6ImU0YTM0MGU2LWI4OWUtNGU2OC04ZWFlLTE1NDRkMjcwMzk4MCI9>

1. Carson City, Waterbody Clear
 - a. Marlette Lake Waterbody Clear
2. Washoe, Waterbody Clear
3. Douglas, Waterbody Clear
 - a. Spooner Lake, Waterbody Clear
 - b. Nevada Beach Pond, Waterbody Clear



- Aquatic Invasive Species
 - TKPOA

The TKPOA planning team provided the following update:

“Please know the Tuesday October 28 Keys Weeds Planning Team meeting is cancelled, as well as the November and December dates.

The agencies and Tahoe Keys Property Owners Association have heard your request to focus on the containment of weeds and fragments and are deciding how to build on past and current efforts for a more comprehensive containment plan.

Also, the development of a weeds management plan is still in progress, for which we will seek your review when ready.

It is not expected that the Planning will meet until 2026. However, your continued participation on the Planning Team is requested and you will be provided with updates as available.

When we reconvene the Planning Team, you'll be hearing from me, Caelan, as I will be the organizer and facilitator. Kat McIntyre remains on the Planning Team representing TRPA.

Thank you for your commitment to water quality in the Keys and Tahoe.

Caelan McGee, Principal
Zephyr Collaboration”

Information about the TKPOA CMT can be found at www.tahoekeysweeds.org. This includes a recording of the July 18, 2025, webinar as well as links to regulatory reports and previous outreach materials.

The TWSA Watershed Control Program Report TKPOA AIS Summary is available in Attachment B.

- Lake Wide Aquatic Invasive Plants

- Nearshore Aquatic Weed Working Group (NAWWG)

- Staff participated in the November NAWWG meeting. The TRCD-led lake-wide AIP treatment season for 2025 was completed, with all sites reaching plant-free status. Any reinfestation in the control and surveillance sites will be from other plant sources; there will be no self-infestation.

- The League representative stated that the bubble curtains in the Tahoe Keys West channel are not operating to full functionality during the 2025 season due to power issues at the bubble curtain site. A percentage of time offline was not provided. The data collected on the bubble curtains for the containment efficacy study are challenging to interpret because the curtains were not operating at optimal performance.

- Additionally, the collective group noted a high frequency of AIP floating fragments within the waters of Lake Tahoe, specifically on the southeast shore.

- Microplastic

- Staff participated in the Tahoe Science Advisory Council Microplastic Committee in November. Presentations were provided on Microplastic studies conducted by DRI on Lake Tahoe, specifically 6PPDq, a plastic polymer found only in car tires, used to correlate vehicular tire microplastics in aquatic systems. USGS and DRI have sampled Lake Tahoe and tributaries for 6PPDq, with non-detect results in Incline Creek and higher concentrations in south shore creeks influenced by highways.

- Mobile Water Stations

- SWEP Truckee River Day Fair 10/17.

- Stewardship Action Team

- Staff participated in the September and October Lake Tahoe Destination Stewardship committee meetings.

- TRPA Shorezone Project Review

- Staff participated in the project review meetings in September, October, and November.

- The October project review meeting reviewed a project in Incline Village for the installation of a private Lake Tahoe water intake for an external fire suppression system. Staff answered agency questions on the use of the systems, including the need for water rights, the use of systems that meet

TRPA environmental standards, and the rationale for why external systems cannot be connected to the public water system to prevent drawdown in a fire emergency.

- Water Bottle Refilling Station Grant Program
Staff have received two applications totaling \$10,000.00 for refilling station grants in FY 2026 of the \$30,000.00 allocation.

Applicant	Number of Stations	Status	Amount
Cascade Kitchens	3	Unpaid	\$7,500.00
IVGID	1	Unpaid	\$2,500.00

The map of current water bottle fill stations is here: <https://takecaretahoe.org/water-stations/>

- Watershed Control Program Report
The Executive Summary for the 2025 WCP annual report is provided in Attachment A.

6. Advertising

- Drink Tahoe Tap® ads are running year-round: Tahoe.com print publication and website.
- Raley's / Drink Tahoe Tap® Collaboration, New bottles are available in the regional stores.

Attachment A - WCP Executive Summary

TWSA WATERSHED CONTROL PROGRAM ANNUAL REPORT 2024-25 EXECUTIVE SUMMARY

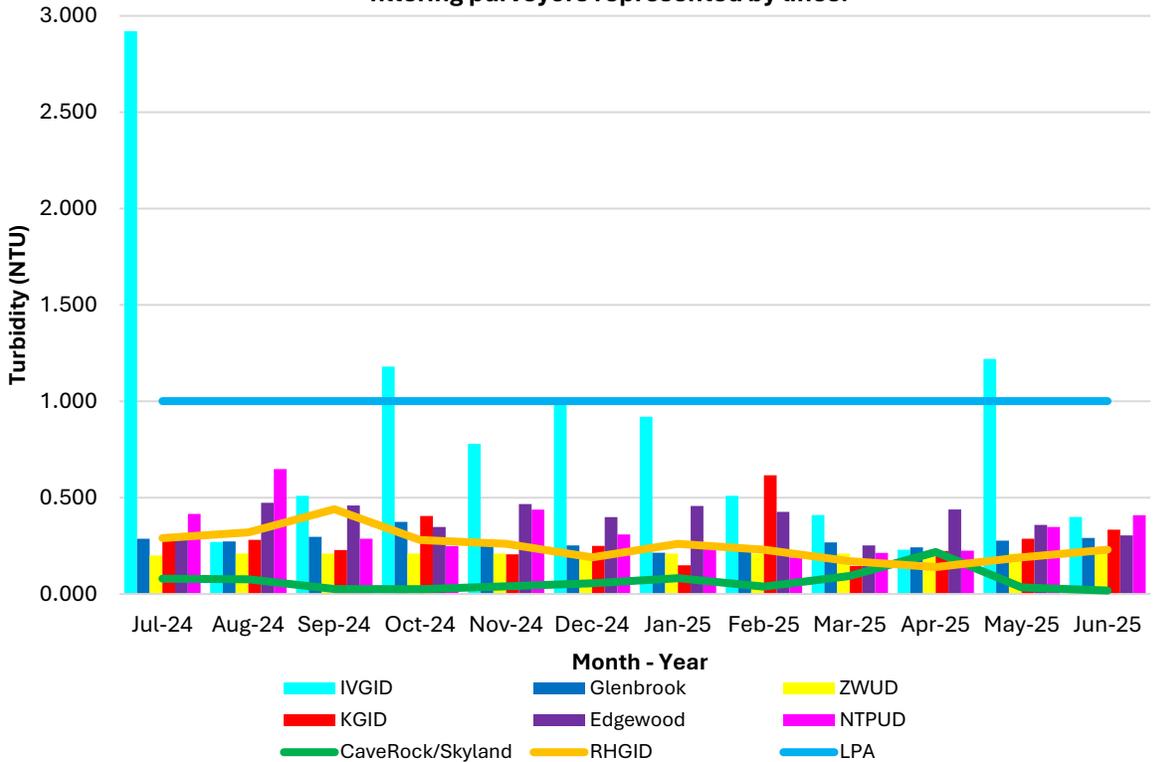
The Tahoe Water Suppliers Association (TWSA) continued to advance its mission of source water protection through coordinated watershed management and strong collaboration with regional partners. During the reporting year, from July 1, 2024, to June 30, 2025, TWSA completed a leadership transition with the retirement of long-time Executive Director Madonna Dunbar and the appointment of Sarah Vidra, who brings significant experience from her tenure as a TWSA staff member. The 2025 Watershed Control Program Annual Report outlines the basin-wide pollution prevention strategies implemented to protect Lake Tahoe as a high-quality drinking water source. This year's report further enhances the documentation of collective achievements across the Lake Tahoe Basin and demonstrates ongoing commitment to maintaining and improving watershed health in support of the Watershed Control Program.

Education and outreach are the primary watershed control strategies of the TWSA, and in 2025, the Drink Tahoe Tap® source water protection campaign continued to bridge regulatory and community sectors. The association implemented a range of education and outreach strategies, from letters to regulatory agencies advocating for the prevention of pesticide use to facilitating watershed science experiments for elementary students with Sierra Watershed Education Partnerships. Following agency tradition, the TWSA hosted the Drink Tahoe Tap® taste test throughout the spring Earth Day celebrations. The single-blind experiment had participants taste two tap waters and a bottled water to choose "what tastes best," and, as tradition dictates, the tap waters prevailed.

The traditions continued with TWSA, as nine of our members compiled their raw water data for a full watershed analysis of microbial quality and turbidity for the 23rd year. The word 'average' best describes this reporting year in terms of raw drinking water quality. Starting with an average precipitation year, the Lake Tahoe region received an average amount of precipitation 28.99 inches as reported from the Tahoe Environmental Research Center's *State of the Lake* report, with precipitation falling to an average snow accumulation of 32.28 feet, with a maximum depth of 11.15 feet as reported by the Central Sierra Snow Laboratory. This water year continues a pattern of Abnormally Dry, with a D0 score from the U.S. Drought Monitor. The movement of this average volume of water throughout the watershed provided TWSA members with turbidity and microbial quality results to meet the federal Surface Water Treatment Rule requirements for filtration avoidance, which require raw water turbidity less than 5 nephelometric turbidity units (NTU) and microbial quality total coliform results less than 100 colony-forming units per 100 milliliters (CFU/100 mL).

The TWSA reports annual maximum and mean turbidity for all members who produce drinking water sourced from Lake Tahoe for the reporting year of July 1, 2024, through June 30, 2025. During the reporting year, the maximum turbidity results for the purveyors ranged from 0.210 to 2.920 NTU (Figure 3.2), well below the 5 NTU requirement for filtration avoidance under the U.S. EPA Surface Water Treatment Rule. Annual mean turbidity results ranged from 0.027 NTU to 0.659 NTU for the reporting year.

Figure 3.2: Maximum turbidity by month for 2024-25 reporting year. Purveyors operating with filtration avoidance represented by bars; filtering purveyors represented by lines.



Microbial Quality is also combined and analyzed for members operating with Surface Water Treatment Rule filtration avoidance; Lakeside Park, which operates with filtration, is included as well to meet CA sanitary survey requirements. This variable is reported in the watershed control program as Total Coliform in the highest number of colony-forming units per 100 milliliters (CFU/100 mL) or most probable number of colony-forming units per 100 milliliters (MPN/100 mL) counted from a single raw water sample during a reporting month. During the reporting year, the maximum total coliform results for the purveyors ranged from 15.1 CFU/100 mL to 130.0 MPN/100 mL. The purveyors’ annual mean total coliform results ranged from 1.36 CFU/100 mL to 6.85 MPN/100 mL. All microbial quality results are below the filtration avoidance criteria of 100 CFU/100 mL.

Continuing with the average trend in the watershed, TWSA watershed collaborators continued to implement water quality programs as required by the U.S. EPA Clean Water Act, with the Lake Tahoe Total Maximum Daily Load (TMDL) reporting the removal of 727,000 pounds of fine sediment particles from entering Lake Tahoe in 2024. Collaborative effort in part of the Lahontan Regional Water Quality Control Board and the Nevada Division of Environmental Protection, implemented by the TRPA, with programs executed by Federal, Regional, State, and community partners. Fine sediment particles are a similar measurement to Turbidity, with the first focusing on the volume of particles, and turbidity an analysis of how those particles displace light.

During this reporting year, the Lake Tahoe watershed experienced two notable conditions related to water quality and resource protection: lake clarity and Aquatic Invasive Species (AIS). The Tahoe Regional Planning Agency’s (TRPA) Environmental Improvement Program intensified AIS prevention measures following the State of California’s report of the first confirmed Golden Mussel detection in the United

States, prompting implementation of mandatory boat decontamination protocols. In addition, the 2024 Annual Average Secchi Disk depth was measured at 62.3 feet, reflecting a decline in clarity compared to the preceding four years. These above-average conditions underscore the importance of ongoing monitoring and adaptive management to safeguard Lake Tahoe's water quality and drinking water source integrity.

The Tahoe Water Suppliers Association (TWSA) Watershed Control Program Annual Report provides a comprehensive assessment of the Lake Tahoe watershed and the measures implemented to protect this critical drinking water source. The 2025 report includes an updated watershed characterization, an evaluation of current and potential contaminating activities with considerations for future risk, a summary of monitoring results, and consolidated annual reporting requirements. The report concludes with key action plan highlights that guide ongoing and future protection efforts. Based on the demonstrated effectiveness of existing source water protection programs and the consistently high quality of the Lake Tahoe source, TWSA members anticipate continued compliance with the Surface Water Treatment Rule and the long-term ability to maintain filtration avoidance status.

Attachment B - WCP TKPOA AIS Summary

II. POTENTIAL CONTAMINATING SOURCES

II.I Identification and Mechanisms to Control, Potential Contaminating Sources

Pesticide Application Project Completion

TKPOA CMT Summary

Pesticide use is regulated in the Lake Tahoe basin by the state regulatory agencies and the TRPA. The waters of Lake Tahoe are not immune to the infestation of Aquatic invasive species (AIS), and the naturally occurring characteristics and man-made activities on the South Shore of Lake Tahoe make them susceptible to AIS infestations. Pesticides were first approved for use in the surface water of Lake Tahoe in California, under the regulatory authority of the Lahontan Regional Water Quality Control Board and the TRPA in 2022, for use in the Tahoe Keys Lagoons located in South Lake Tahoe, CA. All project information is available at the project website: <https://tahoekeysweeds.org/project-details/>

During the reporting year, the Tahoe Keys HOA completed its three-year Control Methods Test, which included the first-time use of aquatic herbicide in the surface waters of Lake Tahoe to control Aquatic Invasive Plants. The TWSA has been involved in the stakeholder process for the project and has submitted comments to regulatory agencies regarding the use of pesticides in Lake Tahoe's surface water, advocating for the implementation of all non-chemical methods. This includes letters opposing the 2015 amendments to the Lahontan RWQCB Lake Tahoe Basin Plan, specifically the prohibition on pesticides. See previous watershed control program reports for correspondence from the TWSA to the LRWQCB and TRPA.

The Tahoe Keys CMT was executed by the Tahoe Keys HOA, under the direction of the project team, for the three-year test of nuisance plant community biomass reduction for the recreational benefit of the 1500 homeowners, many with their own vessel slip in the 170-acre lagoons. There are no regulations on vessels accessing Lake Tahoe from the Tahoe Keys Lagoons, and no authority overseeing the transportation of AIS from the lagoons to Lake Tahoe.

The CMT included the use of herbicide in year 1 (2022) as a Group A treatment, followed by non-chemical treatments, Group B Treatments, in the following two growth seasons (2023 and 2024). Pesticides were only used in 2022 in 21.1 acres of aquatic habitat in the lagoons of the 46-acre test, with 14.4 acres treated with Endothall or Triclopyr and 8.7 acres in a combination group with UV-C Light treatment. With the use of double turbidity curtains, the herbicides were not detected in Lake Tahoe or the monitoring site in closest proximity to Lake Tahoe. The following two years had non-chemical methodologies applied to test the success of one-time use of chemicals, followed by non-chemical methods. The non-chemical methods used were Laminar Flow Aeration, UV Light, Diver-Assisted suction harvesting, and bottom barriers.

The three-year test concluded in 2024, with the following summary highlights presented from the project team.

Group A Treatment methods:

- **Herbicides:** 60% to 75% AIP reduction in mid-channel for targeted AIP
- **Triclopyr:** 75% reduction of curlyleaf pondweed in mid-channel
- **UV/Combo:** 60% to 75% AIP reduction in mid-channel
- **UV-Only:** 75% AIP reduction in mid-channel *in Years 2 and 3*

- **UV-Near-shore:** No practical and effective use for near-shore areas
- **High water:** Herbicide effectiveness in near-shore areas impeded
- **LFA:** No reduction AIP; but did improve DO and turbidity

Group B Treatment Methods:

- **UV SPOT:** 75% AIP reduction in mid-channel with 3 repeat treatments
Best in mid-channel in large areas
- **Bottom Barriers:** 95% AIP reduction while in place; AIP regrowth after removal
Small areas most practical
- **DASH:** 75% AIP reduction; some curlyleaf pondweed turion removal
Larger areas are more effective to reduce re-infestation
Poor visibility reduces selectivity of species
- **Post-Barrier Treatments:** 50 to 65 % AIP reduction; may require repeat treatments
(DASH, UV-Spot)

Tahoe Keys Lagoons Aquatic Weed Control Methods Test, Public Webinar of results from 3-year control methods test, July 18, 2025, slide presentation of CMT results: <https://tahoekeysweeds.org/project-details/>

The project team concluded that there is not one “Silver Bullet” treatment method for the Tahoe Keys Lagoons, based on the variability in the environmental factors, specifically water depth. With the use of Group A methods in 2022, a low water year compared to the following two years, a large volume of sample sites were not aquatic in 2022 and became submerged with 2-6 additional feet of water throughout the test duration (Figure 2.2).

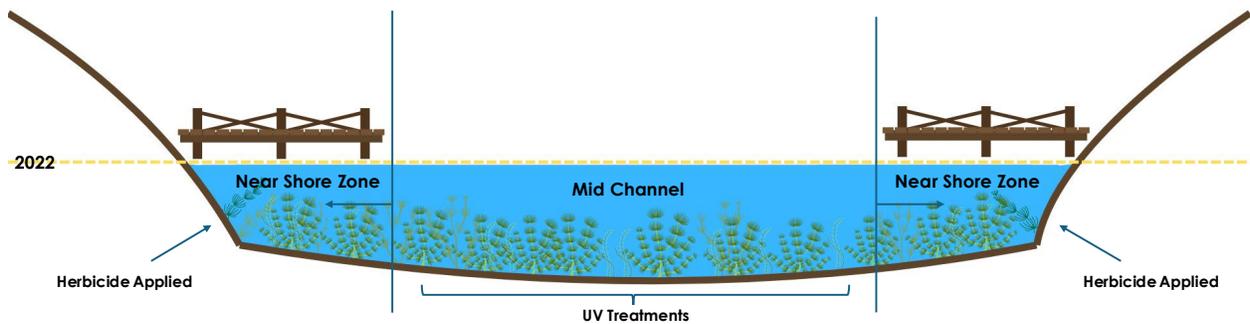
The increase in water depth from precipitation provided an untreated substrate in the nearshore for all Group A treatments. Leaving untreated nearshore in all test sites, not just those anticipated with UV-C treatment, due to the mobility of the treatment vessel amongst the recreation infrastructure of the lagoons. Herbicides were hypothesized to treat the entire nearshore area during the three-year CMT; however, the dry substrate in the Herbicide-only and combination sites resulted in untreated areas for plant growth in years 2023 and 2024. Herbicide treatment sites yield results similar to UV-C in the nearshore environment.

The CMT results also concluded that Laminar Flow Aeration did not meet the study goal of 75% biomass reduction of target plants. The LFA treatment sites did have better dissolved oxygen and turbidity measurements throughout the CMT. The LFA sites were the only sites that observed an increase in AIP populations due to treatment.

Figure 2.2: Water Depth comparison of CMT Herbicide and UV-C combination site from 2022 Group A treatment, through 2023-2024 Group B Treatment.

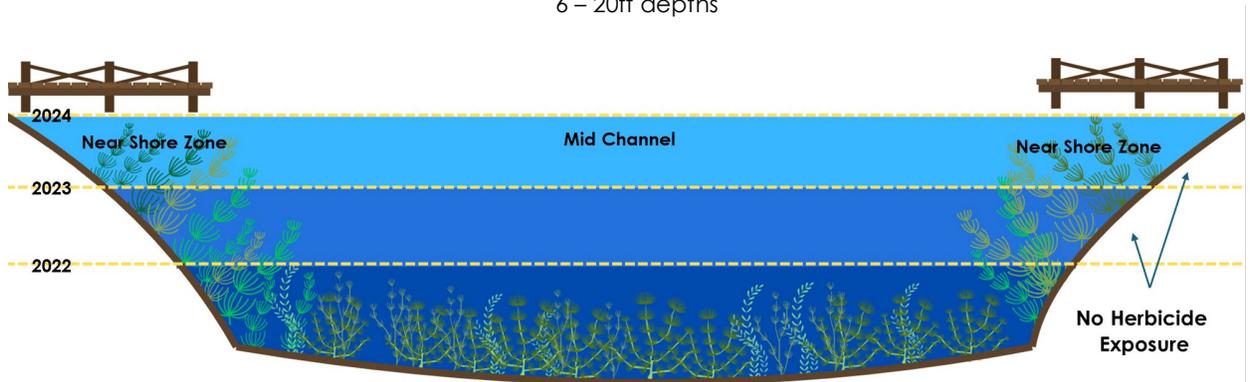
LAGOON ENVIRONMENT 2022

Combo Sites
 Herbicide only applied to near shore zones
 UV only in mid-channel
 4 – 14ft depths



LAGOON ENVIRONMENT 2023-2024

New AIP Habitat: More Area and More Water Volume
 6 – 20ft depths



Pesticide Application Future Considerations:

The TWSA will continue to work with regulatory agencies to promote the use of non-chemical methodologies in the Tahoe Keys Lagoons. The results of the CMT confirm the need for a large-scale combination of effective methodologies, which will allow for the treatment of the lagoons through multiple water year depths. If pesticides are used in the full-scale treatment of the Tahoe Keys Lagoons, it

is foreseeable that pesticide treatment will be a multiple-treatment methodology, and the impacts of long-term pesticide use will be seen. The TWSA will continue to advocate for the full implementation of non-chemical methodologies, including those of weed containment in the Tahoe Keys Lagoons.

The TKPOA CMT was litigated against in the El Dorado Superior Court, and the judge ruled on April 25, 2024, that the LRWQCB acted outside of their jurisdiction in granting the approval of the CMT without fully vetting non-chemical methodologies. TWSA submitted the following comment to the LRWQCB during the recantation of the project approvals in May of 2025¹. Staff also spoke to the LRWQCB board at the meeting, commenting that the use of herbicides in the water of Lake Tahoe is against the goals of the Watershed Control Program (EPA 1991).

Date: 04/16/2025

To: Lahontan Regional Water Quality Control Board

From: Tahoe Water Suppliers Association

RE: ADOPTION OF RESOLUTION NO. R6-2025-XXXX, RECISSION OF PROJECT APPROVALS REGARDING TAHOE KEYS LAGOONS AQUATIC WEED CONTROL METHODS TEST (RESOLUTION NO. R6T-2022-0002, RESOLUTION NO. R6T-2022-0003, BOARD ORDER NO. R6T-2022-0004, AND BOARD ORDER NO. R6T-2022-0005)

The Tahoe Water Suppliers Association (TWSA) is in favor of the proposed resolution that fully vacates and sets aside all approvals of the Tahoe Keys Property Owners Association (TKPOA) Control Methods Test (CMT). TWSA supports finding a solution to the aquatic invasive plant (AIP) problem in the Tahoe Keys and continues to applaud the teams for their efforts in tackling the tremendous AIP problem.

At this time, the TWSA sees the rescission of project approvals as the proper course of action, as the primary outcome will be removing the regulatory roadmap of herbicide use in the ONRW Tier III water of Lake Tahoe. The TWSA supports non-chemical methodologies, as Lake Tahoe provides source water for the communities our members serve.

The TWSA recognizes that an AIP problem exists in the Tahoe Keys and that some form of treatment must be used to prevent the spread of those AIP to other locations in Lake Tahoe and throughout the Truckee River Watershed. TWSA encourages the TKPOA, LRWQCB, and TRPA to pursue a new combination CEQA EIR and TRPA EIS limited to non-chemical treatments in the Tahoe Keys.

The mission of the Tahoe Water Suppliers Association is to develop, implement, and maintain an effective watershed control program in order to satisfy recommendations in watershed sanitary surveys, advocate for the protection of Lake Tahoe as a viable source of drinking water, and to satisfy additional state and federal requirements. The use of herbicides in Lake Tahoe is in direct opposition to protecting Lake Tahoe as a viable source of drinking water. For this reason, TWSA strongly supports the proposed resolution to rescind the CMT project approvals.

Thank you for the opportunity to comment.

Respectively submitted on behalf of the Tahoe Water Suppliers Association Board,

Sarah Vidra

TWSA, interim Executive Director

Suzi Gibbons

TWSA, Board Chair

Previous TWSA reports hold correspondence from the organization to regulatory agencies in regard to the TKPOA CMT, including those in reference to Lake Tahoe Basin Plan Amendments regarding Pesticide Prohibition. In addition to correspondence letters, staff summaries, and media coverage are archived.

¹ https://www.waterboards.ca.gov/lahontan/board_info/agenda/2025/may/Item8.pdf

Incline Village General Improvement Dist



YEAR-TO-DATE BUDGET REPORT

FOR 2026 12

20002899 Utilities TWSA Administration

-197,306.74 TWSA - Deferred Revenue Balance - FYE25 - as of 11.07.2025

OBJECT	ACCOUNT DESCRIPTION	ORIGINAL APPROP	REVISED BUDGET	YTD ACTUAL	MTD ACTUAL	ENCUMBRANCE/REQ	AVAILABLE BUDGET	% USED
4417	Service & User Fees	-189,800.00	-189,800.00	-189,805.00	0.00	0.00	5.00	100.00
5010	Salary	0.00	0.00	13,370.40	0.00	0.00	-13,370.40	100.00
5012	Hourly	39,300.00	39,300.00	0.00	0.00	0.00	39,300.00	0.00
5020	Other Earnings	0.00	0.00	166.21	0.00	0.00	-166.21	100.00
5050	Taxes	3,100.00	3,100.00	1,025.60	0.00	0.00	2,074.40	33.10
5100	Retirement Fringe Ben	7,100.00	7,100.00	2,481.62	0.00	0.00	4,618.38	35.00
5200	Medical Fringe Ben	0.00	0.00	2,999.39	0.00	0.00	-2,999.39	100.00
5250	Dental Fringe Ben	0.00	0.00	201.76	0.00	0.00	-201.76	100.00
5300	Vision Fringe Ben	0.00	0.00	22.08	0.00	0.00	-22.08	100.00
5400	Life Ins Fringe Ben	100.00	100.00	50.26	0.00	0.00	49.74	50.30
5500	Disability Fringe Ben	200.00	200.00	5.50	0.00	0.00	194.50	2.80
5600	Unemployment Fringe Ben	600.00	600.00	207.11	0.00	0.00	392.89	34.50
5700	Work Comp Fringe Ben	3,200.00	3,200.00	1,097.84	0.00	0.00	2,102.16	34.30
7010	Advertising - Paid	10,000.00	10,000.00	0.00	0.00	0.00	10,000.00	0.00
7330	Contractual Services	7,000.00	7,000.00	6,200.00	0.00	0.00	800.00	88.60
7340	Dues & Subscriptions	500.00	500.00	0.00	0.00	0.00	500.00	0.00
7415	Operating	27,000.00	27,000.00	10,207.68	0.00	0.00	16,792.32	37.80
7470	Printing & Publishing	11,000.00	11,000.00	0.00	0.00	0.00	11,000.00	0.00
7680	Training & Education	3,300.00	3,300.00	0.00	0.00	0.00	3,300.00	0.00
	Total 28 TWSA	-77,400.00	-77,400.00	-151,769.55	0.00	0.00	74,369.55	196.10
	Total 20002899 Utilities TWSA Admin	-77,400.00	-77,400.00	-151,769.55	0.00	0.00	74,369.55	196.10
	Total 200 Utility Fund	-77,400.00	-77,400.00	-151,769.55	0.00	0.00	74,369.55	196.10
	Revenue Total	-189,800.00	-189,800.00	-189,805.00	0.00	0.00	5.00	100.00
	Expense Total	112,400.00	112,400.00	38,035.45	0.00	0.00	74,364.55	33.80
	Grand Total	-77,400.00	-77,400.00	-151,769.55	0.00	0.00	74,369.55	196.10

** END OF REPORT - Generated by Sarah Vidra **

Report generated: 12/02/2025 15:56
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 Program ID: glytbud