



**TWSA BOARD MEETING
PACKET
For 6/12/2019**

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NOTICE OF MEETING:

The next regular meeting of the Tahoe Water Suppliers Association (TWSA) is:

Wednesday, June 12, 2019 / 12 noon to 4 pm

South Tahoe Public Utility District, 1275 Meadow Crest Drive

South Lake Tahoe, CA 96150 - Phone: (530) 544-6474

Lunch provided at noon

Conference call will be available:

Call **1-877-594-8353** / when prompted, Enter Conference Dial-in **17757186**

Agenda

A. Presentations

- Stacey Van Diest, Source Water Protection Specialist, Nevada Rural Water Association (NVRWA)
"Watershed Protection Plans / Watershed Story Maps"
 Reference link: <https://nvrwa.maps.arcgis.com/apps/MapSeries/index.html?appid=4104a31d81f14f05a3aad10f82cfb764>
 (1 hour)
- Jesse Patterson, Chief Strategy Officer, League to Save Lake Tahoe (LTSLT)
"Update on TKPOA/LTSLT AIS Projects and Activities"
 Short description of presentation items (see email (on page 15) in this packet). (1 hour)

B. Roll Call

C. Public Comment Conducted in accordance with Nevada Revised Statute Chapter 214.020 and limited to a maximum of 3 minutes in duration.

D. Introduction of Guests

E. Approval of Agenda

F. Approval of Minutes for the March 6, 2019 TWSA Board meeting.

G. Reports

- a. Staff Reports (Events, Tahoe Tap Refill Network, Scholarships, Cigarette Bin Project, Financials)
- b. Financial update – See Open Gov link for current budget and expenses:
https://inclinevillageidnv.opengov.com/transparency#/13549/accountType=revenuesVersusExpenses&embed=n&breakdown=types¤tYearAmount=cumulative¤tYearPeriod=years&graph=bar&legendSort=coa&month=1&proration=false&saved_view=62991&selection=CB5BA873E200D4E06EB4E08C133688F5&projections=null&projectionType=null&highlighting=null&highlightingVariance=null&year=2019&selectedDataSetIndex=null&fiscal_start=2018&fiscal_end=latest
 TWSA Chair Report

H. General Business (for possible action/vote) Items for Discussion and Possible Action:

- a. Discussion on presentations
- b. AIS Update (TKPOA Project update, public scoping meeting dates, field trips, HAB training)
- c. Water Bottle Filling Station (WBFS) Grant Program
 1. Staff request \$5000 increase to 2019-20 budget to \$10,000 total in order to leverage 1:1 matching funds from Tahoe Fund. No change to overall budget.
 2. Board review of materials for WBFS grant program finalization.
- d. Discussion on possible correspondence to CAWRCB on packaged water mitigation.
- e. Review of annual TWSA Board Goals.

I. Purveyor Updates

J. Public Comment

K. **Adjournment**

IMPORTANT 2019 DATES:

TWSA Board Meetings – First Wednesdays, quarterly, held from 12 to 4 pm:

- September 4 (IVGID)
- December 4 (SLT - Edgewood)

TWSA Board of Directors

Suzi Gibbons (Chair), Will Stelter (alt.)

Andrew Hickman

Richard Robillard; Phil Ritger (alt.)

Patrick McKay; Mike McKee (alt.)

Cameron McKay

Joseph Pomroy; Bob Lochridge (alt.)

Cameron McKay; Brandon Garden (alt.)

Bob Loding

Kim Boyd; Tony Laliotis (alt.)

Shelly Thomsen, Vice Chair

North Tahoe Public Utility District

Round Hill General Improvement District

Douglas County Systems

Edgewood Water Company

Glenbrook Water Cooperative

Incline Village General Improvement District

Kingsbury General Improvement District

Lakeside Park Association

Tahoe City Public Utility District

South Tahoe Public Utility District

For more information, please contact: Madonna Dunbar, TWSA Executive Director

1220 Sweetwater Road, Incline Village, Nevada 89451

(775) 832-1212 office / (775) 354-5086 cell /email: mod@ivgid.org

Certification of posting of agenda

I hereby certify that on or before Fri. June 7, 2019 at 9:00 am, a copy of this agenda was delivered to the post office addressed to the people who have requested to receive copies of IVGID's agendas; copies were either faxed or e-mailed to those people who have requested; and a copy was posted at the following locations within Incline Village/Crystal Bay in accordance with NRS 241.020:

1. IVGID Anne Vorderbruggen Building (Administrative Offices)
2. Incline Village Post Office
3. Crystal Bay Post Office
4. Raley's Shopping Center
5. Incline Village Branch of Washoe County Library

By, Madonna Dunbar, Executive Director, TWSA, (775) 832-1212 office / email: mod@ivgid.org

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; moved to or from the Consent Calendar section; 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 832-1212 at least 24 hours prior to the meeting.

Copies of the packets containing background information on agenda items are available for public inspection at the Incline Village Library. TWSA agenda packets are available at the TWSA website www.TahoeH2O.org or the TWSA office at 1220 Sweetwater Road, Incline Village, Nevada 89451.



MINUTES

The regular meeting of the Tahoe Water Suppliers Association (TWSA)

Wednesday, March 6, 2019, 12 noon to 4 pm, IVGID Public Works, 1220 Sweetwater, Incline Village, NV.

- A. Presentations** – Joe Hill, IVGID Public Works Sustainability Programs 2017 Annual Report
- B. Roll Call**- Members in Attendance: Suzi Gibbons (NTPUD), Tim DeTurk (Douglas County, IVGID), Rick Robillard (Douglas County), Shelly Thomsen (STPUD), Cameron McKay (Glenbrook/ KGID), Andrew Hickman (RHGID), Gerry DeYoung (Edgewood), Reggie Lang (NDP)
TWSA Staff in attendance: Madonna Dunbar and Sarah Vidra
- C. Public Comment** Conducted by Nevada Revised Statute Chapter 214.020 and limited to a maximum of 3 minutes in duration.
No public comment given.
- D. Introduction of Guests**
None.
- E. Approval of Agenda**
Motion to approve agenda as submitted made by Cam McKay, second by Tim DeTurk all in favor; motion carried.
- F. Approval of Minutes** for the December 13 TWSA Board meeting.
Motion to approve the December 13, 2018, TWSA Board Meeting minutes as submitted, made by Andrew Hickman, second by Cameron McKay, all in favor; motion carried.
- G. Reports**
- a. Staff Reports
 - Staff highlighted several activities from the quarter; a full activity report is available in the board packet.
 - Reusable water bottles were given to Nevada Rural Water and Nevada Water Resource Association for their annual conferences to replace single-use plastic water bottles.
 - The Tap Network is being revitalized with the assistance of a Sierra Nevada College intern; the goal is to register 80 businesses that will provide free water bottle filling.
 - Staff is working with the League to Save Lake Tahoe on a lake-wide cigarette butt capture program. The goal of the project is to reduce cigarette butt pollution to protect source water and reduce overall pollution. The League to Save Lake Tahoe is the program administrator, and TWSA staff has procured the collection containers though Keep America Beautiful; there are 250 total units to be distributed.
 - Scholarship announcement has been sent to local high schools; the deadline for submittal is April 12, 2019.
 - Awards: Madonna was awarded the CWEA outreach person of the year award for 2018, and Joe Hill and Diamond Peak received a Golden Pine Cone for STOKe certification.
 - The 19th Annual Snapshot Day water quality monitoring event will take place on Saturday, May 18 (and Friday May 17 in Reno). The collaborative event with NDPEP, Truckee River Watershed Council, League to Save Lake Tahoe and the TWSA will host groups of citizen scientists to collect water samples and visual observations of tributaries creeks and streams throughout the Lake Tahoe Truckee River watershed.
 - b. Financial update – See Open Gov link for current budget and expenses:
 - \$75K left in FY 18-19 budget and the Reserve is \$125K.
 - c. TWSA Chair Report
 - Congratulations to staff on awards for 2018, CWEA Outreach Person of the Year for Madonna Dunbar and Golden Pinecone for Joe Hill and Diamond Peak.

- The Chair attended the TRPA Shoreline Planning Meeting. TRPA has clarified that the 600 ft. radius around water intakes for notification of water purveyor, it is the entire length of the intake from the shore to the end. They are looking into existing permitted buoys and requiring an annual buoy registration. In CA, Buoys need to get a lease from State Lands as well as the TRPA. The TRPA is looking for updated GIS information on the location of intakes, for TRPA use only; Madonna will provide the map to the group for correction, and update for the whole length of the intake. Members will have divers take GPS locations when annual cleanings take place.
- Sewer GIS information should be sent to TRPA as well, state highway lakeward. Suzi will work with the group on the sewer GIS project.
- US Forest Service is interested in pass-through funding for water infrastructure for fire suppression projects, the Fire Partnership will ask for a minimum of \$1M for 2020. Suzi will be attending the Tahoe Fires and Fuels Team meeting in April, the group that will be requesting the Lake Tahoe Restoration Act funding. The list of projects for funding is due March 15, with last year's projects on the list since the funding did not go through for 2019.

H. General Business (for possible action/vote)

Items for Discussion and Possible Action (one or more items may be considered):

a. Water fill station rebate/sponsor program

The program will be a Water Bottle Filling Station Grant Program, with up to \$500 for Business or public facility to install a refill station. The Tahoe Fund is willing to fund match this program with the TWSA, to provide additional incentives not to increase each incentive amount. Drink Tahoe Tap signs must be placed on refill stations. The TWSA will not be liable for water, installation or maintenance. The installation must be done within three months.

- The typical cost of a unit is \$1,400 with a water bottle fill and a drinking fountain.
- How will we know that they are being maintained properly, including cleaning and operation?
- Add a clause "must maintain for _____ years, or you must return incentive "
- NSF 61 Certified Products only
- What is the 'life' of the product, how do we make sure the image of the product is up to our standards, with the ability to remove our messaging if they do not meet the standard.
- We need to talk to the Tahoe Fund about what the standards for association with the product.
- Keep the program easy and streamlined to promote drinking tap water.

Motion to approve moving forward with the Water Bottle Filling Station Grant Program, with final Board Approval needed before program launch is made - by Shelly Thomsen, second Andrew Hickman, all in favor; motion carried.

b. 2019-2020 proposed budget

The scholarship program will not continue for FY 19-20 and is not on the provided budget. The Water Bottle Filling Station Grant Program is listed in the budget for \$5,000. Professional services as \$50K for WQTS consulting in a review of the TKPOA antidegradation and CEQA documentation, from our reserves. The FY 19-20 is only a few thousand dollars more than FY 18-19. Member dues are based on a three-year water production average. The reserve will be reduced by \$50K, leaving the TWSA with \$75K and there is \$15K in the budget to build the reserve with a total of \$80-90 by the end of FY 20.

Board discussion included:

- Why has the water bottles/pouches increased and do they have the impact they are designed to or are they contributing to a trash problem? The water pouches are not seen in the public. The water bottle budget has been increased to match actual spending. The cheaper water pouch was brought into the rotation of giveaways to provide an option for industry events and conferences.

- A higher value item is seen in the community more often than the water pouch. In the future, the TWSA should be the only organization to give away the item, and they shouldn't be provided as a conference give away.
- What is the audience for the giveaway, where a pouch is an appropriate swag at a ski event, vs. the Tahoe Summit where the glass bottle is preferred? What is the correct item for each event?
- Everyone loves the insulated coffee mugs.
- The \$1 bottle for the plastic bike bottle is great.

Motion to approve the budget as presented made Cameron McKay, second Tim DeTurk, all in favor, motion carried.

c. AIS update – UV Light Project Report

UV Light Project Report

The report on the TRCD UV-C light project has been published and released. The finding of the pilot project is that UV-C light should be used for AIS control in Lake Tahoe. A cost analysis is provided in the TRCD report, and with a correct sized array, UV-C light is cost-effective with other methods coming in at \$10K/acre. TWSA staff believes there will be a larger scale project in the Tahoe Keys with help from TRPA.

UV-C light is included with selective dredging in an updated lake-wide AIS treatment scoping notice from the TRPA. If included the permitting process for UV-C light will be similar to bottom barriers and diver assisted suction on a lake-wide level.

TWSA Staff will continue to work with the mediated workgroup, and believe that UV-C light will be a tool used moving forward with the TKPOA.

TKPOA Working Group

TWSA staff continue to attend the mediated stakeholder working group. During one on one meetings with the mediator, the topic of the removal of the inflatable bladder dam with no discussion on reasoning, was brought up as an issue the TWSA has with the current proposed TKPOA project plan. The TWSA is within reason to request that the inflatable bladder dam be put back into the project plan as ultimate insurance on any project. This dialogue would not have happened without the mediator understanding our concerns to protect drinking water. There is no concrete reason to TWSA staff knowledge on why the bladder dam has been removed, hearsay reasons have been proposed including fish migration.

Non-chemical methods are being proposed as treatment options in the Tahoe Keys lagoons again, the only option not included in discussion with the mediator is dredging because of the alum issue that cannot be mitigated.

The TKPOA is concerned about algae blooms, and control projects are being proposed. TWSA staff believes that TKPOA may get chemical use, but it will be a short term, case by case basis, not a 12-year treatment plan. The antidegradation analysis may further back up the requirement for a full vetting of non-chemical methods before any short-term use of herbicides is permissible.

TWSA staff will be diligent with the working group in conveying that the TWSA Board supports the use of UV-C light with less mitigation due to a comfort level with the technology.

Other AIS Topics

The TWSA is collaborating with Lahontan to create and implement a training session for a citizen science algae monitoring program. The program will include training 15-20 people on the identification of algae species for preliminary surveys before reporting of blooms to Lahontan for further testing. The group will be responding to blooms and doing the preliminary identification before samples are sent for laboratory testing to

reduce project cost and increase the number of Harmful Algae Blooms analyzed within the Lake Tahoe Basin.

The new TRPA Shoreline Plan requires all marinas to have an AIS management plan, or they cannot do any projects, all marinas will need to have an AIS management plan within three years, or they are out of compliance. Additional requirements for buoy permits will include all upland BMPs before buoy permit renewal by 2020.

Board discussion highlights on AIS Update:

- Staff to send UV-C light Report to WQTS.
- Staff should send a letter in support of UV-C light in the scoping notice.
- UV-C light had a hard start with the Lake Tahoe/Scientific community and members admire John Paoluccio's work and determination.
- The results of the UV project validate TWSA stance against chemicals being the only option. Additionally, the results give the TWSA creditability and take it away from the TKPOA.

d. Discuss possible reschedule of June 5 meeting to June 12.

The Executive Director has requested that the June 5, 2019, TWSA Board Meeting be moved to June 12, 2019, to accommodate a family vacation. It should be noted that the Executive Director has not missed a board meeting in 12 years, and this is her first request for a date change.

Please send proxy votes to Madonna and Suzi.

Motion to move the June meeting date from 6/5/2019 to 6/12/2019 made by Cameron McKay, second by Tim DeTurk, all in favor, motion carried.

I. Purveyor Updates

NTPUD – the District will wrap up waterline project in the spring, with Rapid Construction, including additional services, asphalt sealing, and reworking services due to depth issues. The proposed water main project with SouthWest Gas will not be happening in 2019 due to issues with Caltrans encroachment permits. The National Avenue pump station generator will be upgraded to run both sewer and water pumps simultaneously, as part of the National Avenue Sewer Pump Station Rehabilitation Project. Phase III of the Water Treatment Plant telemetry upgrades will take place in summer 2019. The District will be conducting a Prop-218 rate study for both water and sewer increases.

Douglas County – Rick Robillard is the new Senior Engineer with Douglas County. The UVT at ZWOOD has a new backup system. Cave Rock has a new booster and pump. Winter system maintenance continues. Staff will be meeting with the Lake Ridge HOA to discuss the expanded buoy field over the Douglas County intake. Tim DeTurk is leaving Douglas County and recommends Rick as a replacement on the AIS subcommittee.

STPUD – the District continues to focus on the PCE groundwater contamination, there is a public meeting tonight. Lukins, Tahoe Keys, and STPUD are providing updates with the majority of the presentation on alternatives for cleaning up the contamination. There will be information provided on the DRI modeling project as well. Lahontan received SB445 funding and will be moving forward with STPUD action request including the installation of a sentinel monitoring well between the PCE plume and the STPUD drinking water well. Prop 218 rate increase process continues, with the board possibly approving a 5% increase for both water and sewer. STPUD will be participating in the development of outdoor water use criteria and will be participating in a state pilot site.

Glenbrook – finished design on the waterline replacement, with construction in 2019.

7 KGID – Starting waterline replacement designs in 2019 with construction in 2020. Staff is monitoring the EPAs movement on creating a Perfluorooctanesulfonic Acid (PFOS) MCL and associated requirements for water system removal.

RHGID – Staff turnover at the district, with lots of training. Round Hill is working on upgrading of components and maintenance at the treatment plant when there is a break in the snow.

Edgewood – No new projects or issues with the Edgewood Water Company.

IVGID - Not present, no update was given.

TCPUD - Not present, no update was given.

NDEP - No update provided.

J. Public Comment

Conducted in accordance with Nevada Revised Statute Chapter 214.020 and limited to a maximum of 3 minutes in duration. No public comment given.

K. Adjournment

Motion to adjourn made by Cameron McKay, second Andrew Hickman, motion passes unanimously. The meeting adjourned at 3:17 pm.



**Tahoe Water
Suppliers
Association**
Protect the Source

1220 Sweetwater Road
Incline Village, Nevada, 89451
775-832-1212
www.TahoeH2O.org

TWSA Members:
Cave Rock Water System
Edgewood Water Company
Glenbrook Water Cooperative
Incline Village GID
Kingsbury GID
Lakeside Park Association
North Tahoe PUD
Round Hill GID
Skyland Water Company
South Tahoe PUD
Tahoe City PUD
Zephyr Water Utility

Informational item only

A Tahoe Water Suppliers Association (TWSA) Aquatic Invasive Species (AIS) subcommittee meeting is scheduled for Thurs. April 25, 2019 from 1 pm am to 3 pm.

Location: Incline Village GID Public Works, 1220 Sweetwater Road, Incline Village, Nevada 89451

Conference Call: 1-877-594-8353 / when prompted, Enter Conference Dial-in 17757186

Agenda:

- A. Presentations - none scheduled
- B. Roll Call
- C. Agenda modifications
- D. General Business:
 - 1. Review of AIS Programs presentation to TRPA Governing Board on 4/24/19
 - 2. Status of TKPOA Aquatic Pesticide Application Plan (APAP) / status of CEQA process
 - 3. TKPOA Upcoming field Season 2019
 - 4. Hazardous Algae Bloom training on May 29
- E. Discussion on other potential actions
- F. Adjournment

MEMORANDUM

TO: TWSA Board
FROM: Madonna Dunbar, IVGID Resource Conservationist
SUBJECT: TWSA Program Highlights – Q2 2018
DATE: May 28, 2019

March 2019

Staff provided multi-day support for the SnowFest event of the 'Tahoe Science Expo' held in Incline Village at the Tahoe Center for Environment Sciences (TERC) during the week of March 18-22. More than 800 students participated in hands-on activities at a variety of science experiment stations.

Staff participated in the annual Incline Middle School Career Day (March 26, 2019) in the Public Works section of the program. Students learned about water utility careers.

Staff facilitated the quarterly TWSA Board meeting held on March 6, 2019.

TWSA provided in-kind water sponsor support for the Nevada Rural Water Conference set for March 12-14, 2019. Refillable bike bottles and Drink Tahoe Tap collateral were provided. Staff attended the breakfast and evening events, it was a good opportunity for networking with NvRWA staff.

TWSA print ads are running in the Mountain News's 2019 Tahoe Visitor Guide (South Shore guide) and Tahoe.com's 2019 Winter Guide and Summer Guide (lake-wide). Distribution is 100,000+ for these guides.

DRINK TAHOE TAP banner ads are running each month in 2019 at www.Tahoe.com.

Staff completed production of the 2018 Snapshot Day Report. Staff has initiated the collaborative workgroup for planning for the 2019 Snapshot Day event, scheduled for May 18, 2019. Materials are posted at <http://tahoetruckeesnapshotday.org>

The Tahoe Keys Integrated Weeds Stakeholder Management Plan (mediated) Workgroup met on 3/12/19. The Charter and Agreement were revised and vetted.

Staff monitored the monthly TRPA Shorezone Project Review Committee Project Application Meeting.

Staff has been working on a revised water conservation program for IVGID to launch July 1, 2019. Program components for the USEPA Water Sense appliance rebate program have been developed, with initial program announcement scheduled to start in May 2019.

Staff attended the Nearshore Aquatic Weed Working Group (NAAWG) meeting on 3/13/18. The working group focused on the TRCD's UV-C Light Plant Control Pilot Project. The project pilot has proven that UV-C Light is an effective method of treating AIS in Lake Tahoe with decreased plant density 7-10 days post treatment in both closed and open water environments.

April 2019

Staff attended the regional Earth Day Festivals which took place on April 20st (Village at Squaw Valley) and April 27th (Bijou Park/South Lake Tahoe). Staff represented the Tahoe Water Suppliers Association, as well as IVGID, while conducting outreach, promoting Tahoe Tap ®, and providing the Drinking Water Taste Test to attendees.

446 taste tests took place, illustrating once again, that Tahoe Tap remains the participant favorites. A significant number of attendees who did not take the taste test, also stopped by our booth as well.

Results as follows:

	NTPUD – 111	RHGID – 77	
	TCPUD – 118	KGID – 63	
	<u>Bottled – 36</u>	<u>Bottled – 41</u>	
Totals:	Squaw – 265	SLT – 181	Both: 446 Taste Tests

Events Water Station Use:

Tahoe Truckee Earth Day 2019	Olympic Valley	4/20/19	5,000 attendees 500 water pouches
South Tahoe Earth Day 2019	Bijou Park	4/27/19	600 attendees 250 water pouches

Staff is developing the program guidelines and forms for TWSA Board review for the TWSA/Tahoe Fund Water Filling Station Grant Program for 2019-20. Tahoe Fund has committed a \$10K match for the project.

Staff is working with Lahontan Water Board Staff on hosting a ½ day training scheduled for May 29, 2019. The training will include field and lab identification protocols on identification of Hazardous Algae Blooms (HABs). The training is open to Tahoe area staff, and 20 attendees are signed up.

TWSA print ads are running in the Mountain News's 2019 Tahoe Visitor Guide (South Shore guide) and Tahoe.com's 2019 Winter Guide (lake-wide). Distribution is 90,000 for both guides.

Staff completed production of the 2018 Snapshot Day Report. Staff has been steadily engaged in the collaborative workgroup for planning for the 2019 Snapshot Day event. The event is happening May 17-18, 2019. Materials are posted at <http://tahoetruckeesnapshotday.org>

The Tahoe Keys Integrated Weeds Stakeholder Management Plan (mediated) Workgroup met on 4/2 and 4/30/19. The project applicant is significantly rewriting portions of the application at this time. CEQA document preparation is underway.

The TWSA AIS Subcommittee met on 4/25/19 to discuss status of projects.

May 2019

Staff coordinated the 2019 TWSA Scholarship Program. A total of 4 scholarships are awarded to area high school seniors.

Staff prepared the 2019 IVGID Consumer Confidence Report (CCR).

Staff is developing the program guidelines and forms for TWSA Board review for the TWSA/Tahoe Fund Water Bottle Filling Station Grant Program for 2019-20. Tahoe Fund has committed a \$10K match for the project.

Staff worked with Lahontan Water Board Staff on hosting a ½ day training scheduled for May 29, 2019. 20 attendees from various agencies were trained (field and lab protocols) on identification of Hazardous Algae Blooms (HABs).

Staff hosted the North Shore component of the 2019 Snapshot Day event on May 18, 2019 at Watermans' Landing in Carnelian Bay. 21 volunteers sampled 14 locations. This event is one of the longest running volunteer water quality sampling events on the US West Coast. Annually, more than 300 volunteers participate throughout the entire Tahoe Basin and Truckee River Watersheds. Staff prepared for the event conducting: advertising, volunteer coordination, volunteer training, equipment calibration and serving as the lead organizing agency (for event planning) for the multiple partners. Reports and project materials are posted at: <http://tahoetruckeesnapshotday.org>

The Tahoe Keys Integrated Weeds Stakeholder Management Plan (mediated) Workgroup did not meet in May. The project applicant is significantly rewriting portions of the application at this time. CEQA document preparation is underway.

The monthly TRPA Shorezone Project Review Committee Project Application Meeting was not held in May 2019.

The 'Cigarette Bin Collection Project' initiated between TWSA, League to Save Lake Tahoe and Keep America Beautiful (KAB) will begin region-wide bin installation in June 2019. Artwork was finalized, program agreement finalized, legal review of project completed. Implementation is scheduled for June to Oct. 2019. KAB has provided 250 metal cigarette filter collection bins to IVGID Waste Not (for TWSA) for distribution and use within the Tahoe Basin. This is an in-kind donation valued at \$20,000 (250 @\$80 per unit). Program partners developed a custom Take Care sticker for the Tahoe installed bins. TWSA/Waste Not has agreed to track the installation locations of all units. The League will manage a small team of volunteers for maintenance of units and other data collection.

Frankie Sanchez, from Sierra Nevada College, conducted his service learning internship by re-establishing the 'Drink Tahoe Tap Water Refill Network' during spring semester 2019. There are now Tahoe area businesses that offer free refill options live on the TAP App.

<https://findtap.com/>

Events Water Station Use:

Strawberry Music Festival	2019	5/22-29, 2019	25,000 attendees
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April 17, 2019

This document serves as a non-binding letter of intent between the League to Save Lake Tahoe and the Tahoe Water Suppliers Association to identify roles and responsibilities in the Tahoe Cigarette Disposal program.

Goals:

1. To significantly reduce the number of cigarette butts found discarded in Tahoe’s environment.
2. To educate people about the impacts of cigarette butts on Lake Tahoe's water quality and wildlife.
3. To provide convenient disposal options for cigarette butts in areas of need around the Tahoe Basin.
4. To measure effectiveness of the program through data collection and analysis.

Brief timeline:

- Showcase canisters at the SLT Earth Day on April 27.
- Start installing in other hot spots beginning in June and throughout 2019.

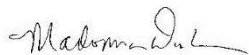
Roles and Responsibilities:

League to Save Lake Tahoe	Tahoe Water Suppliers Association
<ul style="list-style-type: none"> • Finalize a program name and slogan for the launch - Tahoe Cigarette Disposal Program. • Design print ready artwork for labels and metals signs <ul style="list-style-type: none"> ○ Artwork will contain Take Care artwork, League logo and TWSA logo • Provide artwork for metal signs as needed • Promote program and partnership between TWSA and League in PR and communications • Create a URL and landing page on the keptahoeblue.org website <ul style="list-style-type: none"> ○ keptahoeblue.org/cigdisposal • Administer the program; <ul style="list-style-type: none"> ○ Data management <ul style="list-style-type: none"> ▪ Determine number of cigarette butts that fill the canisters ▪ Draft procedure on how adopters should collect and report data ▪ Create Google folder and share with TWSA ▪ Set up Google form and fillable PDF to collect data 	<ul style="list-style-type: none"> • Provide and share ideas and feedback on about a program name and slogan for the launch • Secure 250 canisters for the program from Keep America Beautiful <ul style="list-style-type: none"> ○ Promised prior to Jan. 2019 <ul style="list-style-type: none"> ▪ NV State Parks - 25 ▪ TWSA members - 50 (IVGID, NTPUD, TCPUD, Truckee) • Serve as the primary contact with Keep America Beautiful • Provide bin replacements if damaged <ul style="list-style-type: none"> ○ Will keep 20 in reserve for loss/damage. Once these are gone, will request more inventory from KAB. • Provide 250 weatherproof labels for three sides of each bin

<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ Educate partners on how to collect and enter data ▪ Set up Terracycle recycling ○ Identify Hot Spots in the Lake Tahoe Basin <ul style="list-style-type: none"> ▪ Determine areas in need from land managers, volunteers and businesses and share with TWSA ▪ Recruit land managers and businesses to maintain and empty bins ○ Installation at locations outside TWSA's members <ul style="list-style-type: none"> ▪ Coordinate with land managers, businesses and jurisdictions for installation of canisters ▪ Record GPS coordinates and report to TWSA ▪ Serve as point of contact for partners in contact with 	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Provide 50 - 100 metal signs where needed • Provide label and sign replacements if damaged • Promote program and partnership collaboration between TWSA and League in PR and communications • Identify Hot Spots with TWSA member locations <ul style="list-style-type: none"> ○ Determine areas in need from TWSA members and word of mouth and share with the League ○ Recruit land managers, agencies and businesses to maintain and empty bins ○ Educate partners on how to collect and enter data • Installation with TWSA members and confirmation of exact locations <ul style="list-style-type: none"> ○ Record GPS coordinates and report to KAB for canisters installed all around the Lake Tahoe Basin ○ TWSA will create a spreadsheet in the shared Google folder ○ Serve as point of contact for TWSA members
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I agree to the above and will commit to ensuring that the program is successfully executed. **This letter can be updated at anytime with agreement by both parties.*

 Marilee Movius - Community Engagement Manager
 League to Save Lake Tahoe



 Madonna Dunbar - Executive Director
 Tahoe Water Suppliers Association

 Date

4-23-19
 Date

Tahoe Cigarette Disposal Program – Final artwork for bins. May 20, 2019



From: Jesse Patterson [<mailto:Jesse@keptahoeblue.org>]
Sent: Tuesday, April 9, 2019 11:08 AM
To: Suzi Gibbons <SGibbons@ntpud.org>
Subject: RE: TWSA Presentation

Hi Suzi,

Here are some quick notes on 2019 projects with the TKPOA that the League has contributed funds and technical resources.

- **Laminar Flow Aeration** – injects oxygen into the sediments of the Keys to reduce organic matter/nutrients available for the aquatic plants to grow and helps with algae control (HABs like cyanobacteria)
 - o Installed as soon as surface ice on the lagoons melts – expected late April or early May
 - o Operational no later than Memorial Day
- **Bubble curtain 2.0** – designed by League staff, TKPOA staff and CanadianPond out of Quebec to prevent plant fragments from leaving the Tahoe Keys and entering the Lake. Also dislodges fragments from boats passing through.
 - o First version installed in May 2018 and technical issues addressed throughout the summer. Fully operational in October 2018.
 - o Will add two passive skimmers (SeaBins) in May 2019 that are solar powered and filter out the plant fragments trapped by the bubble curtain and corralled to the bulkheads
 - o Will monitor the amount of fragments trapped and removed every day throughout the summer.
 - o This technology will likely be transferred to other marinas around the Lake starting in 2019.
- **Keys “containment” project** – most funding with LTRA money and install this May/June.
 - o Bottom barriers will be placed under the bubble curtain tubing to prevent plant growth and interference with the bubble wall and will extend lakeward of the bubble curtain all the way past the bulkheads (entrance to the Keys).
 - o This will stamp out all of the invasive infestation lakeward of the bubble curtain effectively creating a buffer between the Tahoe Keys and the Lake buying us all time while we figure out the long-term solution for inside the Keys.
 - o This protects Lake Tahoe and can serve as an example project (in conjunction with bubble curtains) to be installed at the East Channel (marina side) of the Keys...hopefully.
 - o The League is going to pitch in 10% of the cost up to \$5,000.

The League is also working with several other marinas and HOAs around the Lake on projects to help prevent spread and/or infestation of aquatic invasive plants. I would be happy to give your Board a presentation anytime that it works for you.

Best,

Jesse

Jesse Patterson

Chief Strategy Officer, League to Save Lake Tahoe
2608 Lake Tahoe Boulevard, South Lake Tahoe, CA 96150 | 530.541.5388 | keptahoeblue.org



May 29, 2019
Tahoe Center for Environmental Sciences (TCES)
1 - 5 pm

291 Country Club Drive
 TCES Room 204, 2nd Floor
 Incline Village, NV 89451
 (ample, free parking provided on-site)

Facility provided courtesy of University of Davis, Tahoe Environmental Research Center
 Hospitality provided courtesy of Tahoe Water Suppliers Association

Agenda

Agenda Topic	Time	Presenter(s)
1. Welcome, Agenda Review, Facility Logistics	5 min	Mary Fiore-Wagner (Lahontan Water Board)
2. Snapshot of HABs in the Lahontan Region	10 min	Mary Fiore-Wagner (Lahontan Water Board)
3. Overview of Freshwater CyanoHABs	15 min	Keith Bouma-Gregson (State Water Board - Office of Information Management and Analysis [OIMA])
4. Citizen Monitoring – Bloom Watch Ap, Cyanoscope , and Citizen Science Tahoe Ap (Citizen Science Tahoe” app (www.CitizenScienceTahoe.org))	40 min	Erick Burres (State Water Board – Clean Water Team) Heather Segale (UC-Davis, Tahoe Environmental Research Center)
BREAK 10 minutes		
5. Snapshot of a HAB Monitoring Program	10 min	Greg Hoover (Tahoe Keys Property Owners Association)

Agenda Topic	Time	Presenter(s)
5. Sampling and Data Collection Methods <ul style="list-style-type: none"> ● Site Recon Standard Operating Procedures <ul style="list-style-type: none"> ○ Field Sheet ● Stick Test ● Jar Test ● Standard Operating Procedures for Water Sample Collection 	30 min	Marisa Van Dyke (State Board – OIMA) Mary Fiore-Wagner (Lahontan Water Board)
BREAK – 10 Minutes		
6. Basic Microscopy Techniques	10 min	Keith Bouma-Gregson (State Water Board – OIMA)
7. Algae & Cyanobacteria Taxonomy 101	30 min	Keith Bouma-Gregson (State Water Board – OIMA)
8. Microscopy Identification (Participants will receive hands-on training and view prepared slides, for purposes of distinguishing between potentially toxic cyanobacteria documented within the Lahontan Region and common non-toxic organisms including green algae and diatoms). *A limited amount of microscopes will be available at the facility. To increase the effectiveness of the hands-on training session, participants are asked to bring their own compound microscope.)	65 min	Keith Bouma-Gregson (State Water Board – OIMA) <u>Lab assistants</u> Marisa Van Dyke (State Board – OIMA) Mary Fiore-Wagner (Lahontan Water Board) Erick Burre (State Water Board – Clean Water Team)
9. Concluding Remarks & Comments	5 min	All

Dear Tahoe Area Business Owner,

Are you interested in free advertisement?

The Tahoe Water Suppliers Association's Drink Tahoe Tap® campaign has been inspiring locals and visitors to enjoy Lake Tahoe sourced tap water, since 2007.

We are now organizing the **Drink Tahoe Tap® water refill network** as a regional water refilling service for locals and visitors.

Using the power of the national resource, TAP APP, this network will provide an opportunity to promote your business by offering to make tap water available to people who carry a reusable bottle.



This idea has been successful with cafes, restaurants and other businesses in many major U.S. cities including San Francisco, New York City, Boston, Portland and other locations.

By joining the “Drink Tahoe Tap®” water refill network - your business will be able to draw in potential customers simply by offering a free water fill-up. All you need is a faucet or a soda machine that dispenses water. There is no cost for participation.

Here's how to register:

Fill out the quick registration form on the other side of this letter and return the completed form.

We will register your site, for free, on the TAP APP site at <https://findtap.com>.

You will receive a window sticker (illustrated above) to identify your location as a partner in the network. You also get access to free Drink Tahoe Tap® stickers upon request.

Thank you, in advance, for supporting the Drink Tahoe Tap® water refill network.

The DRINK TAHOE TAP® TEAM:

Drink Tahoe Tap® Program email: Drinktahoetap@ivgid.org

Frankie Sanchez, IVGID Intern, Refill Program Coordinator f.sanchez9628@yahoo.com

Madonna Dunbar, IVGID Resource Conservationist and TWSA Exec. Director, mod@ivgid.org

Joseph Hill, IVGID Sustainability Technician, jah@ivgid.org

Sarah Vidra, Public Works Program Manager, sgv@ivgid.org

Business Registration for DRINK TAHOE TAP® Network

Date _____

Location Name _____

Primary Contact _____

Contact Email _____

Business Phone _____

Street Address _____

Mailing Address _____

City/State/Zip Code _____

Type of Establishment: Café/Restaurant____ Convenience Store/ Grocery____ Other____

Number of window stickers requested:_____

Would you like a free supply of DRINK TAHOE TAP stickers? How many? _____

Notes: _____

Return this form by email:
drinktahoetap@ivgid.org

Return this form by US Mail:
DRINK TAHOE TAP
Incline Village GID
1220 Sweetwater Road
Incline Village, Nevada 89451



From: Amy Berry <aberry@tahoefund.org>
Sent: Tuesday, April 16, 2019 1:36 PM
To: Dunbar, Madonna
Cc: Karolina Hedman; Jessica VanPernis Weaver
Subject: Water Refill Stations

Hi Madonna,

It is my pleasure to inform you that the Tahoe Fund Board of Directors has approved a grant in the amount of \$10,000 for water stations around Tahoe!

There was a desire by the Board to remove the word "rebate" when marketing the program. We will probably refer to it as Tahoe Tap Water Refill Stations. Can we call them "grants" when reaching out to businesses as in "Through grants from the Tahoe Fund and TWSA, you can now purchase a Drink Tahoe Tap water station for \$XX"??

Can you confirm how many stations will be purchased with our combined funds, and where they will be? Would be great to have a map if possible. Also, can you confirm the outreach plan? Jess Weaver, copied here, will be drafting our website content and future PR efforts for the program. She will be reaching out to discuss the project in more detail with you.

Thanks!

Amy

AMY R BERRY

CEO

www.TahoeFund.org

Mobile: 775.338.1668

PO Box 7124

Tahoe City, CA 96145

2019-20 TWSA BUDGET WORKSHEET (200.28.99)

		Proposed 2019-20	Approved 2018-19
Paid Advertising			
ADS: TV/Radio/Print		\$ 6,000	\$ 6,000
Tahoe In Depth Sponsorship (\$500 x 3)		\$ 1,500	\$ 1,000
Earth Day events (North and South Shore) sponsorships (\$500 each)		\$ 1,000	\$ 1,000
Regional conference sponsorships		\$ 1,500	\$ 1,500
State of the Lake Report sponsorship		\$ 2,500	\$ 2,500
Total:		\$ 12,500	\$ 12,000
Office Supplies			
Monthly Xerox machine costs, Board materials, brochures, in-house printing		\$ 1,400	\$ 1,400
Total:		\$ 1,400	\$ 1,400
Operating General			
TWSA staff uniforms / member logo trademarked clothing		\$ 1,000	\$ 1,000
Water Bottles / Water pouches		\$ 16,000	\$ 10,000
Board meeting hospitality (lunches)		\$ 1,600	\$ 900
Monitoring Supplies		\$ 600	\$ 600
Snapshot Day	ACTION REQUESTED 6/12/19:	\$ 600	\$ 800
Scholarship Fund (4 x \$500)		\$ -	\$ 2,000
NEW Water Fill Station Rebate Program	CHANGE TO \$10,000 >	\$ 5,000	\$ -
Dog Waste Campaign (bags, small dispensers)		\$ 2,500	\$ 2,500
Booth fees and event supplies		\$ 1,000	\$ 1,000
Total:		\$ 28,300	\$ 18,800
Postage			
Annual Report and general correspondence			
Total:		\$ 200	\$ 200
Printing / Publishing			
'Drink Tahoe Tap' stickers		\$ 6,000	\$ 6,000
Annual Report Printing (outsourced)		\$ 2,500	\$ 2,500
Watershed Protection signs		\$ 1,000	\$ 1,000
Total:		\$ 9,500	\$ 9,500
Professional Services			
NEW Professional Services (WQTS estimate for 2 technical reviews) ^		\$ 50,000	\$ -
Reserve fund	LOWER TO \$10,000 >	\$ 15,000	\$ 15,000
Total:		\$ 65,000	\$ 15,000
Travel / Conferences			
Annual Mileage - personal vehicles		\$ 1,000	\$ 1,000
Phone		\$ 200	\$ -
Regional Conference		\$ 800	\$ 1,000
Conference Call service for meetings		\$ 500	\$ 500
Total:		\$ 2,500	\$ 2,500
Grand Total Operating:		\$ 119,400	\$ 66,000
Total Budgeted Salary and Benefits (MOD & SGV)		\$ 79,800	\$ 79,778

1366 combined hours, annual (MOD&SGV)

\$44,323 base salaries x 1.8 benefits factor = \$79,781.40 ROUNDED TO \$79,800

Total Annual Budget (Operating & Salaries)	\$ 199,200	\$ 145,778
Revenue from reserves allocated to WQTS professional services^	\$ (50,000)	
Total Budget (2019-20 funding)	\$ 149,200	
STPUD Fee (10% of total budget not including WQTS paid from reserves)	\$ (14,920)	\$ (14,578)
Members Cost share TOTAL minus STPUD fee	\$ 134,280	\$ 131,200
IVGID Share	\$ (32,753)	\$ (31,854)
Total fees all other members	\$ 101,527	\$ 99,346

updated 1-11-19

		TOTAL TO
Shared	\$64,800	SHARE
Depend	\$69,480	\$134,280

2018-2019 TWSA Cost Share (PROPOSED) based on 3 year average / production daily

	Shared Costs	Dependent Costs	Avg Daily Flow gpd	Member cost share	% of Total	Shared Cost	Depend Cost	Flow Ratio	Previous Year Fees
Incline Village General Improvement District	9.10%	38.65%	2,795,883	\$ 32,753	24.39%	\$5,897	\$26,856	0.387	\$ 29,781
Kingsbury General Improvement District	9.09%	9.87%	713,777	\$ 12,746	9.49%	\$5,890	\$ 6,856	0.099	\$ 12,876
Round Hill General Improvement District	9.09%	2.48%	179,216	\$ 7,612	5.67%	\$5,890	\$ 1,721	0.025	\$ 7,619
Edgewood Water Company	9.09%	7.68%	555,424	\$ 11,225	8.36%	\$5,890	\$ 5,335	0.077	\$ 11,313
Zephyr Water Utility	9.09%	2.88%	208,192	\$ 7,890	5.88%	\$5,890	\$ 2,000	0.029	\$ 7,954
Glenbrook Water Company	9.09%	3.88%	280,647	\$ 8,586	6.39%	\$5,890	\$ 2,696	0.039	\$ 8,128
Tahoe City Public Utility District	9.09%	14.12%	1,021,577	\$ 15,703	11.69%	\$5,890	\$ 9,813	0.141	\$ 15,083
Skyland	9.09%	2.50%	180,874	\$ 7,628	5.68%	\$5,890	\$ 1,737	0.025	\$ 7,664
Cave Rock	9.09%	2.50%	180,874	\$ 7,628	5.68%	\$5,890	\$ 1,737	0.025	\$ 7,664
Lakeside Park Association	9.09%	1.4%	100,333	\$ 6,854	5.10%	\$5,890	\$ 964	0.014	\$ 6,859
North Tahoe Public Utility District	9.09%	14.05%	1,016,598	\$ 15,655	11.66%	\$5,890	\$ 9,765	0.141	\$ 15,559
Total to split	100.00%	100.00%	7,233,395	\$ 134,280	100.00%	\$64,800	\$69,480	1	\$ 130,500
STPUD				\$14,920					\$ 14,938
Total Budget to split				\$ 134,280					
IVGID share				\$ 32,753					
Total other agencies shares (less IVGID/less STPUD)				\$ 101,527					
Total Budget all sources				\$149,200					



Water Bottle Filling Station GRANT PROGRAM



This establishment offers free water refills.

Drink Tahoe Tap®

Water Refill Network



Tahoe Water Suppliers Association (TWSA) and Tahoe Fund to Provide Grant Funding for Water Filling Stations.

Program Funding Available on a First-Come, First-Served Basis for Eligible Entities located within the Tahoe Basin.

Program specifics:

The **TWSA/Tahoe Fund Water Bottle Filling Station Grant Program** was created to provide the community with access to safe and reliable Tahoe TAP® water to refill personal, reusable water bottles.

TWSA will accept applications from eligible entities to receive a \$500 grant towards the purchase of an eco-friendly water bottle filling station. Applications will be accepted on a first come, first-served basis, starting August 1, 2019. This program will fund up to 40 stations in the Tahoe Basin in the 2019-20 fiscal year. Applicants limited to one grant awarded, per fiscal year.

To be eligible, applicants must:

- Be a public facility (city facility, school, community center, parks, recreation areas, etc.)
- Private facilities (businesses) are eligible if providing public access to fill station during standard business hours.
- Be located in the geographically defined Tahoe Basin.
- Meet all other specific criteria and fulfill all application requirements.
- Program materials and application are posted at: www.DRINKTAHOETAP.ORG
- For more information, contact TWSA via: drinktahoetap@ivgid.org (or) 775-832-1284.



Tahoe Tap® Water Bottle Filling Station Grant Program Guidelines

Fiscal year 2019-20



The **Tahoe Tap® Water Bottle Filling Station Grant Program** will award a limited number of grants (40) of \$500 each, towards the purchase of a water filling station.

Grants will be distributed on a first-come, first-served basis to eligible commercial water customers in the Tahoe Basin, beginning August 1, 2019 and ending June 30, 2020 or when funds are exhausted.

Businesses, non-profits, schools, and community properties are eligible to apply.

Applicants must successfully:

- submit a completed application (prior to purchase and installation),
- purchase and install the equipment,
- submit proof of installation and payment.

Program Goals:

- Increase access to TAHOE TAP® water to residents and visitors
- Promote TAHOE TAP® as a high-quality source of drinking water
- Increase awareness of local water suppliers
- Encourage stewardship/watershed protection in Tahoe through education
- Reduce plastic waste through the use of refillable bottles



Program Criteria:

- Proposed location may be private or public property, with public access in an area not restricted by a counter or interior door. Public access must be available during normal business hours.
- Model installed must be NSF 61 certified.
- Model must meet ADA compliance on drinking water fountain installation.
- Applicant agrees to pay in full the total project cost, with reimbursement up to \$500 issued after successful completion of application requirements.
- Applicant agrees to allow placement of DRINK TAHOE TAP ®/TAHOE FUND signage at the fill station for user education, and to allow photo opportunities of station.
- Applicant agrees to listing of location on the TAP app, as part of the Tahoe Refill Network.
- Applicant agrees to complete the installation of the station within 90 days from the application approval date.
- If unit installed has a 'bottles avoided counter', applicant agrees to provide count upon request.
- Limit one station rebate per entity, per year.
- Rebate applicants agree to assume responsibility for maintaining equipment post-installation, based on standard manufacturer recommendations.
- TWSA/Tahoe Fund reserve the right to request refund of rebate if station is not properly maintained for the first 3 years of installation.
- The applicant agrees that TWSA/Tahoe Fund is not responsible for any costs or issues associated with installation or station maintenance.

Application Requirements:

All application materials are available online at: www.DrinkTahoeTap.org

Submit the following documents for approval PRIOR to purchasing and installing the water filling station:

1. Completed Application Form
2. Entity's Federal W-9 Tax Form
3. Liability Waiver Agreement

Once you have received approval from TWSA, purchase and install the water filling station and then submit the following documents for reimbursement:

4. Copy of purchase receipt
5. If your purchase receipt does NOT have the filling station make and model on it, submit back-up information (ex. Copy of the front page of the information packet with make and model #)
6. Photo of installed unit (preferably with placement of DRINK TAHOE TAP/ TAHOE FUND signage).

Application Deadline:

Applications will be continuously accepted on a first-come first-served basis; starting August 1, 2019. Funding is limited to a total of 40 grants fiscal year 2019-20. Applications will be reviewed as submitted. Grants will be awarded until program funding is exhausted, or by June 30, 2020, whichever comes first.

Selection Process:

Applications will be reviewed thoroughly for compliance with the application requirements. Incomplete applications will be notified of missing submittal materials.

Other Requirements:

- TWSA will provide to the applicant signage for installation at the location of the station. The applicant must install the signage within 30 days of the delivery of the sign and prior to the scheduled station promotion opportunity; and
- TWSA requires a commitment to joint promotional opportunity, including, but not limited to, social media coverage, photography coverage, etc.

Other Restrictions:

A maximum of (1) grant award will be made to each entity per fiscal year. No more than one (1) filling station funded by this Program installed at the same site or facility. Payment will be made after submitting proof of successful installation. Awarded funds may ONLY be used towards a water filling station purchase. Project must not have started prior to application approval.

List of Vendors:

Below is a listing of some of the vendors that offer stations that are eligible through this program. This is by no means an exhaustive list:

- Elkay..... www.elkay.com
- Faucet Direct..... www.FaucetDirect.com
- Global Industries..... www.GlobalIndustrial.com
- Hydration by Haws..... www.hawsco.com
- Murdock Manufacturing..... www.murdockmfg.com/water-bottle-filling-station
- Plumbing Supply..... www.PlumbingSupply.com
- Restroom Direct..... www.RestroomDirect.com

Contact Information:

For questions or concerns about the program, please contact:

drinktahoetap@ivgid.org / 775-832-1284

Submit Application materials to:

Tahoe Tap® Water Bottle Filling Station Grant Program

Tahoe Water Suppliers Association / Incline Village GID
1220 Sweetwater Road, Incline Village, Nevada 89451

Email: drinktahoetap@ivgid.org

Disclaimer

TWSA/TAHOE FUND has the right to reject the proposed unit based on not meeting the required criteria. TWSA/Tahoe Fund is not liable for defects of installation or maintenance issues onsite.



Tahoe Water Suppliers Association
 Tahoe Fund
 Tahoe Tap® Water Bottle Filling Station Program
Grant Request Application



CONTACT INFORMATION

Point of Contact Name:

Identify the person who will be responsible for administering the funding agreement.

Title:

Phone Number:

Email Address:

Applicant's Legal Entity Name (check payable to):

Mailing Address:

City, State

Zip:

Federal Tax ID #

Installation Address:

Public Agency Private Business School Other: _____

PROJECT INFORMATION

1) Make/Model for Proposed Purchase/Installation

2) Proposed Installation Date

3) Proposed Installation Location (ex. indoor/outdoor, building type).

4) Describe the exposure and approximate number of people that pass through the proposed location.

5) Describe your need, reasoning and interest for a water bottle filling station.

6) Funding Amount Requested (\$500 maximum). Describe the estimated total cost (if known) for this project.

OTHER INFORMATION

--

APPLICATION CERTIFICATION

Does your agency agree to pay for the installation and maintenance costs associated with the unit?

Yes No

By signing below, I hereby certify that I am duly authorized by the applicant's governing body to apply for funding from Tahoe Water Suppliers Association / Tahoe Fund for the project described in this application. I further attest that the information provided in this application is accurate to the best of my knowledge.

Authorized Representative's Signature

Date

Authorized Representative's Name (print)

Title

Submit applications by mail or email to:

Tahoe Tap® Water Bottle Filling Station Grant Program
Tahoe Water Suppliers Association / Incline Village GID
1220 Sweetwater Road, Incline Village, Nevada 89451
Email: drinktahoetap@ivgid.org

➤ **Application acceptance opens August 1, 2019.**

TWSA Staff only:

Date Application Received: _____

by TWSA staff (initials) _____

- Application received
- Federal Tax ID W-9 received
- Liability waiver received
- Application complete and accepted
- Application missing materials: _____

Application active for 90 days (date) _____

Grant Processing:

- Documentation (proof of payment and photo of installation) received
- Check request submitted on (date) _____
- File closed



Tahoe Water Suppliers Association
Tahoe Fund
Tahoe Tap® Filling Station
Grant Program
LIABILITY WAIVER AGREEMENT



Tahoe Water Suppliers Association / Tahoe Fund (TWSA/Tahoe Fund) has developed a **Tahoe Tap® Water Bottle Filling Station Grant Program** (“Program”) to provide members of the community with access to safe and reliable tap water to refill personal, reusable bottles. Starting in fiscal year 2019, TWSA/Tahoe Fund will award grants – up to \$500 maximum per applicant – for the purchase of a water bottle filling station, to entities within the Tahoe Basin.

TWSA/Tahoe Fund agrees to provide a grant in the amount of up to \$500 to:

_____ (“Entity”).

The purpose of this grant is for Entity to purchase a water bottle filling station under the terms and conditions of the Program.

TWSA/Tahoe Fund's only involvement in Entity’s activities in connection with the Program is to provide grant funds. Subject to availability of funds, TWSA/Tahoe Fund's only obligation to any Entity participating in the Program is to provide the grant amount for the purpose stated. TWSA/Tahoe Fund is not responsible for any liability to any participants in the Program regardless of any liability incurred in connection with the Entity’s participation in the Program.

Entity assumes all risk of loss resulting from liability, damage, or injury to any property or person arising from the Program, including all risk of injury to its employees, agents, contractors, students, volunteers, and project participants.

Pursuant to this Waiver of Liability, Entity shall defend, indemnify, and hold harmless TWSA/Tahoe Fund, its Board of Directors, officers, employees, and agents from and against all claims, suits, or causes of action for injury to any person or damage to any property arising out of any intentional or negligent omissions arising out of Entity’s participation in the Program.

ACCEPTED: (Entity) _____

Signature: _____ Printed Name: _____

Date: _____ Federal ID No. _____

Dear Tahoe Area Business Owner,

The Tahoe Water Suppliers Association's Drink Tahoe Tap® campaign has been inspiring locals and visitors to enjoy Lake Tahoe sourced tap water, since 2007.

We are now organizing the **Drink Tahoe Tap® water refill network** as a regional water refilling service for locals and visitors.

Using the power of the international resource, TAP APP, this network will provide an opportunity to promote your business by offering to make tap water available to people who carry a reusable bottle.

This idea has been successful with cafes, restaurants and other businesses in many major U.S. cities including San Francisco, New York City, Boston, Portland and other locations.

By joining the "Drink Tahoe Tap®" water refill network - your business will be able to draw in potential customers simply by offering a free water fill-up. All you need is a faucet or a soda machine that dispenses water. There is no cost for participation.

Here's how to register:

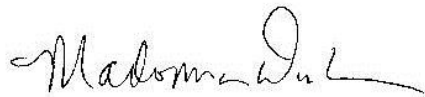
Fill out the quick registration form on the other side of this letter and return the completed form.

We will register your site on the TAP APP site at <https://findtap.com>. There is no cost to participate.

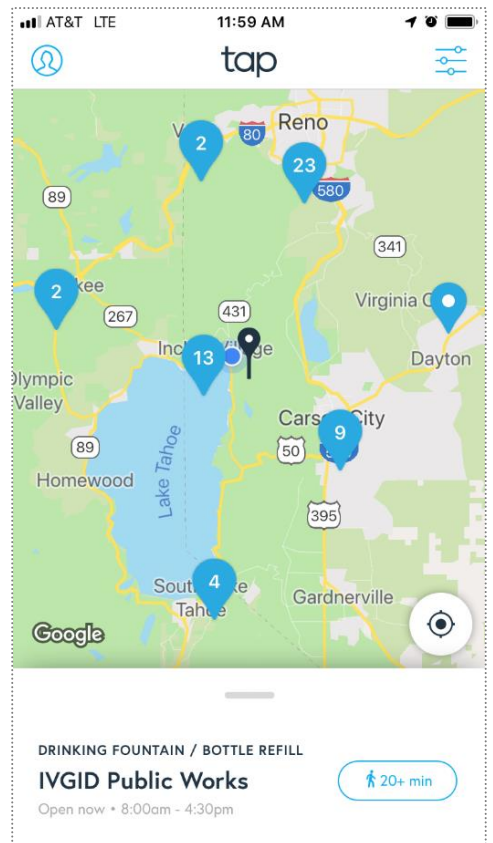
You will receive a window sticker (illustrated above) to identify your location as a partner in the network. You may also request free Drink Tahoe Tap® stickers.

Thank you, in advance, for supporting the Drink Tahoe Tap® water refill network.

Sincerely,



Madonna Dunbar
Resource Conservationist, WASTE NOT; Incline Village General Improvement District (IVGID)
Executive Director, Tahoe Water Suppliers Association (TWSA)
775 -832-1212 / drinktahoetap@ivgid.org



Business Registration for DRINK TAHOE TAP ® Network

Date _____

Location Name _____

Primary Contact _____

Contact Email _____

Business Phone _____

Street Address _____

Mailing Address _____

City/State/Zip Code _____

Type of Establishment: Café/Restaurant____ Convenience Store/ Grocery ____ Other ____

Number of window stickers requested: _____

Would you like a free supply of DRINK TAHOE TAP stickers? How many? _____

Notes: _____

Return this form by email:
drinktahoetap@ivgid.org

Return this form by US Mail:
DRINK TAHOE TAP
Incline Village GID
1220 Sweetwater Road
Incline Village, Nevada 89451





**Tahoe Water
Suppliers
Association**
Protect the Source

1220 Sweetwater Road
Incline Village, Nevada 89451
775-832-1212

TWSA Members:
Cave Rock Water System
Edgewood Water Company
Glenbrook Water Cooperative
Incline Village GID
Kingsbury GID
Lakeside Park Association
North Tahoe PUD
Round Hill GID
Skyland Water Company
South Tahoe PUD
Tahoe City PUD
Zephyr Water Utility

**DRAFT - NO ACTION TAKEN -
DISCUSSION ITEM**

May 20, 2019

To: California State Water Resources Control Board:

RE: Stanislaus County request to consider use of bottled water as a permanent alternative for small public water systems that are in violation of safe drinking water standards.

Dear Board Members and Staff;

We are writing regarding information printed in the recent Modesto Bee article on Stanislaus County's proposed request to consider use of bottled water as a permanent alternative for small public water systems that are in violation of safe drinking water standards.

<https://www.modbee.com/news/local/article230394039.html>

We support the current regulatory status that bottled water is not considered a permanent mitigation and urge the State Water Board to maintain that interpretation. We urge the Water Board to continue to find ways to bring smaller, compromised systems into compliance through funded community treatment facilities, consolidation into larger compliant systems, or improved water sources.

The reasoning behind our comments is laid out in Water Board Policy (https://www.waterboards.ca.gov/water_issues/programs/hr2w/):

- 1) Water Code Section 106.3, the state statutorily recognizes that "every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes." The human right to water extends to all Californians, including disadvantaged individuals and groups and communities in rural and urban areas.
- 2) On February 16, 2016, the State Water Resources Control Board (State Water Board) adopted a resolution identifying the human right to water as a top priority and core value of the State Water Board and Regional Water Quality Control Boards (collectively the Water Boards). The resolution stated the Water Boards will work "to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations."

The resolution cements the Water Boards' commitment to considering how its activities impact

and advance the human right to safe, clean, affordable, and accessible water to support basic human needs. The human right to water will be considered in actions taken by the Water Boards that pertain to sources of drinking water. These actions may include: revising or establishing water quality control plans, policies, and grant criteria; permitting; site remediation and monitoring; and water right administration.

- 3) Bottled water is not directly regulated under the State Water Board. Its quality is not controlled by the state drinking water requirements for tap water; rather they must meet the requirements of the California Department of Public Health - Food and Drug Branch. If the Water Board wishes to grant this exemption, then the Water Board should also take over the regulation and oversight of an approved bottled water company.

If you have questions, please contact us directly. Thank you for the opportunity to comment.

The image shows two handwritten signatures in blue ink. The signature on the left is 'Madonna Dunbar' and the signature on the right is 'Suzi Gibbons'. Both signatures are written in a cursive, flowing style.

Madonna Dunbar, TWSA Executive Director & Suzi Gibbons, TWSA Board Chairperson

TWSA Board and Organizational Goals:

The TWSA Board conducts annual goal setting and review.

Below are the 2018-19 Goals revised at the 6/7/18 TWSA Board meeting.

Goals:

1. **Continue and increase emphasis on extensive education and outreach on focus topics of source water protection and the value of municipal tap water.**
2. **Continue outreach and advocacy efforts for federal infrastructure funding, especially for fire flow capacity.**
3. **Continue a strong communication relationship with Tahoe Regional Planning Agency (TRPA), Nevada Department of Environmental Protection (NDEP), Lahontan Regional Water Quality Control Board (LRWQCB) and other regulatory agencies on source water protection.**
4. **Maintain and improve project review / involvement process with TRPA, NV State Lands, Lahontan Water Board and other planning/regulatory agencies.**
Current active projects include:
 - **Aquatic Invasive Species (AIS) Programs (threats/prevention programs, treatment methods, Integrated Weeds Management Plan)**
 - **Groundwater Contamination at the ‘Y’ / PCE Plume Project**
 - **Tahoe Regional Planning Agency Shoreline Plan and Project Reviews**
 - **Nevada State Lands notifications on occupancy of lake bottom**
 - **Truckee River Operating Agreement (TROA) Ongoing regulatory updates**
 - **Ongoing federal and state regulatory updates**
5. **Utilize regional studies/projects to determine how they affect source water quality. Continue to work with LTWIP as appropriate.**

Mission Statement

- **The TWSA mission statement was created and adopted in June 2008:**

“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.”



Media Release

Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Boulevard, South Lake Tahoe, California 96150
Phone (530) 542-5400 □ Fax (530) 544-2271
<http://www.waterboards.ca.gov/lahontan>

INFORMATIONAL ONLY

Lahontan Water Board Receives \$4.6 Million Grant to Investigate Perchloroethylene (PCE) Contamination in South Lake Tahoe's Groundwater

FOR IMMEDIATE RELEASE

Date: March 13, 2019

Contact: Doug Smith

Phone: (530) 542-5453

SOUTH LAKE TAHOE, Calif. – The Lahontan Regional Water Quality Control Board (Lahontan Water Board) announced today it has received a \$4.6 million grant to investigate regional perchloroethylene (PCE) groundwater contamination in South Lake Tahoe affecting drinking water wells.

Multiple drinking water supply wells, including those operated by three different water suppliers, have been affected or are threatened by the PCE contamination. In spite of these impacts, South Lake Tahoe water purveyors continue to provide a safe water supply for South Lake Tahoe residents, businesses, and visitors.

“While Lake Tahoe’s beauty and clarity remains a worldwide attraction, our drinking water supplies are at risk of further contamination unless prompt action is taken,” said Patty Kouyoumdjian, Executive Officer for the Lahontan Regional Water Board. “This grant gives us the critical funds to fully investigate the regional PCE groundwater contamination, track down all potential sources of pollution, expedite cleanup and protect our remaining drinking water sources.”

Funds from the grant award, issued by the State Water Resources Control Board’s [Site Cleanup Subaccount Program](#) (SCAP), will be used for investigating an area referred to as the “South Y area” of South Lake Tahoe in El Dorado County (generally surrounding the intersection of Highways 50 and 89 and extending north and northeasterly).

The project will investigate the horizontal and vertical extent of regional PCE groundwater contamination, including potential sources of the regional contamination. “Sentry” groundwater monitoring wells will also be installed to monitor groundwater near several water supply wells,

providing information water suppliers can use to better protect their water supply systems from the PCE contamination.

Several businesses in the South Y area are known or suspected to have used, stored, or disposed of PCE or PCE-containing products. PCE is a common ingredient in many dry-cleaning and metal degreasing products.

PCE has been detected in groundwater in the South Y area at concentrations as high as approximately 1,700 parts per billion (ppb) and in individual supply wells as high as approximately 60 ppb. The drinking water maximum contaminant level for PCE is 5 ppb. The water supply wells with detections exceeding 5 ppb PCE were shut down to ensure customers continue receiving safe drinking water.

PCE is a colorless liquid that can be harmful when ingested, inhaled or touched. Short-term exposure can cause acute effects, such as dizziness, headaches, and nausea, among other things, while prolonged exposure is known to cause cancer and neurological problems.

In 2017, the Lahontan Water Board issued a Cleanup and Abatement Order (CAO) requiring multiple responsible parties to investigate and cleanup the full lateral and vertical extent of PCE contamination originating from a property in the South Y area that formerly operated a dry-cleaning facility. In addition, there have been several other investigations that have occurred over many years in the South Y area. However, the investigations have been site-specific or localized investigations and have failed to evaluate the full extent of the regional PCE contamination.

“This will be the first comprehensive regional investigation of the South Y area PCE contamination and should provide valuable information allowing the Lahontan Water Board, water suppliers, and other parties to better address the contamination through water treatment and cleanup,” Kouyoumdjian said. “We are pleased to lead this effort and are looking forward to a very productive investigation.”

The Lahontan Water Board received the grant money from SCAP, a relatively new program established by [Senate Bill 445 \(Hill, 2014\)](#) authorizing grants for projects to investigate sources of surface water and groundwater contamination, and to remediate the harm to human health, safety, or the environment caused by existing or threatened surface or groundwater contamination. The Lahontan Water Board will coordinate with its contractor and oversee implementation of the grant-funded work, which is expected to begin in early summer 2019.

The Lahontan Regional Water Quality Control Board is a California state agency responsible for the preservation and enhancement of the quality of California’s water resources in eastern California. For more information about the Lahontan Water Board visit its [website](#).

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