

**SOUTHERN NEVADA WATER AUTHORITY  
BOARD OF DIRECTORS  
REGULAR MEETING  
SEPTEMBER 15, 2022  
MINUTES**

CALL TO ORDER 9:00 a.m.

BOARD MEMBERS PRESENT Marilyn Kirkpatrick, Chair  
Dan Stewart, Vice Chair (entered at item 17)  
James Adams  
Scottt Black  
Jim Gibson  
Justin Jones

BOARD MEMBERS ABSENT Cedric Crear

STAFF PRESENT John Entsminger, Colby Pellegrino, Dave Johnsno, Doa Ross, Kevin Bethel,  
and Greg Walch

OTHERS PRESENT None

*Unless otherwise indicated, all members present voted in the affirmative.*

**COMMENTS BY THE GENERAL PUBLIC**

*For full public comment, visit [snwa.com/apps/snwa-agendas/index.cfm](http://snwa.com/apps/snwa-agendas/index.cfm)*

Ed Uehling spoke concerning items 4, 5 and 6. He said that the fish hatchery in item 4 seemed like a building that was not functioning and on high ground. He said that the building should be moved closer to the edge of the lake instead of pumping the water uphill. He said that the proposals in items 5 and 6 offered some interesting possibilities. He also spoke about John Entsminger's letter to the Department of the Interior and Bureau of Reclamation requesting increased Federal action in the Colorado River Basin.

Tim Weigel submitted written comments for the record prior to the meeting. A copy of his comments is attached to these minutes.

**ITEM NO.**

1. ***For Possible Action:* Approve agenda with the inclusion of tabled and/or reconsidered items, emergency items and/or deletion of items, and approve the minutes from the regular meeting of July 21, 2022.**

FINAL ACTION: Director Gibson made a motion to approve the agenda for this meeting, and to approve the minutes from the regular meeting of July 21, 2022. The motion was approved.

**CONSENT AGENDA Items 2 – 11 are routine and can be taken in one motion unless a Director requests that an item be taken separately.**

2. ***For Possible Action:* Approve and authorize the General Manager to sign a joint funding agreement between the U.S. Geological Survey and the Authority for hydrologic data collection for an amount not to exceed \$193,366.**
3. ***For Possible Action:* Approve a resolution authorizing the submission of a grant proposal to the Bureau of Reclamation's WaterSMART Grants: Water and Energy Efficiency Grants for Fiscal Year 2023 grant program and authorizing the General Manager to sign the implementing funding agreement provided the Authority's obligations do not exceed \$2,989,072.**
4. ***For Possible Action:* Approve an assistance agreement, in substantially the same form as attached hereto, between the Bureau of Reclamation and the Authority to accept a grant in an amount not to exceed \$8,499,582 to construct a buried water pipeline to provide raw water from existing Lake Mead intake facilities to the Nevada Department of Wildlife Lake Mead Fish Hatchery and authorize the General Manager to approve future modifications only if the future modifications do not impact the Authority.**
5. ***For Possible Action:* Approve and authorize the General Manager to sign an interlocal agreement between the City of Henderson and the Authority for the conversion of an estimated 2,000,000 square feet of irrigated turf with water-efficient landscaping and to authorize the General Manager to sign any ministerial documents necessary to effectuate the transaction in an amount not to exceed \$4,100,000.**

6. ***For Possible Action:*** Approve and authorize the General Manager to sign an interlocal agreement between the City of Henderson and the Authority for the conversion of an estimated 2,000,000 square feet of cool season turf to warm season turf and authorize the General Manager to sign any ministerial documents necessary to effectuate the transaction in an amount not to exceed \$1,050,000.
7. ***For Possible Action:*** Award a bid for fluorosilicic acid to Brenntag Pacific, Inc., in an amount not to exceed \$961,875, authorize contract renewals for up to four additional one-year terms with annual increases of up to 25 percent over the previous year, and authorize the General Manager to sign the purchase agreement.
8. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between Stantec Consulting Services Inc. and the Authority to provide professional engineering services for the Low Lake Level Treatability Study for an amount not to exceed \$152,476.
9. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between Black & Veatch Corporation and the Authority to provide engineering design and construction phase support services for a microbiology research laboratory expansion in an amount not to exceed \$2,981,000.
10. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between WunderlichMalec Engineering and the Authority to provide professional services associated with ongoing control systems projects in an annual amount not to exceed \$750,000, and authorize renewals for up to six additional one-year periods.
11. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between Telstar Instruments dba SAE Systems and the Authority to provide professional services associated with ongoing control systems projects in an annual amount not to exceed \$750,000, and authorize renewals for up to six additional one-year periods.

FINAL ACTION: Director Adams made a motion to approve staff's recommendations. The motion was approved.

#### **BUSINESS AGENDA**

12. ***For Possible Action:*** Award a bid for liquid chlorine to Thatcher Company of Nevada, Inc., in an amount not to exceed \$3,584,656, authorize contract renewals for up to four additional one-year terms with annual increases of up to 25 percent over the previous year, and authorize the General Manager to sign the purchase agreement.

FINAL ACTION: Director Jones made a motion to approve staff's recommendation. The motion was approved.

13. ***For Possible Action:*** Reject the bid from Shannon Chemical Corporation and award the contract for zinc orthophosphate to Carus LLC in an amount not to exceed \$1,290,000, authorize contract renewals for up to four additional one-year terms with annual increases of up to 25 percent over the previous year, and authorize the General Manager to sign the purchase agreement.

FINAL ACTION: Director Gibson made a motion to approve staff's recommendation. The motion was approved.

14. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between Total Resource Management, Inc., and the Authority for professional services related to the installation, deployment, and training of IBM Maximo Enterprise Asset Management Software in an amount not to exceed \$5,133,834 for the period from September 2022 through December 2025.

FINAL ACTION: Director Gibson made a motion to approve staff's recommendation. The motion was approved.

15. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between Black & Veatch Corporation and the Authority for professional services to provide program management support related to the implementation of IBM Maximo Enterprise Asset Management Software in an amount not to exceed \$2,871,799 for the period from September 2022 through December 2025.

FINAL ACTION: Director Jones made a motion to approve staff's recommendation. The motion was approved.

16. ***For Possible Action:*** Approve and authorize the General Manager to sign an agreement between HDR Engineering Inc. and the Authority to provide professional engineering services on the expansion of two Authority pump stations in an amount not to exceed \$5,275,667.

FINAL ACTION: Director Black made a motion to approve staff's recommendation. The motion was approved.

17. ***For Possible Action:*** Approve and authorize the General Manager to sign a purchase agreement between R&R Instrument Company and the Authority for the purchase of REXA actuators from October 1, 2022, through September 30, 2027, in an amount not to exceed \$2,595,000 annually, with increases not to exceed 10 percent per contract year.

FINAL ACTION: Director Gibson made a motion to approve staff's recommendation. The motion was approved.

18. ***For Information Only:*** Receive an update from staff on water resources including, but not limited to, drought conditions in the Colorado River Basin, conservation programs and initiatives, activities on the Colorado River, and water resource acquisition and development.

Colby Pellegrino, Deputy General Manager, Resources, gave an update on conservation initiatives. A copy of her presentation is attached to these minutes.

Director Jones said that in regards to the nonfunctional turf restriction some HOAs and businesses have been making great strides in removing turf and implementing conservation measures, while others have been less responsive. He asked if there were other things that the Authority could be doing to incentivize greater participation in conservation programs now or possibly discourage groups from waiting until the 2027 deadline to comply with the law. John Entsminger, General Manager, said that the Authority could consider ramping down the amount of the turf conversion incentive or limiting its future availability.

Director Adams thanked Ms. Pellegrino for her previous presentation to the Boulder City Council. He said the presentation was instrumental in helping educate residents and officials regarding Southern Nevada's water resources.

NO ACTION REQUIRED

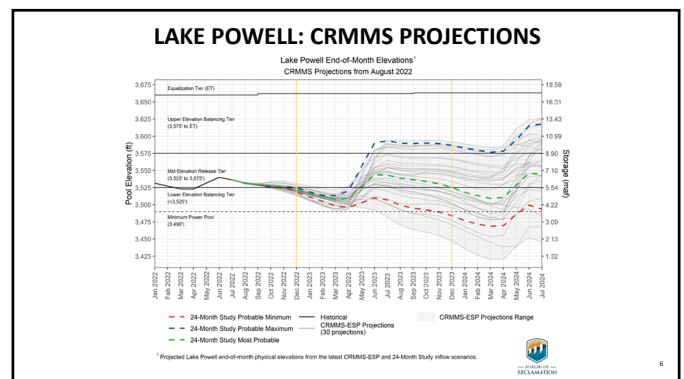
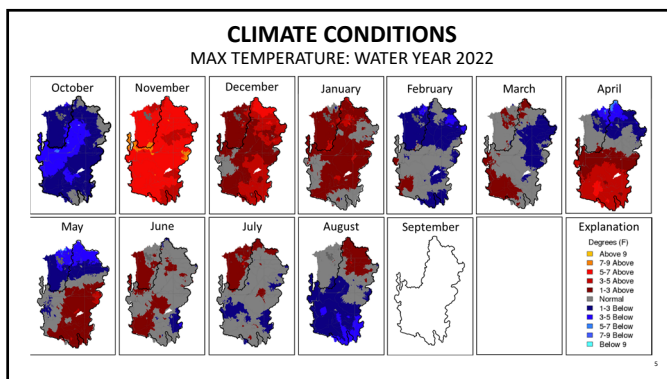
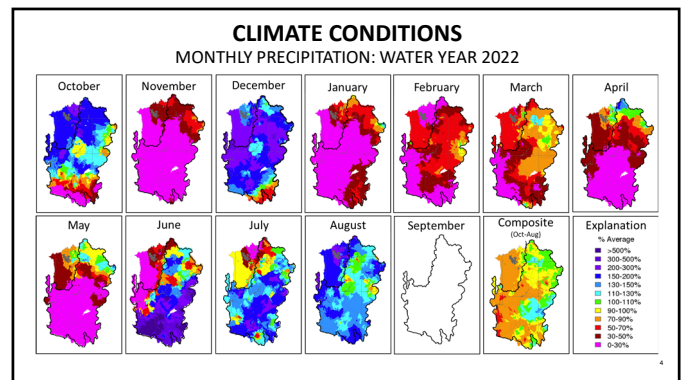
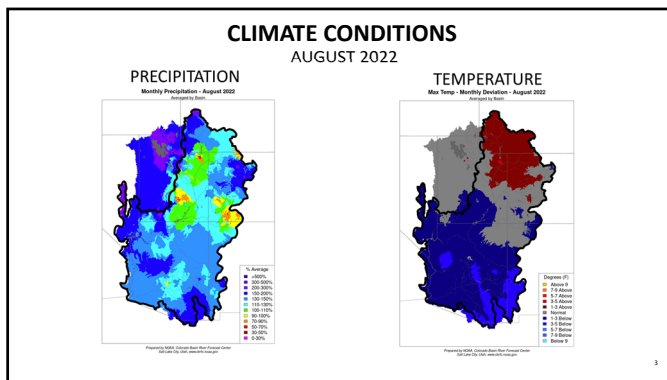
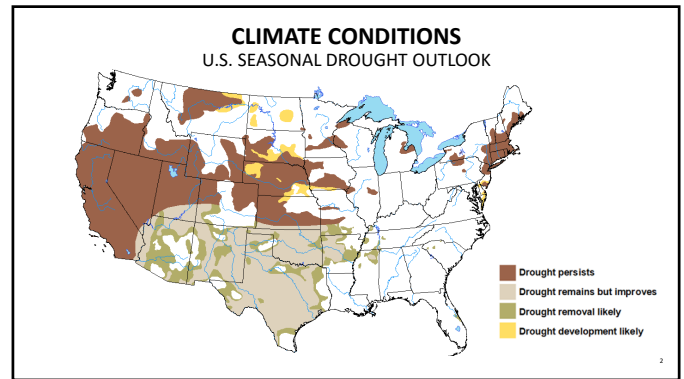
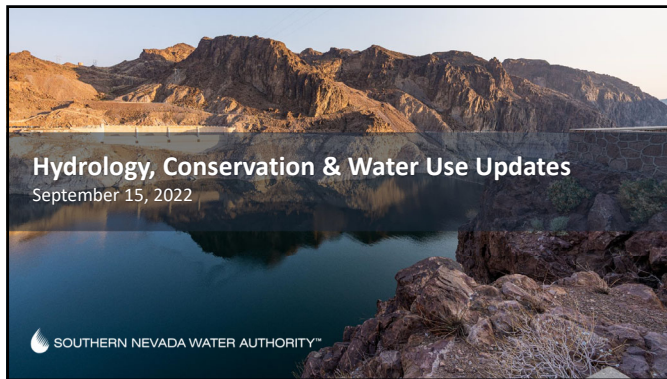
#### **Public Comment**

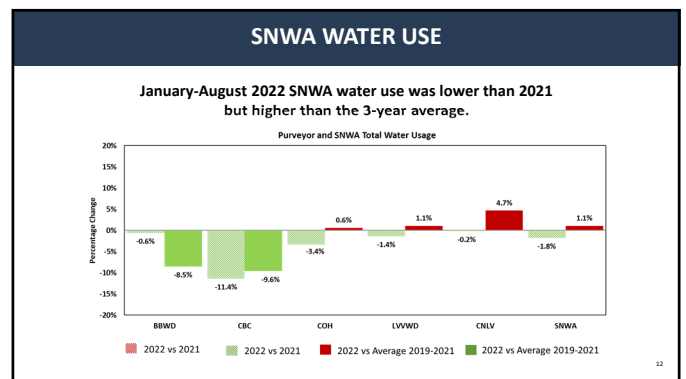
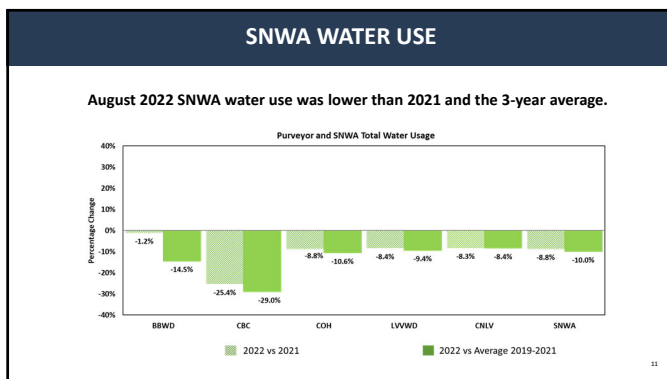
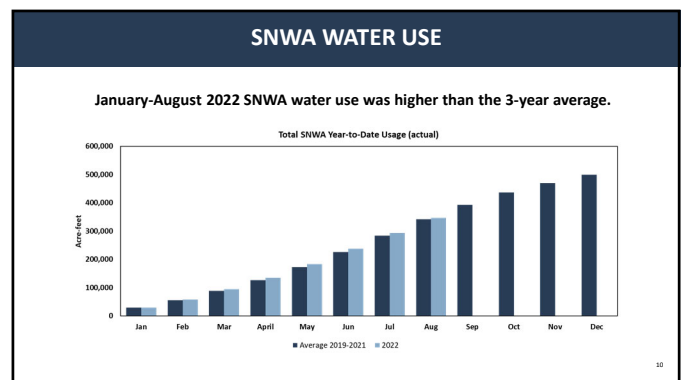
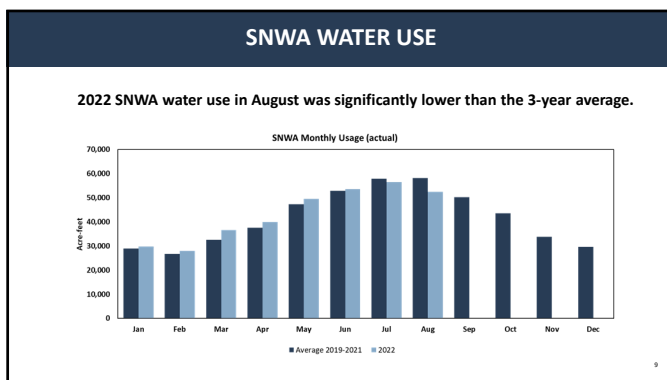
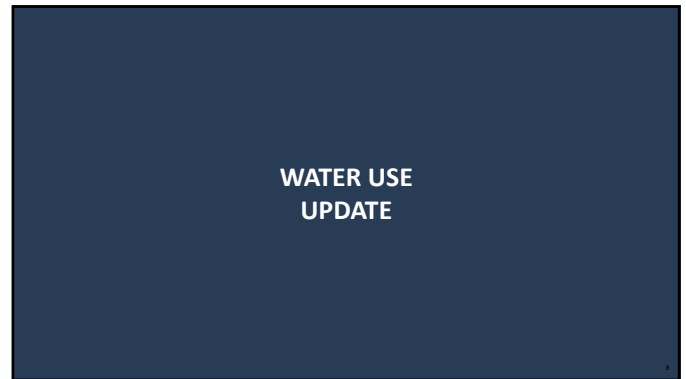
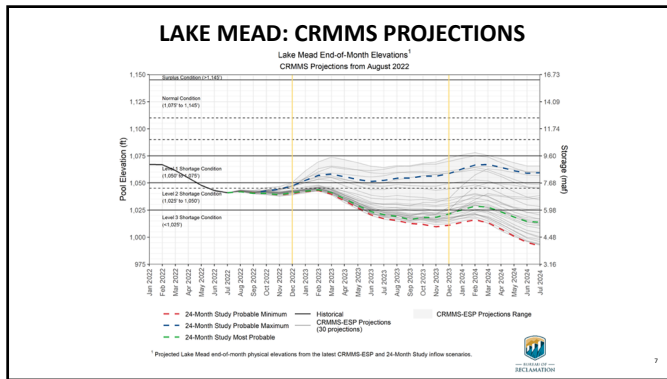
Ed Uehling said that in regards to item 4, he did not agree with spending \$8 million to build a pipeline to bring water to the fish hatchery. He said that those funds should be used to build a more modern facility that was closer to the lake shore. He said that lowering Lake Mead water levels were not being caused by a drought. He said that the problem was a manmade problem, and that falling lake levels were due to overappropriation of water resources. He said that the Authority's conservation programs were a piecemeal approach to solving the community's water issues. Instead, the Authority should focus on raising rates to drive down residential water use. Water users can only conserve so much water. The Federal government should get more involved with infrastructure projects to move water from wetter areas of the country to the arid Southwest.

#### **Adjournment**

There being no further business to come before the Board, the meeting adjourned at 9:32 a.m.

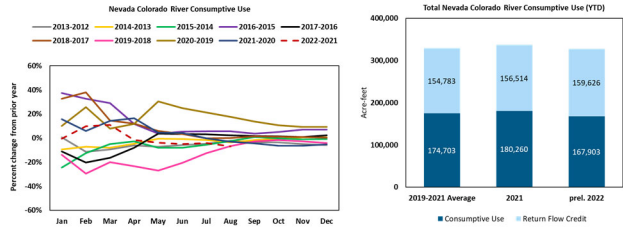
**Copies of all original agenda items and minutes, including all attachments, are on file in the General Manager's office at the Las Vegas Valley Water District, 1001 South Valley View Boulevard, Las Vegas, Nevada.**





## NEVADA COLORADO RIVER USE

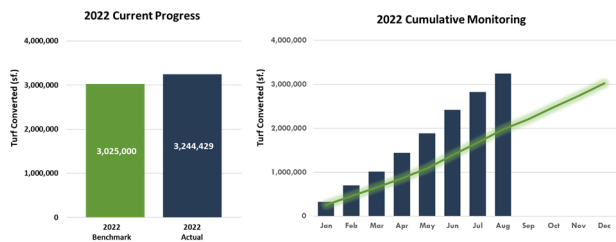
January-August 2022 Colorado River consumptive use was below 2021 and the 3-year average.



## WATER CONSERVATION UPDATE

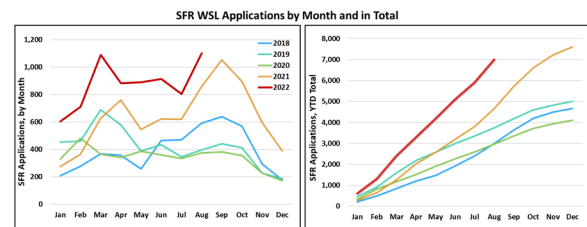
## WATER SMART LANDSCAPES

Homeowners converted more than 3.2 million sf. of turf in 2022, saving an estimated 181 million gallons of water annually.



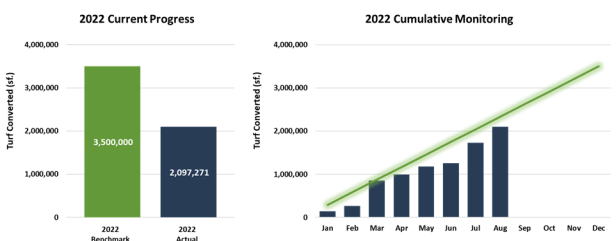
## WATER SMART LANDSCAPES

Single Family Residential WSL applications continue to outpace progress in recent years.



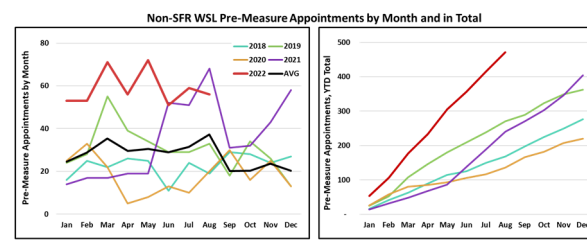
## WATER SMART LANDSCAPES

Non-SFR customers have converted more than 2 million sf. of turf in 2022, saving more than an estimated 117 million gallons of water annually.



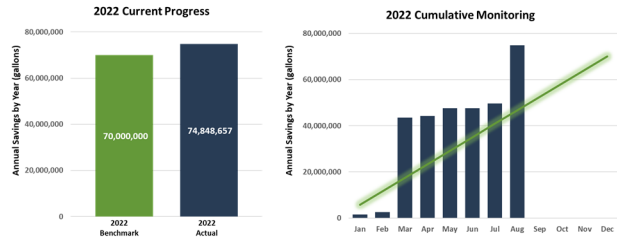
## WATER SMART LANDSCAPES

Program interest among the Non-SFR water users continues to outpace recent years.



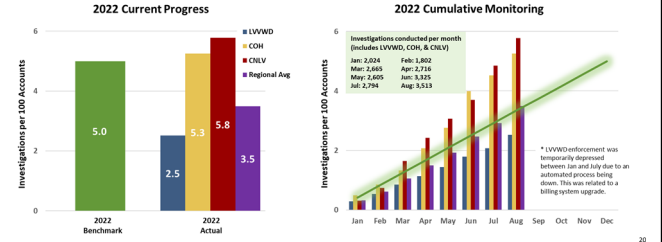
## WATER EFFICIENT TECHNOLOGIES

WET program participants completed 41 projects in 2022, saving an estimated 74.8 million gallons of water.



## WATER WASTE INVESTIGATIONS

Water waste investigations are on track.



	SNWA	LVVWD	Henderson	North Las Vegas	Boulder City	City of Las Vegas	Clark County
<b>NTRAC Definitions</b>	✓ Jan '22	✓ Apr '22	✓ Sep '22	📅 Oct '22	✓ Aug '22	N/A	N/A
<b>No New Grass</b>	✓ Dec '21	✓ Apr '22	✓ Sep '22	📅 Oct '22	✓ Aug '22	Unscheduled	✓ Jul '22
<b>No New Spray Irrigation</b>	✓ Dec '21	✓ Apr '22	✓ Sep '22	📅 Oct '22	✓ Aug '22	Unscheduled	✓ Jul '22
<b>SFR Pool Size Limits</b>	✓ Jul '22	✓ Jul '22	✓ Sep '22	📅 Oct '22	✓ Aug '22	Unscheduled	✓ Jul '22
<b>Golf Course Water Budgets</b>	✓ May '22	📅 Fall '22	📅 Fall '22	📅 Oct '22	📅 Fall '22	N/A	N/A
<b>New Golf Course Prohibition</b>	N/A	✓ 2021	✓ 2021	📅 Oct '22	✓ Aug '22	Unscheduled	✓ Jul '22
<b>Consistent Fountain Codes</b>	N/A	📅 Oct '22	📅 2023	N/A	N/A	Unscheduled	✓ Jul '22
<b>Septic Prohibition</b>	N/A	✓ 2020	Unscheduled	📅 Evaluating restricted language	Unscheduled	Unscheduled	N/A



**From:** Tim Weigel <timweigel28@yahoo.com>  
**Sent:** Sunday, September 4, 2022 7:37 PM  
**To:** &PublicComment  
**Subject:** {External} Public comment in advance

To whom it may concern,

I would like to submit my public comment in advance for the September 15th board meeting. I would like to address the board about wasted water within bars and restaurants. I have an equipment idea that I have been trying to get licensed, but no companies will listen to me. I have put forth \$18,000 of my own money to try and get this equipment manufactured and distributed to bars and restaurants. It has the potential to save millions of gallons of wasted fresh water just in Las Vegas alone. The name of the product is the Ice Burner and here is the link to the website is [\\*\\* Official Ice Burner \\*\\*](#). My hope is that the Board will listen to me and offer some kind of guidance or connect me with someone that can build the ice burner to save our precious water.

Sincerely,  
Tim Weigel