Board for Financing Water Projects

January 20, 2021
10:00 AM
To be held Virtually
Lifesize: https://call.lifesizecloud.com/4155018
Skype for Business: https://skype.lifesizecloud.com/4155018
Call in from Mobile/Phone (audio only): United States: +1 (877) 422-8614
Meeting extension: 4155018#
This meeting will not be broadcast over the Internet.
Drinking Water funding update  
as of January 4, 2021

<table>
<thead>
<tr>
<th>Cash in fund</th>
<th>$67,760,147.52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Committed funds not yet disbursed</td>
<td>$20,730,214.37</td>
</tr>
<tr>
<td>Add commitments for Board consideration</td>
<td>$20,019,493.00</td>
</tr>
<tr>
<td><strong>Total committed funds after Board approval</strong></td>
<td><strong>$40,749,707.37</strong></td>
</tr>
<tr>
<td><strong>Lowest cash flow balance in three (3) years</strong></td>
<td><strong>$58,376,415</strong></td>
</tr>
</tbody>
</table>
### Drinking Water funding update

*as of January 4, 2021*

<table>
<thead>
<tr>
<th></th>
<th>Jan 2021 to June 2021</th>
<th>July 2021 to June 2022</th>
<th>July 2022 to June 2023</th>
<th>July 2023 to Dec 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash balance forward</td>
<td>$60,411,017</td>
<td>$58,376,415</td>
<td>$59,815,049</td>
<td>$71,309,108</td>
</tr>
<tr>
<td>Receipts from grants awarded</td>
<td>$0</td>
<td>$10,334,770</td>
<td>Not forecasted</td>
<td>Not forecasted</td>
</tr>
<tr>
<td>Receipts from bonds issued</td>
<td>$0</td>
<td>Not forecasted</td>
<td>Not forecasted</td>
<td>Not forecasted</td>
</tr>
<tr>
<td>Receipts from treasurer’s Interest¹</td>
<td>$1,029,187</td>
<td>$628,381</td>
<td>$634,111</td>
<td>$369,462</td>
</tr>
<tr>
<td>Receipts of loan principal</td>
<td>$6,404,100</td>
<td>$13,381,110</td>
<td>$13,777,017</td>
<td>$6,668,035</td>
</tr>
<tr>
<td>Receipts of loan interest</td>
<td>$2,054,379</td>
<td>$3,919,960</td>
<td>$3,574,539</td>
<td>$1,654,439</td>
</tr>
<tr>
<td>Payments for debt service</td>
<td>($332,338)</td>
<td>($3,044,538)</td>
<td>($2,958,938)</td>
<td>($2,727,200)</td>
</tr>
<tr>
<td>Payments to loan recipients</td>
<td>($10,473,783)</td>
<td>($24,414,322)</td>
<td>($4,176,825)</td>
<td>($150,000)</td>
</tr>
<tr>
<td>Cash balance forward</td>
<td>$58,376,415</td>
<td>$59,815,049</td>
<td>$71,309,108</td>
<td>$77,886,773</td>
</tr>
</tbody>
</table>

¹ Estimate only for planning purposes. All numbers are subject to change.

² Estimated at 1% A.P.R. on undisbursed cash in the fund. Subject to change.

³ Values contain planned loans not yet presented to the Board for Financing Water Projects for funding.
**Drinking Water funding update**

*as of January 4, 2021*

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current funds to obligate for principal forgiveness loans</td>
<td>$3,883,261.78</td>
</tr>
<tr>
<td>Less projects for board consideration</td>
<td>$3,295,493</td>
</tr>
<tr>
<td>Remaining funds to obligate for principal forgiveness loans</td>
<td>$587,768.78</td>
</tr>
<tr>
<td>Pending 2021 Grant (estimated allotment)</td>
<td>$2,552,800</td>
</tr>
<tr>
<td>Total Principal Forgiveness Funds</td>
<td>$3,140,568.78</td>
</tr>
</tbody>
</table>
## Capital Improvements Grant Funding Update

**as of January 4, 2021**

<table>
<thead>
<tr>
<th><strong>Current Cash</strong></th>
<th><strong>$2,799,384.39</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reserved for Administration</td>
<td><strong>$15,496.11</strong></td>
</tr>
<tr>
<td>Committed funds not yet disbursed</td>
<td><strong>$1,267,395.15</strong></td>
</tr>
<tr>
<td>Projects for Consideration:</td>
<td><strong>$1,193,026.00</strong></td>
</tr>
<tr>
<td>Un-committed funds:</td>
<td><strong>$343,092.61</strong></td>
</tr>
</tbody>
</table>

### Committed funds not yet disbursed:

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP2001</td>
<td>Lovelock Meadows Water District Storage Tank 1 rehabilitation</td>
<td>$138,923.15</td>
</tr>
<tr>
<td>DP2101</td>
<td>Lovelock Meadows Water District Storage Tank 2 rehabilitation</td>
<td>$487,500.00</td>
</tr>
<tr>
<td>DP2102</td>
<td>Churchill County New well for redundant source requirements</td>
<td>$640,972.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$1,267,395.15</strong></td>
</tr>
</tbody>
</table>

### Projects for consideration:

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8</td>
<td>Alamo Sewer and Water GID Arsenic Treatment</td>
<td>$693,026.00</td>
</tr>
<tr>
<td>#14</td>
<td>Las Vegas Valley Water District (Big Bend) Treatment plant improvements; storage rehabilitation; distribution; electrical controls</td>
<td>$500,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$1,193,026.00</strong></td>
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</tbody>
</table>

### Letter of Intent Submitted:

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pershing County Water Conservation District Rodgers Flume Replacement</td>
<td>$2,160,000</td>
</tr>
</tbody>
</table>
# Capital Improvements Grant funding update

*as of January 4, 2021*

<table>
<thead>
<tr>
<th>Period</th>
<th>Cumulative Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Months</td>
<td>10%</td>
</tr>
<tr>
<td>12 Months</td>
<td>45%</td>
</tr>
<tr>
<td>18 Months</td>
<td>75%</td>
</tr>
<tr>
<td>24 Months</td>
<td>100%</td>
</tr>
</tbody>
</table>

## Arbitrage Rebate:

For construction projects = two-year expenditure requirement for the 2019B Series:

The State Board of Finance shall issue general obligation bonds of the State of Nevada in the face amount of not more than $3,000,000 in the 2019-2021 biennium as provided in NRS 349.986 for the program for providing grants for water conservation and capital improvements to certain water systems.

- Less 2019B Series issued December 10, 2019: $1,500,000
- Less 2020B Series issued November 10, 2020: $1,500,000
- Remaining Authority: $0
## Increased funding for Board-approved loans

### Beatty Water and Sanitation District
- $85,000 approved on June 25, 2019
- PER and ER to address additional and redundant sources of safe drinking water
- Additional work needed to address the State Historic Preservation Office
- Additional $15,000 requested
  - Total Loan commitment: $100,000 principal forgiveness funding

### Truckee Meadows Water Authority (TMWA)
- $100,000 approved on June 20, 2018
- Consolidate Old Forty West Motel into TMWA due to very high arsenic levels in drinking water supply
- Additional review and fees due to evaluations by the Union Pacific Railroad
- Additional $16,000
  - Total Loan commitment: $116,000 principal forgiveness funding
**Increased funding for Board-approved loans**

**Mount Rose Bowl Property Owners’ Water Company**

- $500,000 approved on April 17, 2019
- Source water treatment for lead and copper exceedances
- New storage tank
- Increase in iron levels in the source water since project started compelled new designs and additional costs for permits
- Additional $25,000 requested
  - Total Loan commitment: $525,000 principal forgiveness funding
Project #8A
Gold Country Water Company, Inc.,
PER & ER
Nitrate Mitigation Need
Gold Country PWS – general service area
Humboldt County
Gold Country Water Company, Inc.

Privately Owned Community PWS
Gold Country water system
- 425 total connections (950 residents)

Priority list Rank #1

- 2 GWs, one domestic and one fire well
- Intertie with Star City and also Winnemucca Airport Water System.
- Over 2000 AFY with one of the wells mainly used for irrigation supply
- 6” - 12” pipes
- 285k storage tank
- No outstanding SDWA compliance issues
- Water Conservation Plan - 2015

PER/ER to explore options to address increasing nitrate levels in the current source water
- Sustainable long-term solutions
  - Alternative options
  - Consolidations
  - New infrastructure

- Motivated Management
- Has been closely monitoring the water quality and analyzing for TN trends for a while. Well 1 exceeded MCL in 2011, Well 2 above 7 ppm and trending upwards
Preliminary determination for ER needs for water project:

- No ground disturbance anticipated
- To address impending acute water quality issue;
- Assure sustainable safe drinking water supply

Feasibility:

- Engineer’s estimated cost $44k ;
- No outstanding compliance issues;
- Experienced management;
- Working Closely with Humboldt County
- No new technical capacity required;

Ready to proceed

- January 2021 – July 2021
$37,400 Principal Forgiveness Loan
$6,600 local match
$44,000 Project cost

Preparation of a PER and ER is eligible for principal forgiveness funding up to $100,000. A 15% match is required.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations and maintenance.
- Rates are regulated by the Public Utilities Commission of Nevada.
Project #8B

Cottonwood Mobile Home Park, Inc.
PWS repair and rehabilitation
Cottonwood MHP, Carson City
Carson City
Cottonwood Mobile Home Park

Privately owned Community PWS
- 91 total connections (151 residents)
- 3 GW wells – 37.79 AFY
- No water meters
- Very Old Pipes (4,500 ‘)
- 2”-4” pipes do not meet current NAC
- No current infrastructure for emergency drinking water supply
- No outstanding SDWA compliance issues
- Priority list Rank #84

PER/ER to explore options to rehabilitate ageing infrastructure

Needs an emergency water connection with Carson City PWS

- Motivated HOA Board
- Has been doing groundwork for few years
- Ready for PER/ER
Preliminary determination for ER needs for subsequent water project:

- Old pipes >50 years old;
- FONSI eligible

- To improve water conservation;
- Community preparedness for uninterrupted supply of drinking water during

TMF

- Engineer’s estimated cost $28.5k
- No outstanding compliance issues;
- No new technical capacity required

Ready to Start & estimates 6 months to complete
PER/ER Preparation of a PER and ER is eligible for principal forgiveness funding up to $100,000. A 15% match is required.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations and maintenance.
Project #9
Alamo Sewer Water GID
Arsenic Treatment Facility
Alamo Sewer and Water GID, Lincoln County
Lincoln County
Alamo Public Water System

Publicly Owned Community PWS
- 304 total connections (1000 residents)
Priority list Rank #72

- Sandhill Well is the only viable current source
- Alamo Industrial Park Well, 6 others, high manganese
- Preliminary Engineering Study (2018) and PER (2019/20)
- Pilot Study in 2020
- 465 k storage tank (5-10 years remaining life)
- 5 minimally significant deficiencies (2019 - BSDW)
- Corrected in 2019 but became non-source soon as water levels receded

- Arsenic Treatment Facility
- Practical solution for community
- Meets community preferences to minimize chemical handling & associated risks
- Concerns over project cost estimates for prior alternative ($1,430 k)

- Motivated Community
- GID has been doing groundwork for a while
- Pilot study
- July 2020 –Board approved SRF loan application
Alamo Sewer and Water GID (NV0000005)

Arsenic Treatment Using Adsorptive Media

Preliminary determination for ER needs for water project:

- No new or significant ground disturbance & work within current facility premises
- Potentially CATEX eligible
- Safe drinking water meeting community reservations against Chlorination
- Engineer’s estimated cost $1,706,960
- Looked at Ion Exchange and Oxidation coagulation/filtration technology
- Proposed project addresses concerns of ability to sustainably operate PWS
- Management experienced with SRF projects
- No new technical & managerial capacity required;

Ready to proceed

- Design: February 2021
- Bids March; Done by October 2022
Alamo Sewer and Water GID

Arsenic Treatment Using Adsorptive Media

$1,000,000 Principal Forgiveness Loan
$693,026 Capital Improvement Grant
$13,934 local match
$1,706,960 Project cost

System is addressing a chronic health condition with this project and therefore, eligible to receive up to $1,000,000 in principal forgiveness funding.

System is eligible to receive up to 40.6% of the total project costs as grant funds per the Board’s current policy.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations and maintenance.
Project #10

Las Vegas Valley Water District, Big Bend Water District
Systemwide Upgrades
Las Vegas Valley Water District
Big Bend

Publicly Owned Community PWS, part of Big Bend Water District/GID
Town of Ruth
• 2,188 total connections/2,300 customer accounts (9,000 population)

Priority list Rank #14

• More than 60 miles distribution pipelines
• 6 pumping stations
• Five water storage reservoirs
• All water supplied is sourced from Colorado River using River Intake Facility

• ICCP system or raw water intake structure & bond raw water pipeline for cathodic protection;
• Rehabilitate 1130 zone water tank
• HVAC replacement for ozone generator room
• Upgrade pumping station motor control centers and appurtenances

• Long pending project
• Feasible project to be able to avail SRF funding support within LVVWD

• Engaged and motivated Community
• Extensive planning and BPT based project selection
• 2017 – 9-member Citizen advisory Committee authorized to propose projects & December 2017 Board adopted recommendations to seek SRF loan /funding support
Preliminary determination for ER needs for water project:

- No new ground disturbance & work at existing facility premises or easements
- CATEX eligible
- Helps reestablish Ruth PWS Capacity & self-sustainable goals for the community
- Engineer’s estimated cost $1,500,000;
- Fair attempts to consider reasonable alternatives;
- No outstanding compliance issues;
- Management experienced with SRF projects
- No new technical & managerial capacity required;

Ready to proceed

- Design: January 2021
- Work tentatively will complete by April 2022
Las Vegas Valley Water District (Big Bend)

System-wide Rehabilitation Works

$1,000,000 Principal Forgiveness Loan
$500,000 Capital Improvement Grant
$1,500,000 Project cost

System is designated disadvantaged and therefore, qualifies for up to $1,000,000 in principal forgiveness funding.

System is eligible to receive up to 71% of the total project costs as grant funds per the Board’s current policy.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations, maintenance, debt service and reserve requirements.
Project #11

Douglas County
Cave Rock Skyland PWS
Systemwide upgrades
Douglas County
Cave Rock - Skyland Public Water System

Publicly Owned Community PWS
• 2,800 population served
• 1,085 service connections

Priority list Rank #21

• Lake Intake
• Preliminary Engineering Study (2017 onwards)
• 750 gpm As treatment plant
• 3-storage tanks (198k Lower Cave Rock, 216k Upper Cave Rock, and 850 k Skyland tank)
• Two significant deficiencies identified in 2015 (water intake and distribution system)
• 2008 water conservation plan and 2015 Master Plan
• TRPA

• Replace 15,500’ pipeline
• Water Treatment Plant Redundancy
• Modify Lake Intake

• Careful consideration and prioritization
• Value Engineering CMAR & 3 GMPs

• Motivated Community
• County planning March 2017 onwards
• Board approved SRF loan application & Debt Management Commission Met in December as well
Cave Rock Skyland Water Treatment Plant
Lincoln Highway Pipeline Replacement
Cave Rock Pipeline Replacement
CAVE ROCK WATER SYSTEM
WATER INTAKE PUMP STATION

WORK CONFINED TO INSIDE PUMP STATION
AND SUBMERGED INTAKE LINE
Preliminary determination for ER needs for water project:

- No known cultural and historic resources of concern within APE
- TRPA
- FONSI eligible
- Addresses high priority projects
- Balancing resources and needs
- Engineer’s estimated cost $18,000,000
- Proposed project addresses concerns over ability to sustainably operate PWS long-term;
- Management experienced with SRF projects
- No new technical & managerial capacity required;

Ready to proceed

- Design: 2020-21
- First Contract -2021;
- Initiation of operations by 2021

Douglas County (NV0000259)

Cave Rock Skyland Water Service Area
3-phase systemwide upgrades
Estimated Project Schedule

CMAR & 3 GMP packages

**Design:** October 2020 to December 2021

**Contract Award:** February 2021 to March 2022

**Construction Start:** February 2021 to March 2022

Construction Complete/Initiation of Operations - November 2021 to September 2023
Douglas County

Cave Rock
Skyland Water Service Area
3-phase systemwide upgrades

$16,250,000 Traditional 20-year Loan
$250,000 Principal Forgiveness Loan
$1,000,000 Local funding
$500,000 U.S. Forest Service Grant
$18,000,000 Project cost

System is seeking a traditional loan of more than $2 million, has submitted a complete application and is ready to proceed.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations, maintenance, debt service and reserve requirements.
Project #12
Gerlach GID
Transmission line
Appurtenances
Rehabilitation
Washoe County
Gerlach GID Public Water System

Publicly Owned Community PWS, part of Gerlach GID
• 151 total connections (120 residents)
• Water meters are 20 years old

Priority list Rank #56
• 2 Mountain Springs & 3 Spring Vaults to collect water
• 3 Storage Tanks (105k, 150k, & 300k)
• Water Conservation Plan in 2014
• No significant deficiencies (BSDW 2015)
• Corrected in 2019 but became non-source soon as water levels receded

• Replace Pressure relief valve system
• Several gate valves, rebuild two pressure reducing valves
• Install electrical service to building that houses pressure relief system
• Long pending project
• No action alternative is not feasible

• Motivated Community
• July 2020 –Board of Trustees letter supporting SRF loan application
• Gerlach PW Supervisor is authorized to sign
Preliminary determination for ER needs for water project:

- No new ground disturbance & work within or along existing pipeline
  - Potentially eligible for CATEX
  - Helps improve capacity
  - Facilitates emergency shutdown during emergencies
  - Monitor inline water quality and flow
  - Engineer’s estimated cost $145,000;
  - No reasonable scope for alternatives ;
  - No outstanding compliance issues;
  - Management experienced with SRF projects
  - No new technical & managerial capacity required;

Ready to proceed
- Contract: March 2021
- Work tentatively will complete by July 2022

Gerlach GID (NV0000071)
Transmission Line Appurtenances & Rehabilitation
$128,000 Principal Forgiveness Loan
$17,000 Local funding
$145,000 Project cost

System is designated disadvantaged and therefore, qualifies for up to $1,000,000 in principal forgiveness funding.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations, maintenance, debt service and reserve requirements.
Project #13
McGill Ruth Consolidated
Sewer & Water GID
Ruth Storage Tank Repairs
Town of Ruth – White Pine County
White Pine County
McGill Ruth Public Water System

Publicly Owned Community PWS, part of GID Town of Ruth
• 285 total connections (440 residents)

Priority list Rank #72

• 2 Springs operated by McGill and 18-mile pipeline belongs to Ruth
• Currently buys water from City of Ely
• Ely Intertie – 7-mile pipeline from Murray Canyon
• Water Conservation Plan in 2011
• Needs redundant water supply (BSDW 2013)
• Corrected in 2019 but became non-source soon as water levels receded

• Replace Corroded Steel in the Tank;
• Add a Water Circulator;
• Sandblast & repaint the tank
• Reestablish independent Ruth PWS Capacity & Reduce Costs
• This is the missing piece to go with the current ongoing new water source exploration efforts also funded by SRF Board

• Motivated Community
• GID has been doing groundwork for a while
• Modified and renewed lease with Robinson Mine – March 2020
• July 2020 – Board approved SRF loan application
Preliminary determination for ER needs for water project:

- No ground disturbance & work at existing Ruth Tank
- CATEX eligible

Helps reestablish Ruth PWS Capacity & self-sustainable goals for the community

- Engineer’s estimated cost $543,750;
- repair needs have no reasonable alternatives;
- No outstanding compliance issues;
- Management experienced with SRF projects
- No new technical & managerial capacity required;

Ready to proceed

- Contract: February 2021
- Work tentatively will complete by February 2022
McGill-Ruth Consolidated Sewer & Water GID

Ruth Storage Tank Rehabilitation

$433,750 Principal Forgiveness Loan
$110,000 Local funding
$543,750 Project cost

System qualified for principal forgiveness funding based on Ruth’s economic conditions and the project addressing their only source of storage.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations, maintenance, debt service and reserve requirements.
Project #14
Esmeralda County

Town of Goldfield & Silver Peak –
Esmeralda County – Systemwide
Radio Read Meter Installations
Silver Peak and Goldfield,
Esmeralda County, NV
Esmeralda County
Goldfield & Silver Peak Water Systems

Publicly Owned Community PWSs

Goldfield water system
- 315 total connections (375 residents)
- Water meters are 20 years old

Silver Peak water system
- 108 total connections (111 residents)
- Water meters are 20 years old

Priority list Rank #63 and #77
- 2 GW wells each – 300 AFY each
- 4”-8” PVC
- BSDW notes lack of secondary containment for chlorine tank for Silver Peak PWS
- Permits were issued in July 2020

- Needs 450 meters for radio read;
- Software and hardware to maintain;
- Training

- Ease and safe operations
- Better water auditing leads to Water Conservation & Reduce costs
- Current estimates ->meters lost accuracy by 20%

- Motivated Board
- Has been doing groundwork for a while
- Currently adopting water use regulations
Preliminary determination for ER needs for water project:

- No ground disturbance & work at existing meter boards
- CATEX eligible

- To improve water conservation;
- Improved worker safety and efficiency of data collection
- Reduced costs

- Engineer’s estimated cost $366,118;
- No outstanding compliance issues;
- Current workforce to install and minimal need for new hires;
- No new technical capacity required;

Ready to proceed

- Contract: August 2021
- Work to start in September 2021
$366,118 Principal Forgiveness Loan
$366,118 Project cost

System is designated disadvantaged and therefore, qualifies for up to $1,000,000 in principal forgiveness funding.

- Financial information provided demonstrates financial capacity for the system
- System is generating enough revenue to cover operations, maintenance, debt service and reserve requirements.
Scale to determine Grant Amount
NRS 349.983(3)

- The Board shall develop a scale to be used to determine that amount, but the recipient must not be required to provide an amount less than 15 percent or more than 75 percent of the total cost of the project for which the grant is awarded.

- The scale must be based upon the average household income of the customers of the recipient,

- And provide adjustments for the demonstrated economic hardship of those customers,

- the existence of an imminent risk to public health,

- and any other factor that the Board determines to be relevant.
No recommended changes

<table>
<thead>
<tr>
<th>Project Need</th>
<th>Possible Points</th>
<th>Community Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health concern per current Drinking Water State Revolving Fund Loan (SRF) priority list.</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Chronic health concern per current SRF priority list.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>System condition per current SRF priority list.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Project Points</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Persons Regularly Served per Bureau of Safe Drinking Water Information System</th>
<th>Possible Points</th>
<th>Community Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fewer than 500</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>500 - 999</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>1000 - 1999</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>2000 - 3999</td>
<td>4</td>
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<tr>
<td>4000 - 5999</td>
<td>2</td>
<td></td>
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<tr>
<td>6000 and above</td>
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</tr>
<tr>
<td>Project Points</td>
<td>0</td>
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## Recommended Updates

### Community Need for State Assistance

<table>
<thead>
<tr>
<th>State Mean Household Income/Public Water Supply Mean Household Income, recent income survey or most recent US census:</th>
<th>Possible Points</th>
<th>Community Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.75 or more (very low income)</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>1.60 – 1.74</td>
<td>50</td>
<td></td>
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<tr>
<td>1.45 – 1.59</td>
<td>30</td>
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<tr>
<td>1.30 – 1.44</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>1.15 – 1.29</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1.00 – 1.14</td>
<td>0</td>
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</tr>
<tr>
<td>Project Points</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Average = Mean household income (2019 ACS Nevada: $77,319)

Middle = Median household income (2019 ACS Nevada: $57,598)
# Recommended Updates

<table>
<thead>
<tr>
<th>Adopted Sufficient Residential Water Rate</th>
<th>Possible Points</th>
<th>Community Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sufficient rate is below 1.5% of the communities Median Household Income</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Sufficient rate is 1.5% to 2.0% of the communities Median Household Income</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Sufficient rate is above 2.0% of the communities Median Household Income</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Project Points</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

- Remove Property Tax Rate. Allocate points to monthly residential water rate.
- Gives more points to a system that has a high sufficient rate.
Recommended Updates

<table>
<thead>
<tr>
<th>Other Factors</th>
<th>Possible Points</th>
<th>Community Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved, up-to-date Operations and Maintenance Manuals, Cross-Connection Control Plans, and Emergency Response Plans</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Approved, up-to-date Water Conservation Plan</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Approved, up-to-date source water protection program in place</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Asset management plan and/or fiscal sustainability plan in place and updated within the last five (5) years</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Applicant has obtained alternate funding up to the maximum extent possible</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Project Points</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

- Removes project management and system funding requirements.
- Encourages pre-planning and responsible operations.
## Recommended Updates

<table>
<thead>
<tr>
<th>Deductions</th>
<th>Possible Points</th>
<th>Community Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicant has not committed to adequately funding a capital replacement fund</td>
<td>-30</td>
<td></td>
</tr>
<tr>
<td>Second home/vacation homes account for &gt;30% of connections</td>
<td>-30</td>
<td></td>
</tr>
<tr>
<td>Applicant did not demonstrate adequate project management or project oversight on prior grant that reduced project delays and cost over-runs.</td>
<td>-25</td>
<td></td>
</tr>
<tr>
<td>Applicant failed to timely submit required financial reports, draw requests, and progress reports for prior grant project</td>
<td>-10</td>
<td></td>
</tr>
<tr>
<td>Opportunity for local or alternate funding not utilized</td>
<td>-30</td>
<td></td>
</tr>
<tr>
<td>Project Points</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

- “at or above” State median household income removed
<table>
<thead>
<tr>
<th>County Location</th>
<th>Population Served</th>
<th>Mean Household Income</th>
<th>Median Household Income</th>
<th>Project Cost Estimate</th>
<th>Existing Scale</th>
<th>Revised Scale</th>
<th>Effect of Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Pine</td>
<td>700</td>
<td>56,245.00</td>
<td>66,818.00</td>
<td>$1,000,000.00</td>
<td>55%  $550,000.00</td>
<td>55%  $550,000.00</td>
<td>0.0%  $0.00</td>
</tr>
<tr>
<td>Churchill</td>
<td>750</td>
<td>65,350.00</td>
<td>51,514.00</td>
<td>$1,000,000.00</td>
<td>49%  $490,000.00</td>
<td>52%  $522,000.00</td>
<td>3.2%  $32,000.00</td>
</tr>
<tr>
<td>Lincoln</td>
<td>900</td>
<td>55,234.00</td>
<td>56,875.00</td>
<td>$1,000,000.00</td>
<td>41%  $406,000.00</td>
<td>38%  $382,000.00</td>
<td>-2.4% $-24,000.00</td>
</tr>
<tr>
<td>Pershing</td>
<td>5,278</td>
<td>50,417.00</td>
<td>41,696.00</td>
<td>$1,000,000.00</td>
<td>60%  $598,000.00</td>
<td>55%  $550,000.00</td>
<td>-4.8% $-48,000.00</td>
</tr>
<tr>
<td>Clark</td>
<td>9,300</td>
<td>44,783.00</td>
<td>33,851.00</td>
<td>$1,000,000.00</td>
<td>71%  $714,000.00</td>
<td>74%  $742,000.00</td>
<td>2.8%  $28,000.00</td>
</tr>
</tbody>
</table>

Nevada

77,319.00  57,598.00