



# Board for Financing Water Projects

**August 20, 2025, 9:00 AM**

**Location:**

The Richard H. Bryan Building, Bonnie Conference Room  
901 South Stewart St, 1<sup>st</sup> Floor, Carson City, NV 89701

**To Access Virtually:**

Microsoft TEAMS

Meeting ID: 248 364 844 603 ; Passcode: 9ee7df9E

Call in from Mobile/Phone (audio only): (775) 321-6111; Phone Conference ID:986 599 753#

# Agenda Item 2: Introductions

# Agenda Item 3:

## Public Comments

Those wishing to make public comment that are participating remotely may do so by calling (775) 321-6111 and use meeting extension 986 599 753#, or by raising your hand through the TEAMS module so the moderator may call on you.

Members of the public will be invited to speak before the board; however, no action may be taken on a matter during public comment until the matter itself has been included on an agenda as an item for possible action. Public comment may be limited to three (3) minutes per person at the discretion of the chair. Additional comments may be submitted to the board for inclusion in the minutes.

# **Agenda Item 4: Approval of May 21, 2025, Board meeting minutes**

# **Agenda Item 5: Advisor to the Board Update**

# Agenda Item 6:

## Capital Improvement Grant funding update as of August 9, 2025

Current Cash:	\$79,557.50 <sup>1</sup>
Less Funds for Administration:	\$22,320.32
Add Projected Treasurer's Interest	<u>\$2,087.09</u>
<b>Cash Available for Projects:</b>	<b>\$59,342.24</b>
Committed bond funds not yet distributed:	\$57,237.18
Projects for consideration:	<u>\$0</u>
<b>Uncommitted funds:</b>	<b>\$2,087.09<sup>2</sup></b>

<sup>1</sup>From all sources including bond proceeds, administration fees, and treasurer's interest.

<sup>2</sup>Includes estimated bond interest earnings for remainder of fiscal year 2025.

# Agenda Item 6: Capital Improvement Grant funding update as of August 9, 2025

## Current Spending of Bond Proceeds

Bond Series	2021B	
Legislative Authority	AB492 (81st Session) \$8,000,000	
Date of Issuance	December 07, 2021	
Initial Proceeds	\$	8,082,775.25
<u>Treasurer's Interest<sup>2</sup></u>	\$	606,222.04
Total Proceeds	\$	8,688,997.29
6 months	\$	(81,028.81) 0.93%
12 months	\$	(81,028.81) 0.93%
18 months	\$	(83,699.34) 0.96%
24 months	\$	(645,672.63) 7.43%
30 months	\$	(2,568,680.31) 29.56%
36 months	\$	(2,568,680.31) 29.56%
42 months	\$	(8,476,885.17) 97.56%
48 months	\$	(8,630,734.18) 99.33%
Unspent Proceeds	\$	58,263.11 0.67%

# Agenda Item 6:

## Capital Improvement Grant funding update as of August 9, 2025

Entity	Contract	Date	Amount	Drawn	Outstanding	Last Draw Date
Las Vegas Valley Water District-Big Bend	GP2103	01/20/21	\$ 1,908,622.00	1,908,622.00	\$ -	Closed
Alamo Sewer and Water GID	GP2104	08/02/21	\$ 613,311.51	613,311.51	\$ -	Closed De-obligated 42,311.66
Las Vegas Valley Water District-Big Bend	GP2201	04/19/22	\$ 86,449.13	86,449.13	\$ -	Closed De-obligated 9,157.86
Golconda GID	GP2202	08/02/22	\$ 793,000.00	793,000.00	\$ -	Final Draw 5/8/25
Topaz Ranch Estates GID	GP2203	05/17/22	\$ 1,645,520.00	1,605,613.88	\$ 39,906.12	Draw in NIFS for \$153,849.01
Beatty Water & Sanitation District	GP2502	07/02/24	\$ 300,566.48	300,566.48	\$ -	Closed De-obligated 54,309.52
Pershing County	GP2503	06/28/24	\$ 550,500.00	550,500.00	\$ -	Closed
Carlin, City of	GP2504	06/28/24	\$ 1,783,360.00	1,783,360.00	\$ -	Closed
Henderson, City of	GP2505	06/28/24	\$ 1,824,000.00	1,824,000.00	\$ -	Closing held
			<b>\$ 9,505,329.12</b>	<b>\$ 9,465,423.00</b>	<b>\$ 39,906.12</b>	



# Agenda Item 7:

## DWSRF funding update as of August 8, 2025

Program Cash Balances	DWSRF Base Program	DWSRF Emerging Contaminants	DWSRF Lead Service Lines	Total DWSRF Funding
<b>Cash in the State Account</b>	<b>\$129,840,067</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129,840,067</b>
Less bond debt service reserves	-\$6,069,283	\$0	\$0	-\$6,069,283
Add Federal Cash Available for Loans	\$39,112,435	\$21,768,860	\$25,212,000	\$86,093,295
Add pending federal grants	\$37,121,000	\$7,921,000	\$0	\$45,042,000
<b>Cash Available for Loans</b>	<b>\$200,004,219</b>	<b>\$29,689,860</b>	<b>\$25,212,000</b>	<b>\$254,906,079</b>
Committed funds not yet disbursed	\$152,347,293	\$6,000,000	\$0	\$158,347,293
Add commitments for Board consideration	\$485,250	\$0	\$0	\$485,250
<b>Total committed funds after Board Approval</b>	<b>\$152,832,543</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$158,832,543</b>
Add projects in discussion with OFA	\$10,745,878	\$10,000,000	\$5,000,000	\$25,745,878
Total committed and potential project loans <sup>A</sup>	<b>\$163,578,421</b>	<b>\$16,000,000</b>	<b>\$5,000,000</b>	<b>\$184,578,421</b>

<sup>A</sup> Nevada evaluates cash over a three-year period to determine the amount of cash available for loan commitments. This practice is highly encouraged by EPA for effective use of funds management. Therefore, the amount committed to projects at any given time may be higher than the current cash available in the program accounts.

# Agenda Item 7:

## DWSRF funding update as of August 8, 2025

Program Cash Balances for Principal Forgiveness (PF) Loans <sup>B</sup>	DWSRF Base Program	DWSRF Emerging Contaminants	DWSRF Lead Service Lines	Total DWSRF Funding
Required amount to commit to PF loans	\$58,597,330	\$21,768,860	\$12,353,880	\$92,720,070
Add pending federal grant requirements	\$18,189,290	\$7,921,000	\$0	\$26,110,290
Less spent amount	-\$30,701,141	\$0	\$0	
<b>Total Required PF Loan Balance</b>	<b>\$46,085,479</b>	<b>\$29,689,860</b>	<b>\$12,353,880</b>	<b>\$88,129,219</b>
Committed funds not yet disbursed	\$15,477,987	\$0	\$0	\$15,477,987
Commitments for Board consideration	\$485,250	\$0	\$0	\$485,250
Add projects in discussion with OFA	\$299,760	\$22,385,000	\$5,000,000	\$27,684,760
Remaining Authority <sup>B</sup>	<b>\$29,822,482</b>	<b>\$7,304,860</b>	<b>\$7,353,880</b>	<b>\$44,481,222</b>

<sup>B</sup> Cash available for PF loans is included in the Program Cash Balance table above. This table reflects the federal requirements for Nevada to distribute a portion of the available cash as PF loans.

# Agenda Item 8:

## Nye County School District

### Amargosa Elementary Arsenic Treatment

**\$276,250 DWSRF Principal Forgiveness**

- School distribution system - one (1) active well
- Intertie Nye County Maintenance Yard water system - emergency only
- Centralized treatment – less efficient, more costly and labor intensive
- Arsenic violation for exceedance MCL since 2023
- Reliance on bottled water consumption – unsustainable financial burden

*This project will include reimbursement for a PER, completing the design, engineering, and construction / installation of a point-of-use arsenic removal treatment.*

# Agenda Item 8:

## Nye County School District

### Amargosa Elementary Arsenic Treatment

	DWSRF	Local	Other Source	Total Costs
Planning costs including PER and ER development	\$15,000.00	\$0.00	\$0.00	<b>\$15,000.00</b>
Design and Engineering including inspection	\$31,350.00	\$0.00	\$0.00	<b>\$31,350.00</b>
Construction costs	\$209,000.00	\$0.00	\$0.00	<b>\$209,000.00</b>
Construction contingency	\$20,900.00	\$0.00	\$0.00	<b>\$20,900.00</b>
<b>Totals</b>	<b>\$276,250.00</b>	<b>\$ 0.00</b>	<b>\$ 0.00</b>	<b>\$276,250.00</b>

Other Source:

Unrestricted Cash: \$59,360,255

Days cash in hand: 361

Operating Income (before depreciation): \$46,999,887

Current Ratio: 10.47

# Agenda Item 8:

## Nye County School District

### Amargosa Elementary Arsenic Treatment

<b>Total Commitment</b> <b>\$276,250.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a loan commitment to Nye County SD - Amargosa Elementary School for Arsenic Remediation.	
<b>Amount</b>	<b>Resolution</b>	<b>Program and Terms</b>
\$276,250.00	D08-0825	DWSRF Principal Forgiveness

#### DWSRF Loan Conditions

- 100 % of the loan principal will be forgiven
- Develop and Maintain an asset management plan that is reviewed by the governing board at least every five years.
- The recipient agrees to draw funds available in this contract within three (3) years from the date of this contract. Funds will be subject to de-obligation and/or review after this time period by the Division.

# Agenda Item 9:

# McGill Ruth Consolidated GID

## Well Rehabilitation

**\$209,000 DWSRF Principal Forgiveness**

- Primary well pump in service 30+ years
- 350 hp back-up pump expensive to operate, inefficient, too large for system
- Replacing oversized back-up pump adds resiliency to the system

*This project is to Purchase a new back-up pump to serve alongside the current pump, working in tandem to create an efficient long-term solution. The line shaft will be removed along with the current back-up pump and motor. This will be cleaned and disinfected before installing the new pump and reconnecting electrical.*

# Agenda Item 9:

## McGill Ruth Consolidated GID Well Rehabilitation

	DWSRF	Local	Other Source	Total Costs
Design and Engineering including inspection	\$20,000.00	\$7,000.00	\$0.00	<b>\$27,000.00</b>
Construction costs	\$180,000.00	\$0.00	\$0.00	<b>\$180,000.00</b>
Construction contingency	\$9,000.00	\$0.00	\$0.00	<b>\$9,000.00</b>
<b>Totals</b>	<b>\$209,000.00</b>	<b>\$7,000.00</b>	<b>\$ 0.00</b>	<b>\$216,000.00</b>

Other Source:

Unrestricted Cash: \$460,914

Days cash in hand: 429

Net Income (before  
depreciation): \$1,853

Current Ratio: 17.69

# Agenda Item 9:

## McGill Ruth Consolidated GID

### Well Rehabilitation

<b>Total Commitment</b> <b>\$209,000.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a loan commitment to McGill Ruth Consolidated Sewer & Water GID for Well Rehab.	
<b>Amount</b>	<b>Resolution</b>	<b>Program and Terms</b>
\$209,000.00	D09-0825	DWSRF Principal Forgiveness

#### DWSRF Loan Conditions

- 100% of the loan principal will be forgiven
- Review user rates at least every three (3) years for the life of the loan.
- Develop and maintain an asset management plan that is reviewed by the governing board at least every five years.
- The recipient agrees to draw funds available in this contract within three years from the date of this contract. Funds will be subject to de-obligation and/or review after this time period by the Division.



# Agenda Item 10: City of Carlin

## Arthur Springs Main Waterline Replacement

**\$1,506,346 Est. Project Cost – Capital Improvement Grant 59%**

- DOWL (contracted Engineer) - commissioned a study 2022 and determined the old water main from Authur Springs reservoir is aged and needs replacement to prevent pipe failure.
- Water main – highly critical component - provides 90% of Carlins drinking water

*This project will replace the existing water main from Arthur Springs reservoir to the Hamilton Street booster pump station*

# Agenda Item 10: City of Carlin

## Arthur Springs Main Waterline Replacement

<b>Estimated Project Cost</b> <b>\$1,506,346.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund the City of Carlin for a capital improvement project for the Arthur Springs Main Waterline Replacement	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
59%	G10-0825	Grant Funds

Cap Grant (59%)	Matching Funds	Total Cost	Matching Funds Source
\$888,744.14	\$617,601.86	<b>\$1,506,346.00</b>	Local Funds

# Agenda Item 11:

# Clark County Water Reclamation District

## Septic to Sewer Consolidation

**\$5,000,000 Est. Project Cost – Capital Improvement Grant 37%**

- Southern Nevada – Colorado River reliance for 95% of demand – accessed in Lake Mead.
- Two (2) decades of drought - grim projections
- Highly treated wastewater from homes and businesses is returned to Lake Mead
- Return-flow credits – gallons returned allows gallons to be taken out
- Septic Systems - consume six (6) times the amount of water as a sewer connection, inefficient water storage, and can leak and pollute groundwater
- Conversion from septic to sewer – costly and results in financial burden

*This project will transfer septic users throughout CCWRD's service jurisdiction to municipal sewer lines. There are 1,400 properties that meet the initial criteria of having a sewer line located adjacent to the parcel. On a first come first served basis, the project will allow for the capture of water to properly treat and return to Lake Mead in exchange for return-flow credits.*

# Agenda Item 11:

## Clark County Water Reclamation District

### Septic to Sewer Consolidation

<b>Estimated Project Cost</b> <b>\$ 5,000,000.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a letter of intent to fund Clark County Water Reclamation District for a capital improvement project for Septic to Sewer consolidation.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
37%	G11-0825	Grant Funds

Cap Grant (37%)	Matching Funds	Total Cost	Matching Funds Source
\$1,850,000.00	\$3,150,000.00	\$5,000,000.00	Local Funds

# Agenda Item 12:

## City of Ely

### Morley Avenue Water Upgrade

**\$569,910.00 Est. Project Cost – Capital Improvement Grant 38%**

- Ely residents have notified the City for years of an extreme low water pressure condition
- New and improved water lines - fewer pauses in service from repair work, better pressure
- Damage to infrastructure from leaks will be reduced
- Improved infrastructure reliability will reduce annual maintenance budget

*This project will consist of upgrading the existing aged water system from the intersection of Morley Avenue and 7th Street to the end of the cul-de-sac. Approximately 765 feet of new 8-inch PVC will replace 6-inch cast iron pipe from the 1950's. Three new isolation valves will be installed. One (1) old fire hydrant will be removed, and two (2) new hydrants will be installed. Finally, a booster pump will be installed on 7th Street to improve water pressure.*

# Agenda Item 12:

## City of Ely

### Morley Avenue Water Upgrade

<b>Estimated Project Cost</b> <b>\$ 569,910.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund the City of Ely for a capital improvement project for upgrading the existing aged water system from the intersection of Morley Avenue and 7 <sup>th</sup> Street.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
38%	G12-0825	Grant Funds

Cap Grant (38%)	Matching Funds	Total Cost	Matching Funds Source
\$216,565.80	\$353,344.20	<b>\$569,910.00</b>	CDBG and Local Funds

# Agenda Item 13A:

## Hawthorne Utilities

### Hawthorne Tank Rehabilitation

**\$496,110.00 Est. Project Cost – Capital Improvements Grant 67%**

- Existing tank constructed in 2001
- Requires internal recoating to maintain adequate long-term operation and reliable storage capacity for the public water system
- Dive inspection in 2022 revealed one interior truss in poor condition – coating at this location failed causing corrosion
- Continued corrosion could result in leaks, vulnerability to contamination, and potential structural deficiencies

*This project includes recoating of the interior of Hawthorne Steel Tank 4 – this tank is also referred to as Whiskey Flat Tank with 250,000-gallon capacity. Interior coating will include blasting and surface preparation prior to application of two-component epoxy system. The coating will be NSF compliant, and the tank will be disinfected and tested for bacteriological contamination and volatile organic compounds prior to returning to service.*

# Agenda Item 13A:

## Hawthorne Utilities

### Hawthorne Tank Rehabilitation

<b>Estimated Project Cost</b> <b>\$496,110.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a letter of intent to fund Hawthorne Utilities for a capital improvement project for the Hawthorne steel tank rehabilitation.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
67%	G13A-0825	Grant Funds

Cap Grant (67%)	Matching Funds	Total Cost	Matching Funds Source
\$332,393.70	\$163,716.30	<b>\$496,110.00</b>	Local Funds



# Agenda Item 13B:

# Hawthorne Utilities

## Mina Tank #2 Rehabilitation

**\$259,163.00 Est. Project Cost – Capital Improvements Grant 81%**

- Mina Tank #2 inspected by divers in December 2023
- Interior Coating was in **very poor condition**
  - Extensive delamination on interior roof panels and trusses
  - Large areas of bare steel exposed and corroding due to high humidity above water line
  - Heavy blistering of the shell below water line with moderate corrosion and deep pitting
  - Extensive corrosion and bare steel on the floor

*This project will recoat the interior of Mina Tank #2. This tank is an existing 80,000-gallon potable water storage tank. Interior recoating will include blasting and surface preparation prior to application of an epoxy.*

# Agenda Item 13B:

## Hawthorne Utilities

### Mina Tank #2 Rehabilitation

<b>Estimated Project Cost</b> <b>\$ 259,163.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Hawthorne Utilities for a capital improvement project for rehabilitation of Mina tank #2.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
81%	G13B-0825	Grant Funds

Cap Grant (81%)	Matching Funds	Total Cost	Matching Funds Source
\$209,922.03	\$49,240.97	<b>\$259,163.00</b>	DWSRF PF Loan

# Agenda Item 14:

## City of Henderson

# Transmission and Storage Improvement Design

**\$3,760,000 Est. Project Cost – Capital Improvements Grant 42%**

- Funding the *Horizon Lateral Project* would be for **design only**.
- Project – to enhance water transmission and storage capacity by constructing critical infrastructure on both the east and west sides of Henderson.
- Increase system reliability and ensure efficient water distribution
- The project will also add redundancy to the system for infrastructure that has functioned as a sole source since the 1990's
  - Allowing this aging infrastructure to be better maintained to eliminate leaks and prevent breaks

*The project's eastside improvements include installing 10,600 LF of 36-inch water transmission main from Paradise Hills Booster Pumping Station to City of Henderson reservoirs.*

*Also, a connection pipeline with altitude valve and communications with SNWA. A New 4-million-gallon reservoir and additional transmission mains.*

*Improvements to West Henderson include installation of 450 LF of 48-inch waterline, valves, and controls. Modifications to existing hydraulic valves will optimize distribution and pump station adjustments will improve redundancy, while a new connection will support up to 12 MGD.*

# Agenda Item 14:

## City of Henderson

### Transmission and Storage Improvement Design

<b>Estimated Project Cost</b> <b>\$3,760,000.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund the City of Henderson for a capital improvement project for improvements to the waterlines that would expand services in both East and West Henderson.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
42%	G14-0825	Grant Funds

Cap Grant (42%)	Matching Funds	Total Cost	Matching Funds Source
\$1,579,200.00	\$2,180,800.00	<b>\$3,760,000.00</b>	Local Funds

# Agenda Item 15A:

# Moapa Valley Water District

## Warm Springs Tank

**\$3,737,200 Est. Project Cost – Capital Improvements Grant 51%**

- New tank will provide maximum day demand , fire flow, and 75% emergency reserve capacity to the *Moapa Upper* and *Lytle Ranch* pressure zones, as well as the *Moapa Band of Paiutes Indian Reservation*.
- Tank placed as a **high priority item** in the District's 2017 Capital Improvement Plan.
- Project allows new items to be placed on the next Capital Improvement Plan as the district strives to provide access to safe drinking water for existing users.

*This project includes installation of one (1) 500,000-gallon potable water storage tank with associated appurtenances. Currently, MVWD's Arrow Canyon Well No. 1, Well No. 2, and Arrow Canyon Treatment Facility are adjacent to the proposed site and will be used to fill the tank.*

# Agenda Item 15A:

## Moapa Valley Water District

### Warm Springs Tank

<b>Estimated Project Cost</b> <b>\$3,737,200.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Moapa Valley Water District for a capital improvement project to install a Warm Springs Tank.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
51%	G15A-0825	Grant Funds

Cap Grant (51%)	Matching Funds	Total Cost	Matching Funds Source
\$1,905,972.00	\$1,831,228.00	<b>\$3,737,200.00</b>	DWSRF Loan

# Agenda Item 15B:

## Moapa Valley Water District

### Water System Capital Improvement Plan

**\$63,900 Est. Project Cost – Capital Improvement Grant 36%**

- Water System Capital Improvements Plan serves as a guidance document containing:
  - Critical information relative to the current and future system needs
- Updating the plan is needed for the value of an objective review of the system and its ability to serve existing and future water demands

*The updated Capital Improvement Plan will include: Reviewing pertinent information, data, existing conditions and future goals of the water district; preparing a report / study that addresses the growth analysis within the water district and lists the system's demands, and reviews and analyzes the system's source, treatment, storage and distribution capacities and water rights; performing network hydraulic modeling of the system to evaluate system performance under key usage scenarios; creating a report that analyzes where system improvements are needed with associated costs and priorities; updating the drought resilience plan to include more practical implementations for drought mitigation.*

# Agenda Item 15B:

## Moapa Valley Water District

### Water System Capital Improvement Plan

<b>Estimated Project Cost</b> <b>\$63,900.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Moapa Valley Water District for a capital improvement project to update their Water System Capital Improvements Plan.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
36%	G15B-0825	Grant Funds

Cap Grant (36%)	Matching Funds	Total Cost	Matching Funds Source
\$23,004.00	\$40,486.00	<b>\$63,490.00</b>	Local Funds



# Agenda Item 15C:

## Moapa Valley Water District

### Asterra Satellite Leak Detection Subscription

**\$121,095 Est. Project Cost – Capital Improvement Grant 36%**

- The District's method of meter data tracking lacks the sophistication to detect faulty meters
  - Results in significant losses in water supply and revenue, estimated at 26%
- Moapa Valley has applied for subscription to the Asterra Leak Detection 12-month Program which will provide location, verification, and marking of leaks along the water main and service lines within the service area.
- Allows district to provide more efficient service, prevents contamination, and saves cost

*The Asterra Satellite Leak Detection Program includes a 12-month subscription to Asterra for their satellite leak detection service. Asterra will scan the 200 miles of water main and service lines using a satellite to detect leaks in the system. Once a leak is verified by a technician, the location is marked for repair. A list of verified leak locations will also be provided.*

# Agenda Item 15C:

## Moapa Valley Water District

### Asterra Satellite Leak Detection Subscription

<b>Estimated Project Cost</b> <b>\$121,095.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Moapa Valley Water District for a capital improvement project for a 12-month program to Asterra for a satellite leak detection service.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
36%	G15C-0825	Grant Funds

Cap Grant (36%)	Matching Funds	Total Cost	Matching Funds Source
\$43,594.20	\$77,500.80	<b>\$121,095.00</b>	Local Funds

# Agenda Item 16A:

## Lincoln County Water District

### Pioche Public Utilities Meter Replacement

**\$519,660.50 Est. Project Cost – Capital Improvement Grant 52%**

- Older meters lose accuracy as they age, and the system is unable to read meters for a few months of the year due to snowpack.
- Existing meters consist of an assortment of mixed meter brands and are manually read by personnel monthly
- Replacing these outdated meters with Badger radio read meters will result in decreased employee workload, increased employee morale, and increased billing accuracy.

*With this project, Lincoln County Water District will replace existing outdated meters with newer Badger radio read meters purchased from a nearby public utility. In addition, the district is seeking separate funding to purchase approximately 37 large size meters ranging from 1.5-inch to 6-inch and associated back flow prevention devices to install on existing unmetered connections.*

# Agenda Item 16A:

## Lincoln County Water District

### Pioche Public Utilities Meter Replacement

<b>Estimated Project Cost</b> <b>\$519,660.50</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Lincoln County Water District for a capital improvement project for Pioche Public Utilities water meter replacement.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
52%	G16A-0825	Grant Funds

Cap Grant (52%)	Matching Funds	Total Cost	Matching Funds Source
\$270,223.46	\$249,437.04	<b>\$519,660.50</b>	DWSRF PF Loan

# Agenda Item 16B:

## Lincoln County Water District

### Pioche Public Utilities Back Up Generators

**\$297,250 Est. Project Cost – Capital Improvements Grant 52%**

- Pioche Public Utilities obtains their power through transmission lines approximately 100 miles away
- In the event of a wildfire or other natural disaster at any point across this distance, the system would be unable to provide drinking water due to a lack of a back-up power source.

*Lincoln County Water District is seeking funding to purchase and install two (2) back-up generators and parts. One generator will be connected to two (2) wells, and the other will be connected to a booster pump. This will allow the system to continue to pump drinking water to the community of Pioche in the event of a power outage.*

# Agenda Item 16B:

## Lincoln County Water District

### Pioche Public Utilities Backup Generators

<b>Estimated Project Cost</b> <b>\$297,250.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Lincoln County Water District for a capital improvement project to purchase and install backup generators for Pioche Public Utilities.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
52%	G16B-0825	Grant Funds

Cap Grant (52%)	Matching Funds	Total Cost	Matching Funds Source
\$154,570.00	\$142,680.00	<b>\$297,250.00</b>	DWSRF PF Loan

# Agenda Item 17: City of Reno

## Rivermount Neighborhood Septic to Sewer

**\$7,936,250 Est. Project Cost – Capital Improvements Grant 39%**

- Rivermount Neighborhood was annexed from the county to City of Reno in 1999.
- Homes were built in the 1950's with average age of associated septic systems at 60-70 years –far exceeding the useful lifespan of 20-30 years.
- System failures cause human health hazards and can contaminate the groundwater table, releasing harmful bacteria, viruses, and pathogens into the environment.
- There are concerns of septic leachate containing nitrates and other contaminants entering groundwater or drainages leading to the Truckee River and two nearby TMWA municipal wells.
- This project would lessen the financial burden on homeowners by bringing sewer infrastructure to the property line – enabling homeowners to connect to the City Sewer.

*This project will be included into the confirmed City of Reno 2026 and 2027 Neighborhood Street Improvement Program. The City plans to incorporate sewer infrastructure with street rehabilitation, sidewalks, stormwater improvements, and pedestrian connectivity. Conversion to the municipal sewer system will provide this neighborhood and the community with a reliable and sustainable solution for public health, groundwater protection, and homeowner expenses.*

# Agenda Item 17: City of Reno

## Rivermount Neighborhood Septic to Sewer

<b>Estimated Project Cost</b> <b>\$ 7,936,250.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund the City of Reno for a capital improvement project for the Rivermount Neighborhood Septic to Sewer Conversion.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
39%	G17-0825	Grant Funds

Cap Grant (39%)	Matching Funds	Total Cost	Matching Funds Source
\$3,095,137.50	\$4,841,112.50	\$7,935,250.00	Local Funds



# Agenda Item 18: Silver Springs GID Wastewater Treatment Plant Recycled Water Filter Rehabilitation

**\$972,000 Est. Project Cost – Capital Improvement Grant 61%**

- The system's wastewater treatment filters have experienced wear and tear leading to operational inefficiencies such as media loss, increased effluent turbidity, and reduced treatment effectiveness.
- Lack of communication with SCADA further complicates monitoring and control, requiring manual operation and inspection.
- An assessment and evaluation by AtkinsRealis recommended replacing the entire filtration system

*Project replacement of the Gravisand Traveling Bridge Filter System will include rebuilding existing filters and replacing all mechanical and electrical components, instruments, and filter media.*

# Agenda Item 18:

## Silver Springs GID

### Wastewater Treatment Plant Recycled Water Filter Rehabilitation

<b>Estimated Project Cost</b> <b>\$972,000.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Silver Springs General Improvement District for a capital improvement project for their wastewater treatment plant recycled water filter rehabilitation.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
61%	G18-0825	Grant Funds

Cap Grant (61%)	Matching Funds	Total Cost	Matching Funds Source
\$592,920.00	\$379,080.00	<b>\$972,000.00</b>	Local Funds

# Agenda Item 19: Sun Valley GID

## Water System Improvements

**\$9,242,820 Est. Project Cost – Capital Improvement Grant 50%**

The system needs meter replacement, re-coating of the Klondike Storage Tank, a new main pump station, and rehabilitation for the *2nd Avenue* and *Boundary to Central Zone* pressure regulating valves.

*Sun Valley GID projects identified in their Water System Master Plan and included herein:*

- 1. Meter Replacement – the system has approximately 6,000 meters that have reached their service lifespan and now need replacement.*
- 2. Water Tank Storage Re-coat – The 2 million-gallon Klondike Storage Tank was identified as needing a re-coat in 2016 – with interior and roof showing 60% corrosion.*
- 3. New Main Pump Station – crucial, as it provides water from TMWA's wholesale connection*
- 4. 2nd Avenue Pressure Regulating Valve (PRV) Rehabilitation and Sun Valley Blvd Main replacement*
- 5. Boundary to Central Zone PRV – New PRV facility is necessary to allow for redundancy and efficiency*

# Agenda Item 19: Sun Valley GID

## Water System Improvements

<b>Estimated Project Cost</b> <b>\$9,242,820.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Sun Valley General Improvement District for a capital improvement project for water system improvements.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
50%	G19-0825	Grant Funds

Cap Grant (50%)	Matching Funds	Total Cost	Matching Funds Source
\$4,621,410.00	\$4,621,410.00	<b>\$9,242,820.00</b>	Local Funds

# Agenda Item 20A:

## Virgin Valley Water District

### Freeway Tank Crossing Construction

**\$1,572,000 Est. Project Cost – Capital Improvement Grant 47%**

- Replaces aging water lines prone to leaking
- Re-routes tank connection into the system through publicly owned right-of-way rather than through private property
- Replacing this aging infrastructure will improve the system's reliability and help the district reach their water conservation goals

*The project includes lines crossing the freeway as well as the line between Old Mill and the freeway. These lines are part of the original water system installed at Virgin Valley Water System's inception. This project will bore under the freeway to install new lines, abandon the existing line, and replace the line to the Freeway Tank.*

# Agenda Item 20A: Virgin Valley Water District Freeway Tank Crossing Construction

<b>Estimated Project Cost</b> <b>\$1,572,000.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Virgin Valley Water District for a capital improvement project for Freeway Tank Freeway Crossing Construction Phase.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
47%	G20A-0825	Grant Funds

Cap Grant (47%)	Matching Funds	Total Cost	Matching Funds Source
\$738,840.00	\$833,160.00	\$1,572,000.00	Local Funds

# Agenda Item 20B:

## Virgin Valley Water District

### Falcon Ridge Master Meters Design

**\$62,600 Est. Project Cost – Capital Improvement Grant 47%**

- Falcon Ridge is a subdivision within the Virgin Valley Water District.
- Master meters are needed to determine the precise location of leaks to prevent loss of water.
- Leakage amounts are increasing year after year as infrastructure continues to age.
- Installing these meters will help the district meet their water conservation goals.
- Additionally, meters will be in place should the district decide to combine subdivision individual meters to the public right-of-way in the future .

*This project proposes design only for six (6) Falcon Ridge Master Meter placements in strategic locations around the subdivision that will monitor water usage and audit individual meter outputs of subdivision users.*

# Agenda Item 20B:

## Virgin Valley Water District

### Falcon Ridge Master Meters Design

<b>Estimated Project Cost</b> <b>\$62,600.00</b>	<b>Recommendation</b> The Nevada Division of Environmental Protection (NDEP) recommends that the Board for Financing Water Projects (Board) approve a Letter of Intent to fund Virgin Valley Water District for a capital improvement project for the design phase of Falcon Ridge Master Meters.	
<b>Grant Percent</b>	<b>Resolution</b>	<b>Program and Terms</b>
47%	G20B-0825	Grant Funds

Cap Grant (47%)	Matching Funds	Total Cost	Matching Funds Source
\$29,422.00	\$33,178.00	<b>\$62,600.00</b>	Local Funds



# Agenda Item 21: Board Comments

# Agenda Item 22: Public Comments

Those wishing to make public comment that are participating remotely may do so by calling in (775) 321-6111 and using meeting extension 963 886 598#, or by raising your hand through the TEAMS module so the moderator may call on you.

Members of the public will be invited to speak before the board; however, no action may be taken on a matter during public comment until the matter itself has been included on an agenda as an item for possible action. Public comment may be limited to three (3) minutes per person at the discretion of the chair. Additional comments may be submitted to the board for inclusion in the minutes.

# Future Board Meetings

Status	Date of Meeting	Loan Applications Due Date
<b>Completed</b>	<b>Wednesday, August 20, 2025</b>	<b>Thursday, July 3, 2025</b>
<b>Confirmed</b>	<b>Wednesday, November 19, 2025</b>	<b>Friday, October 3, 2025</b>
<b>Proposed</b>	<b>Wednesday, February 18, 2026</b>	<b>Friday, January 2, 2026</b>
<b>Proposed</b>	<b>Wednesday, May 20, 2026</b>	<b>Friday, April 3, 2026</b>
<b>Proposed</b>	<b>Wednesday, August 19, 2026</b>	<b>Friday, July 3, 2026</b>
<b>Proposed</b>	<b>Wednesday, November 18, 2026</b>	<b>Friday, October 2, 2026</b>