



AGENDA
BIG BEND WATER DISTRICT
BOARD OF TRUSTEES

Board of Trustees
Michael Naft, Chair
Jim Gibson, Vice Chair
Justin Jones
Marilyn Kirkpatrick
William McCurdy II
Ross Miller
Tick Segerblom

SPECIAL MEETING
9:00 A.M. – SEPTEMBER 21, 2021

COMMISSION CHAMBERS
CLARK COUNTY GOVERNMENT CENTER
500 S. GRAND CENTRAL PARKWAY, LAS VEGAS, NEVADA
(702) 258-3100

Date Posted: September 14, 2021

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THIS MEETING HAS BEEN PROPERLY NOTICED AND POSTED IN THE FOLLOWING LOCATIONS:

Table with 3 columns listing meeting locations: Clark County Government Center, Las Vegas Valley Water District, Regional Justice Center, Regional Government Center, Big Bend Water District, Laughlin Library.

All items listed on this agenda are for action by the Board of Trustees, unless otherwise indicated. Items may be taken out of order. The Board of Trustees may combine two or more agenda items for consideration, and/or may remove an item from the agenda or delay discussions relating to an item on the agenda at any time.

Visit our website at www.lvvw.com/service-areas/big-bend/big-bend-agendas/index.cfm or main office at 1001 S. Valley View Boulevard, Las Vegas, Nevada for Big Bend Water District agenda postings, copies of supporting material and approved minutes. To receive meeting information, including supporting material, contact the Agenda Coordinator at (702) 258-3277 or agendas@lvvw.com.

CALL TO ORDER

COMMENTS BY THE GENERAL PUBLIC

NO ACTION MAY BE TAKEN: At this time, the Board of Trustees will hear general comments from the public on items listed on the agenda. If you wish to speak to the Board about items within its jurisdiction, but not appearing on this agenda, you must wait until the "Comments by the General Public" period listed at the end of this agenda. Please limit your comments to three minutes or less. Public comment can also be provided in advance of the meeting and submitted to publiccomment@lvvw.com.

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 of the special meeting of December 1, 2020.
2. For Possible Action: Approve a resolution authorizing the submission of a funding application to the Nevada Division of Environmental Protection's Drinking Water State Revolving Fund Loan and Capital Improvement Grant Program.

COMMENTS BY THE GENERAL PUBLIC

NO ACTION MAY BE TAKEN: At this time, the Board of Trustees will hear general comments from the public on matters under the jurisdiction of the Big Bend Water District. Please limit your comments to three minutes or less.

**BIG BEND WATER DISTRICT
BOARD OF TRUSTEES MEETING
DECEMBER 1, 2020
MINUTES**

CALL TO ORDER 9:01 a.m., Southern Nevada Water Authority,
100 N. City Parkway, Las Vegas, Nevada

TRUSTEES PRESENT Justin Jones, Chair (via phone)
Michael Naft, Vice Chair (via phone)
Larry Brown (via phone)
Jim Gibson (via phone)
Marilyn Kirkpatrick
Tick Segerblom (via phone)
Lawrence Weekly (via phone)

STAFF PRESENT John Entsminger, Colby Pellegrino, Doa Ross (via phone), Greg Walch (via
phone)

OTHERS PRESENT William Nelson, BDO (via phone)

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

COMMENTS BY THE GENERAL PUBLIC

For full public comment visit www.lvvwd.com/apps/agenda/big_bend/index.cfm

There were no speakers.

ITEM NO.

1. Approval of Agenda & Minutes

FINAL ACTION: A motion was made by Trustee Kirkpatrick to approve the agenda approve and the minutes from the special meeting of December 3, 2019.

2. Accept the Big Bend Water District's Annual Financial Report, including the corresponding Independent Auditors' Report on Financial Statements and Other Supplementary Information for the Fiscal Year ended June 30, 2020, and authorize its submission to the Nevada Department of Taxation.

John Entsminger, General Manager, stated that, per the external auditor, BDO, there were no findings and the District received an unqualified audit report.

FINAL ACTION: A motion was made by Chair Jones to accept the financial report. The motion was approved.

COMMENTS BY THE GENERAL PUBLIC

For full public comment visit www.lvvwd.com/apps/agenda/big_bend/index.cfm

There were no speakers.

Adjournment

There being no further business to come before the Board, the meeting adjourned at 9:03 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.

BIG BEND WATER DISTRICT
BOARD OF TRUSTEES
AGENDA ITEM
September 21, 2021

Subject: Resolution
Petitioner: Colby N. Pellegrino, Deputy General Manager, Resources
Recommendations: That the Board of Directors approve a resolution authorizing the submission of a funding application to the Nevada Division of Environmental Protection's Drinking Water State Revolving Fund Loan and Capital Improvement Grant Program.

Fiscal Impact:

None by approval of the above recommendation.

Background:

In 1991, the Nevada State Legislature created the Capital Improvements Grant Program and designated the State of Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (Division) as the agency to provide capitalization grants to assist with the cost of capital improvements to publicly owned community water systems and fill the financial gap between actual costs and what a community could afford.

In addition, the 1996 Amendments to the Federal Safe Drinking Water Act established the Drinking Water State Revolving Fund (DWSRF) and authorized the Division to provide loans to publicly owned community water systems at below market interest rates for the construction of water system projects.

In 2018, the Division determined that the town of Laughlin met the definition of a disadvantaged community. This determination qualified the Big Bend Water District (BBWD) for a DWSRF principal forgiveness loan to offset the costs of exploring the viability and design of a well adjacent to the Colorado River to employ riverbank filtration (RBF). RBF is a natural process proven effective in treating constituents of concern and is needed to improve Laughlin's water quality and increase system reliability.

Unfortunately, the project encountered significant challenges: (1) the initial drilling of the borehole revealed unstable geologic materials that required pressure grouting; (2) the lower portion of the borehole encountered higher permeable sediments and required the borehole to be drilled deeper than originally designed; (3) total dissolved solids exceed the BBWD water treatment facility's capabilities, which required construction of an outlet structure and valving for wastewater routing; (4) piping modifications are needed in preparation for well equipping; and (5) design fees have increased due to a significant decrease in the well's anticipated flow rate.

To further mitigate the impact on ratepayers of continued well construction, the BBWD is seeking an additional \$800,000 from the Division in the form of a principal forgiveness loan and/or a capital improvement grant to complete construction of the well. In accordance with Division requirements, the Board of Directors is being asked to approve a resolution authorizing the

Resolution
September 21, 2021
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submission of a funding application to the Division. Upon review of the application, the Division will determine the form and amount of funding that it can provide. If the application is approved, a funding agreement will be brought back before the Board for acceptance and approval.

This resolution is authorized pursuant to NRS Chapter 277.180, NRS 318.210, and Article III.A of the 2008 Big Bend Water District Agreement. The office of the General Counsel has reviewed and approved the resolution.

JJE:CNP:AMB:KH:CCD:KF
Attachment: Resolution

RESOLUTION

WHEREAS, in 1991, the Nevada State Legislature created the Capital Improvements Grant Program (NRS 349.980 through 349.987) and designated the State of Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (Division) as the agency to apply to for capitalization grants to assist with the cost of capital improvements to publicly owned community water systems and fill the financial gap between actual costs and what the community can afford; and

WHEREAS, the 1996 Amendments to the Federal Safe Drinking Water Act established the Drinking Water State Revolving Fund (DWSRF) and designated the Division to enter into loan contracts at below market interest rates for the construction of water system projects with publicly owned community water systems; and

WHEREAS, the Big Bend Water District (BBWD) is a general improvement district and political subdivision of the State of Nevada that was created in 1983 to supply water to the unincorporated town of Laughlin, Nevada; and

WHEREAS, in 2008, the Big Bend Board of Trustees (Board) designated the Las Vegas Valley Water District (LVVWD) to operate and maintain BBWD facilities and to serve as agent for the BBWD; and

WHEREAS, the community of Laughlin has approximately 10,000 residents and the BBWD provides municipal water to approximately 2,375 active accounts; and

WHEREAS, the Division has determined that the town of Laughlin meets the definition of a disadvantaged community; and as such, the community is eligible to receive a subsidy in the form of 100 percent forgiveness of loan principal; and

WHEREAS, in 2018, the State Board for Financing Water Projects approved a principal forgiveness loan to BBWD in the amount of \$500,000 to explore the viability and design of a well adjacent to the Colorado River to employ riverbank filtration (RBF), a natural process proven effective in treating constituents of concern; and

WHEREAS, the initial drilling of the borehole encountered unstable geologic materials, requiring labor and materials to pressure grout the unstable formation, and the lower portion of the borehole encountered higher permeable sediments, requiring the borehole to be drilled deeper than the original design; and

WHEREAS, total dissolved solids were found to be higher than the BBWD water treatment facility can accommodate, requiring an outlet structure and valving for wastewater routing; piping modifications in preparation for well equipping; and increased consultant design fees due to a significant decrease in the anticipated flow rate; and

WHEREAS, the BBWD estimates it will take an additional \$800,000 to finalize the construction and equipping of the RBF well; and

WHEREAS, the BBWD will benefit significantly from financial assistance provided by the Division in the form of a principal forgiveness loan and/or a capital improvement grant.

NOW, THEREFORE, BE IT RESOLVED that the BBWD Board agrees, authorizes, and verifies:

1. That the riverbank filtration emergency well is needed to improve Laughlin's water quality and increase the system's reliability.
2. That the additional costs needed to construct and equip the RBF well are greater than the community can bear through rates alone.
3. The Board wishes to apply to the Division for DWSRF and/or a Capital Improvement Grant to offset the additional costs of constructing and equipping the RBF well and directs the General Manager, or his designee, to do so.
4. If awarded a principal forgiveness loan and/or a Capital Improvement Grant, the ministerial documents may be brought to the BBWD Board of Directors for approval at a future meeting.

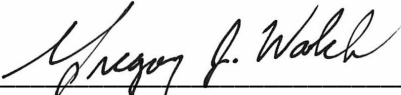
Introduced and passed this ^{21st} day of September 2021.

Attest:

Big Bend Water District

John J. Entsminger, Secretary

Michael Naft, Chair



Gregory J. Walch, General Counsel