



Drinking Water State Revolving Fund

DRAFT

**Intended Use Plan
State Fiscal Year 2021**

Amended

Submitted to the
U.S. Environmental Protection Agency
Region IX

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List of Acronyms

AB - Assembly Bill
ARRA - American Recovery and Reinvestment Act of 2009
BFWP - Board for Financing Water Projects
BSDW - Bureau of Safe Drinking Water
BWPC - Bureau of Water Pollution Control
CWSRF - Clean Water State Revolving Fund
DWSRF - Drinking Water State Revolving Fund
EPA - Environmental Protection Agency
ETT - Enforcement Targeting Tool
FFY - Federal Fiscal Year
HUD - United States Department of Housing and Urban Development
IUP - Intended Use Plan
MHI - Median Household Income
NAC - Nevada Administrative Code
NDEP - Nevada Division of Environmental Protection
NIMS - National Information Management System
NRS - Nevada Revised Statute
NvRWA - Nevada Rural Water Association
OFA - Office of Financial Assistance
PBR - Projects and Benefits Reporting
PWS - Public Water System
PWSS - Public Water System Supervision
RCAC - Rural Community Assistance Corporation
SB - Nevada State Senate Bill
SDWA - Safe Drinking Water Act of 1996, as amended
SDWIS - Safe Drinking Water Information System
SFY - State Fiscal Year
TMF - Technical, Managerial, and Financial (Capacity)
ULO - Unliquidated Obligations
USDA - United State Department of Agriculture
WIIN - Water Infrastructure Improvements for the Nation Act of 2016

Amended Intended Use Plan

The 2021 Drinking Water State Revolving Fund Intended Use Plan was amended to allow for more of the 2021 drinking water capitalization grant to be used for principal forgiveness loans. The 2021 federal appropriation requires 14% of the grant to be distributed as principal forgiveness. Additionally, the Safe Drinking Water Act, as amended, requires 6-35% of the grant be distributed as additional subsidy to disadvantaged communities. Here is an outline for the amendment from the original Intended Use Plan:

Federal Capitalization Grant Award Changes			
	2021 Original IUP	2021 Amended IUP	Change
Total Amount Provided as Subsidy	\$2,717,620	\$6,248,480	\$3,530,860
Mandate to Disadvantaged Communities	\$916,100	\$4,463,200	\$3,547,100
Mandate to qualified entities	\$1,801,520	\$1,785,280	(\$16,240)
Total Amount for Set-asides	\$2,681,455	\$2,681,455	\$0
Amount provided as Loans	\$7,352,925	\$3,822,065	(\$3,530,860)
Total Award	\$12,752,000	\$12,752,000	\$0
Federal Match requirement	\$2,550,400	\$2,550,400	\$0

The following sections are being amended:

- Grant amounts allocated to principal forgiveness projects
- Program Sources and Uses Table
- Attachment C: Fundable List
- Attachment E: Drinking Water Priority List Effective July 2021

All other sections remain the same as the original 2021 Intended Use Plan

1) Introduction

The 1996 Amendments to the Federal Safe Drinking Water Act (SDWA) authorized the creation of the Drinking Water State Revolving Fund (DWSRF). Nevada's program is administered by the Office of Financial Assistance (OFA), under the direction of the Nevada Division of Environmental Protection (NDEP), Department of Conservation and Natural Resources (DCNR). NDEP is the designated agency to apply for the capitalization grant for the DWSRF Program and related state funds. Nevada Revised Statutes (NRS) 445A.200 to 445A.295, inclusive, are the State statutes for the DWSRF. The regulations for the DWSRF can be found in the Nevada Administrative Code (NAC) 445A.6751 to 445A.67644, inclusive.

The SDWA, along with NAC 445A.67575, requires state programs to prepare an annual Intended Use Plan (IUP) for federal funding. The IUP must describe:

- Use of a state's capitalization grant
- State match funds
- Principal and interest from loan repayments
- Other interest earnings of the DWSRF
- Bond proceeds
- Funds designated for administration
- Funds transferred from or to the Clean Water State Revolving Fund (CWSRF)
- Any other monies deposited into the DWSRF

The IUP is the central component of the DWSRF grant application. It communicates plans to stakeholders, who include systems, the public, the U.S. Environmental Protection Agency (EPA), and other State departments. This IUP provides specific details on key aspects of the program, including our State's short- and long-term goals, the priority setting process used to rank projects, and the list of projects eligible to receive funding from DWSRF.

Nevada is expected to receive a federal capitalization grant under the Federal Fiscal Year 2021 Appropriations Bill. The bill requires amounts to be used from the capitalization grant for additional subsidy. Additionally, Nevada is expected to receive a re-allocation of the Federal Fiscal Year 2019 Appropriation Bill. Nevada plans to meet these requirements by requesting the following:

Federal Capitalization Grant Awards			
	2021	2019*	Total
Total Amount Provided as Subsidy	\$6,248,480	\$30,160	\$6,278,640
Mandate to Disadvantaged Communities	\$4,463,200	\$6,960	\$4,470,160
Mandate to qualified entities	\$1,785,280	\$23,200	\$1,808,480
Total Amount for Set-asides	\$2,681,455	\$0	\$2,681,455
2% Small systems technical assistance	\$85,077	\$0	\$85,077
4% Administration	\$320,430	\$0	\$320,430
10% State program management	\$1,266,538	\$0	\$1,266,538
15% Local assistance	\$1,009,410	\$0	\$1,009,410
Amount provided as Loans	\$3,822,065	\$85,840	\$3,907,905
Total Award	\$12,752,000	\$116,000	\$12,868,000
Federal Match requirement	\$2,550,400	\$23,200	\$2,573,600

*Re-allocation of other state capitalization grants

Federal Capitalization Grant Awards		
	2021	2019*
Total Amount Provided as Subsidy	49.00%	26.00%
Mandate to Disadvantaged Communities	35.00%	6.00%
Mandate to qualified entities	14.00%	20.00%
Total Amount for Set-asides	21.04%	0.00%
2% Small systems technical assistance	0.67%	0.00%
4% Administration	2.52%	0.00%
10% State program management	9.93%	0.00%
15% Local assistance	7.92%	0.00%
Amount provided as Loans	29.97%	74.00%
Total Award	100.01%	100.00%

*Re-allocation of other state capitalization grants

2) Goals

Nevada's Short-Term Goals

- Provide financial assistance to recipients outlined on Nevada's 2021 Fundable List (**Attachment C**).
- Ensure compliance with all pertinent federal, state, and local laws and regulations.
- Ensure fiscal soundness and perpetuity in the DWSRF program, which provides below market rate financing for drinking water projects.
- Coordinate with other federal and state funding authorities to ensure systems receive as many resources as possible to fund projects.
- Market the DWSRF program to educate potential borrowers on funding opportunities with the program.
- Award subgrant agreements to nonprofit organizations to provide technical assistance for capacity development in drinking water systems.
- Develop a Nevada Action Plan and evaluate the risk to Nevada's Drinking Water to per- and polyfluoroalkyl substances (PFAS) contamination.
- Provide additional staff support to maximize the use of the multiple funding opportunities for small and disadvantaged communities, allowing Nevada to build PWS capacity.
- Review, analyze and update Nevada's Capacity Development Strategy to include Asset Management Plans.

Nevada's Long-Term Goals

- Continue to assist Nevada's communities fulfill the requirements of the federal SDWA and State regulations through below-market-rate financing for drinking water projects.
- Obtain optimum turnover of the DWSRF fund while maintaining the necessary reserve for debt service that safeguards the program's AAA rating from Standard and Poor's.
- Issue debt obligations as needed so program funds either match federal grants or provide additional resources for projects.
- Enhance long-term sustainability for Nevada's disadvantaged systems by helping develop fiscal sustainability plans, evaluating service goals, calculating sufficient rates to sustain systems, and funding capital reserve accounts.
- Ensure the program budget adequately supports resources and administrative activities, while anticipating future needs.
- Develop a web-based application that will maintain accountability for the DWSRF program and allow electronic interfacing with borrowers.
- Coordinate with USEPA and Region 9 EPA to engage Nevada staff in an Area Wide Optimization Program (AWOP) to address long-term surface water, disinfection byproducts and groundwater treatment compliance.

3) Project Eligibility, Criteria, and Selection

The Nevada DWSRF program can be used to:

- Provide loans at a subsidized interest rate to systems for:
 - Rehabilitating or developing water resources to replace contaminated sources
 - Installing or upgrading facilities to improve water quality
 - Installing or upgrading storage facilities
 - Installing or replacing transmission or distribution assets
 - Consolidating water systems to sustain or enhance capacity
- Refinance qualifying debt obligations for projects if the debt was incurred and construction initiated after March 7, 1985 (OFA will not refinance loans that were solely for the purchase of land)
- Provide loan guarantees for local debt obligations
- Provide additional subsidy to eligible recipients in the form of principal forgiveness

OFA considers the health and safety of the citizens of Nevada its first priority. OFA conservatively estimates the needs of the systems within the State over a two-year fiscal period. The needs of our systems, however, vary widely. Some of our systems are concerned with aging infrastructure, while others are working on attaining water quality standards. OFA accounts for these challenges by having direct dialogue with systems, engineers, technical advisors, and contractors that deal with these systems directly. Nevada is a small enough state by system count that OFA can work with these systems to understand which projects will be most ready to proceed.

Priority list

The first requirement for a system to obtain funding is to be added to the Nevada Project Priority List. [Attachment A](#) outlines the DWSRF project priority list ranking criteria. See [Attachment D](#) for the Priority List effective July 2020 and [Attachment E](#) for the Priority List effective July 2021. A project pre-application can be submitted at any time and obtained on NDEP's website¹.

Capacity assessment

The SDWA requires that a public water system (PWS) applying for a DWSRF loan must show it has the technical, managerial, and financial (TMF) capacity to ensure compliance and system sustainability. If a system does not have adequate capacity, assistance may only be provided if it will ensure the system can acquire adequate capacity. The goal of this requirement is to

¹ <https://ndep.nv.gov/water/financing-infrastructure/state-revolving-fund-loans/how-do-i-apply>

ensure that DWSRF assistance is not used to create or support non-viable systems. NDEP's TMF capacity survey is filled out as part of the DWSRF loan application process – if a system has not gone through a capacity survey in the past five years. OFA can use the TMF capacity survey and will also consider the results of sanitary surveys and the Enforcement Targeting Tool (ETT) score when assessing capacity.

Technical capacity

NRS 445A.847 defines technical capability. DWSRF loan applicants must show that drinking water sources are adequate; that the system's source, treatment, distribution, and storage infrastructure are adequate; and that personnel have the technical knowledge to efficiently operate and maintain the system. As part of reviewing a loan applicant's TMF capacity survey, OFA reviews the system's records to assure that the system is being properly operated and maintained. The water system must not have outstanding water compliance problems, unless the DWSRF project is intended to correct those problems or the system is addressing those problems concurrently with the DWSRF project. The engineering reports, plans, and specifications for the proposed DWSRF-funded project, and the system's technical capacity from the TMF capacity survey, will all be evaluated during the loan application process. The water system must have a qualified water operator in accordance with the State's operator certification program.

Managerial capacity

NRS 445A.827 outlines the definition of managerial capacity. The water system must have personnel with expertise to manage the entire water system's operations. OFA reviews the applicant's managerial capacity from the TMF capacity survey and supporting documentation to assure that management is:

- Involved in the day-to-day supervision of the water system
- Responsive to all regulations
- Available to respond to emergencies
- Capable of identifying and addressing all necessary capital improvements to assure financial viability

Financial capacity

NRS 445A.817 outlines the definition of financial capacity. The applicant must show that the system has sufficient revenues to cover the necessary costs of maintenance, operations, debt service, and reserve requirements, as well as demonstrate credit worthiness and adequate fiscal controls. OFA reviews the applicant's financial capacity from the TMF capacity survey, the project budget, annual financial reports, credit rating agencies, and other financial information to ensure the applicant has adequate financial capacity. Financial ratios are used to analyze the borrower's solvency and liquidity include:

- Current Ratio
- Sales/receivables

- Operating ratio (before depreciation)
- Debt coverage ratio (before depreciation)

OFA assesses whether each water system has a long-term plan to undertake feasible and appropriate changes in operations to develop adequate capacity. In making these assessments, OFA will consult with NDEP's Bureau of Safe Drinking Water (BSDW) and local health departments. OFA will review water resource management strategies, comprehensive studies, the State's response to the Drinking Water Needs survey, and other available engineering reports to help improve the overall capacity of systems requesting assistance. OFA will encourage consolidation efforts when two or more systems can benefit, and encourage other options, such as contract management or partnerships with other communities in their area. The priority ranking criteria provides additional points to encourage this objective.

Public participation

NDEP will conduct a public hearing on the draft priority list to encourage public participation and provide a time for public comment. NDEP will provide notice of the time and place set for the workshop no less than 15 days before the workshop, unless a longer period is required. NDEP may provide notice by mailing the notice to each person on its mailing list, posting on its public notice website, posting on the State's Public Notice website, sending an email through its maintained Listserv, or any other means. The notice will include all the required elements of a public notice, as outlined in the regulations.

NDEP sent out solicitations in May 2020 for the Drinking Water Priority List. A publicly noticed workshop was held on July 15, 2020 at 1:30pm. The Board for Financing Water Projects (BFWP) approved the list at their publicly noticed July 29, 2020 meeting. The Drinking Water Priority List Effective July 2020 went into effect at the board meeting.

NDEP sent out solicitations in April 2021 for the Drinking Water Priority List. A publicly noticed workshop was held on July 7, 2020 at 9:00am. The Board for Financing Water Projects (BFWP) approved the list at their publicly noticed July 27, 2021 meeting. The Drinking Water Priority List Effective July 2021 went into effect at the board meeting.

To ensure that the public has an opportunity to review our proposed plans for the DWSRF, the 2021 draft IUP was posted on NDEP's website² for 30 days before it was finalized. Additional notice of the Draft IUP was emailed to subscribers to NDEP's maintained email subscription service.

This amendment will also be posted on NDEP's website for 30 days before it will be finalized.

² <https://ndep.nv.gov/posts>

4) Set-Aside Activities

The SDWA allows each state to set aside up to 31 percent of its federal capitalization grant to support various drinking water projects. This includes administration costs, technical assistance, state program management, and special activities. The funding request is based on the State's biannual budget.

Small system technical assistance

This set-aside assists small systems serving less than 10,000 people via State personnel or agreements with third party assistance providers. Nevada utilizes technical service providers to assist with:

- Compliance issues and sanitary survey deficiencies
- Cross connection controls
- Emergency assistance
- Water and energy conservation
- Hydraulic modeling
- operation and maintenance manuals
- Digital mapping of system assets
- Budgeting, rate setting, board training, general office, and business training

Small System Technical Assistance Set-Aside 2021	
Maximum Allowed	2.0% or \$255,040
Requested Amount	0.67% or \$85,077
Banked Amount	\$169,963
Small System Technical Assistance Set-Aside 2019	
Maximum Allowed	2.0% or \$2,320
Requested Amount	0.0% or \$0
Banked Amount	\$2,320

Administration

The administration set-aside is used to support salaries and associated expenses of program personnel devoting time to the administration of the DWSRF loan account, contracted financial advisor services, and all equipment and training necessary for the adequate performance of the staff.

The changes to the SDWA from the Water Infrastructure Improvements for the Nation Act of 2016 (WIIN Act) allows states to take up to 4% of the cumulative federal capitalization grant, 1/5 of the current valuation of the fund, or \$400,000 per year to support administration of the program. Nevada has historically requested less than what is authorized to allow more funding for projects.

Administration Set-Aside 2021	
Maximum Allowed	4.0% or \$510,080
Requested Amount	2.52% or \$320,430
Banked Amount	\$189,650
Administration Set-Aside 2019	
Maximum Allowed	4.0% or \$4,640
Requested Amount	0% or \$0
Banked Amount	\$4,640

State program management

This set-aside supports the Public Water System Supervision program, implementation of the Capacity Development and Operator Certification programs, and Source Water Protection program administration.

Public Water System Supervision

NDEP, through the Bureau of Safe Drinking Water (BSDW), continues to maintain the Safe Drinking Water Information System (SDWIS). SDWIS manages PWSs in Nevada and will integrate with other bureau workflow management tools and State databases. BSDW continues to manage State and EPA compliance and enforcement priorities using Enforcement Targeting Tool information, pursuing enforcement when necessary, and tracking ongoing compliance with administrative orders. In addition, BSDW maintains engineering design review activities.

Capacity Development Program

Nevada's Capacity Development Strategy is designed to improve the technical, managerial, and financial capacity of water systems. NDEP develops and monitors the strategy of this program through the State Program Management set-aside.

Operator Certification

NDEP conducts a water system operator certification program. To comply with SDWA requirements – and to provide the resources needed to certify operators of all community and non-transient non-community systems (including systems without treatment) – set-aside funding will support our operator training contract. This will fund salaries for administrative and enforcement personnel.

NDEP's operator certification program meets the criteria presented by EPA in stakeholder meetings and guidance.

State Program Management Set-Aside 2021	
Maximum Allowed	10.0% or \$1,275,200
Requested Amount	9.93% or \$1,266,538
Banked Amount	\$8,662
State Program Management Set-Aside 2019	
Maximum Allowed	10.0% or \$11,600
Requested Amount	0% or \$0
Banked Amount	\$11,600

Local assistance and other state programs

Funds for these set-asides are used to support local drinking water protection initiatives, including evaluating regional solutions, conducting sustainability audits, and acquiring land for source water protection. Federal regulations state that no more than 10 percent of the federal capitalization grant can be allotted to any one of these activities.

Wellhead Protection

Support for the Source Water Protection Program provides outreach and assistance to communities. The program helps develop strategies to protect local water resources by:

- Preventing contamination of groundwater and surface water
- Identifying and reducing the risk posed by potential water pollution sources
- Coordinating water protection activities throughout the State

Information gathered in the assessment program is used in vulnerability assessments and the monitoring waiver program.

Capacity Development

Nevada provides TMF capacity development to water systems. Technical assistance providers under contract assist with a variety of issues that systems of any size may face. Funding will also support the development of asset management plans, including procedures to lower the risk of cybersecurity threats.

Source Water Protection Program Administration

Source water protection is a cost-effective strategy that focuses on preventing contamination of drinking water supplies. Funding under this set-aside is used to revise and implement source water protection programs, develop and perform technical assistance outreach, and deal with threats like pathogens, inorganics, nutrients, and emerging contaminants like per- and polyfluoroalkyl substances (PFAS).

In SFY 2021, NDEP will work to further integrate its state-side source water protection strategy with other federal, State, and local programs. This will improve protection and

management of water resources. NDEP continues to encourage public support and responsibility for local water supplies by supporting citizen advisory committees. These committees help implement NDEP’s existing source water protection program.

Local Assistance and State Program Set-Asides 2021	
Maximum Allowed	15.0% or \$1,912,800
Requested Amount	7.92% or \$1,009,410
Local Assistance and State Program Set-Asides 2019	
Maximum Allowed	15.0% or \$17,400
Requested Amount	0% or \$0

5) Loan Requirements and Program Assurances

Nevada will assure compliance with the following federal and State requirements:

Additional subsidy

Nevada will provide additional subsidy as required by the grant conditions. See Attachment B for details.

American Iron and Steel

Nevada will ensure borrowers comply with the American Iron and Steel Requirement on any project funded in whole, or in part, with DWSRF funds.

Cash draw ratio

Nevada will deposit and disburse required state match funds prior to drawing any funds from the federal capitalization grant.

Construction commencement

OFA will require borrowers to submit the following before commencing construction of a water project. The recipient will not commence the construction of the water project until receiving a notice to proceed from NDEP (in accordance with NAC 445A.67624).

- Bidding schedules, estimated schedules of payment, and any other information OFA deems necessary to determine the progress of the water project;
- Proof of the receipt of all permits required to construct the water project;
- Documentation that any procedures for purchasing and contracting required by a State agency or the federal government will be adhered to;
- Agendas for any conferences regarding the water project held before bidding and construction begins;

- Project schedules for design, engineering, materials, construction, and any other related activity; and
- Any other documents OFA deems necessary.

Construction process

In accordance with NAC 445A.67638, recipients will be required to promptly notify OFA in writing:

- Within five working days after the award of the prime construction contract for the water project
- When construction of the water project begins
- When there is any substantial change in the scope of the water project; and after each executed change order
- On the date construction of the water project is expected to be completed
- When major construction work on the water project stops, or is expected to stop, for 30 days or more
- Any circumstance that delays, or is expected to delay, completing construction of the water project 90 days or more after the expected completion date;
- When construction of the water project is completed
- When operation of the water project begins

Construction completion

Nevada will require borrowers to submit the following to OFA before final loan draw (in accordance with NAC 445A.67627):

- A final engineering report that describes the water project as it was constructed;
- Drawings of the water project as it was built, which depict any material changes from the initial plans for the water project;
- The dates the water project was tested, accepted, and placed into service;
- A notice of completion of the water project; and
- A statement of the final costs for the water project.

Davis-Bacon

Nevada will ensure borrowers comply with The Davis-Bacon Act for construction projects funded in whole, or in part, with DWSRF funds.

Disadvantaged Business Enterprise (DBE)

Nevada agrees to follow the DBE Good Faith Efforts Guidance and goals, as approved by EPA Region 9 on November 22, 2016. All contracts for funding assistance under the DWSRF program will contain the good faith efforts guidance and goal percentages. Projects are required to comply with federal requirements concerning the participation of disadvantaged businesses (in conformance with NAC 445A.67636).

Environmental reviews

Nevada will ensure an environmental review of each project receiving assistance is completed prior to awarding funds from the DWSRF. The environmental review will meet federal requirements and include any other applicable crosscutter requirements.

Expeditious and timely expenditures

Nevada will expend all funds in the DWSRF in an expeditious and timely manner.

Federal crosscutters

Nevada will ensure compliance with other federal crosscutters, where applicable.

Procurement of contracts

Nevada will ensure borrowers follow state and federal requirements when procuring contracts for work done with program funds.

Small System Funding

Nevada will ensure at least 15 percent of the projected funding amount will be for PWSs that regularly serve fewer than 10,000 people, as required by the SDWA (see [Attachment C](#)).

Reporting

Nevada will provide data or information on the DWSRF program to federal, state, or public inquiries in a manner as requested.

Separate project accounts

Financial assistance recipients will maintain project accounts in accordance with generally accepted governmental accounting standards. This includes maintaining a separate account that records all revenues and expenditures directly and indirectly related to the system receiving funding, consistent with NAC 445A.67629.

System of user charges

Financial assistance recipients must design a system of user charges that produce the money required for the cost of operation, maintenance, and the replacement of treatment works (in conformance with NAC 445A.676144).

Value Engineering

Nevada will ensure all projects that exceed \$10,000,000 will conduct value engineering. Any recommendations derived from the value engineering must be implemented to the extent feasible. A peer review of a project may be required at NDEP's discretion (in conformance with NAC 445A.676142).

6) Financial Management

Grant match requirements

The SDWA requires states to provide a 20-percent match to the capitalization grant. Nevada issues general obligation bonds – additionally secured by pledged revenues – to meet this match requirement. In SFY 2020, Nevada issued an amount of \$5,800,000, which satisfied the match requirement through the 2021 grant award.

Program leveraging

States may issue additional bonds through the DWSRF program – using the federal capitalization grant – as security to provide for higher funding levels in the current year. The DWSRF program has not yet issued leveraged bonds. OFA does not see a need for additional leveraged funds in SFY 2021 but will consider issuing leverage bonds should projects need more expeditious funding.

Fee income

OFA has not established a fee requirement for drinking water loans and does not plan to do so in SFY 2021. However, statutory authority exists for OFA to do so.

Auditing

Nevada's Comprehensive Annual Financial Report (CAFR), Single Audit Report, and internal controls over financial reporting are independently audited by a contracted accounting firm. The DWSRF program is presented on the CAFR as a major enterprise fund, along with two other funds. OFA will prepare a financial report at the end of the fiscal year and publish the report when the State audit is completed. The report will highlight the program's financial activities.

Borrower creditworthiness and review

OFA will evaluate each applicant's fiscal information prior to executing a loan, as well as each year the loan is outstanding. Borrowers must demonstrate their ability to repay the loan to safeguard the public funds in the loan contract. Borrowers must also

demonstrate fiscal sustainability in their system throughout the term of the loan contract. System user rates adopted by the governing board must be sufficient to cover operations, maintenance, debt service, and any reserve requirements of the system and the proposed project at the time of loan closing. Phased-in rate structures will be considered sufficient if they are fully implemented by the time construction of the proposed project is complete.

Reviewable fiscal information includes, but is not limited to:

- Bank statements
- Financial reports
- Financial audits
- Credit reports
- Letters of credit
- User rates
- Debt management policies
- Capital improvement plans

Current ratios used to analyze the borrower's solvency and liquidity include:

- Working capital
- Operating ratio (before non-cash expenses)
- Debt coverage ratio (before non-cash expenses)

Principal repayments

Traditional loans may have a maximum term of 20 years, or the life of the assets funded – whichever is shorter. Traditional loans for disadvantaged communities may have a maximum term of 30 years, or the life of the assets funded – whichever is shorter. Principal forgiveness loans may have a maximum term of 30 years, or the life of the assets funded – whichever is shorter. Repayment of loan principal will commence no later than three years after the date of the agreement, or immediately after project completion – whichever is earlier. Loan principal will be payable every six months on July 1 and January 1. Principal from loan recipients will be used by the program to issue new loans.

Early principal payoffs and restructuring

NDEP recognizes the need for proper fiscal and infrastructure sustainability in systems. Therefore, NDEP does allow a current DWSRF borrower to pay off or restructure their outstanding DWSRF debt. Due to the impact this will have on the DWSRF fund and staff resources, these requests are processed on a first-come, first-served basis and can be denied by NDEP for good cause shown. Borrowers must meet certain conditions to qualify for approval from NDEP for early payoff or restructuring:

- The existing DWSRF loan must be fully drawn or de-obligated; and
- The first principal draw on the loan must be five years old or older; and

- The borrower must demonstrate the need and/or benefit of early payoff and/or restructure to the users of the system; and
- The State Treasurer’s Office must also agree to the payoff; and
- Loans can only be restructured one time.

Interest on loans

Nevada does not issue direct loans to DWSRF public applicants. Rather, the DWSRF applicant will be required to issue a bond, which the State Treasurer will purchase on behalf of the DWSRF program – if the loan is repayable. For private applicants, a direct loan is issued and secured with a combination of collateral and lien instruments at OFA’s discretion. Interest rates are established by the State Board of Finance, Debt Management Policy and fixed for the life of the loan. Interest will begin to accrue upon a draw against the bond. It will be repayable every six months on July 1 and January 1 while principal remains outstanding. Loan interest will be used by the program to repay outstanding debt issued to match the capitalization grant. Interest rates are established by the State Board of Finance and published in the State Debt Management Policy. The policy is subject to change with approval from the Board at a public meeting.

- The interest rate for DWSRF project loans with 20-year terms are typically 62.5 percent of the market rate most recently published in the Bond Buyer prior to closing.
- The interest rate for refinancing existing DWSRF project loans (the average life of refunding bonds is ten years or less) or municipal debt incurred for a DWSRF qualified project will be: an interest rate on the outstanding principal of the general obligation bond equal to the rate of the current MMD AAA curve scale corresponding to the average life of the refunding bonds (rounded up to the next full year); plus 25 basis points.
- In special circumstances where DWSRF loan financing or refinancing does not fit with the interest rate parameters above (e.g. a DWSRF project loan with an amortization term of ten years or less, a taxable refinancing of an existing DWSRF project loan, or municipal debt incurred for a DWSRF qualified project), the Treasurer’s Office – in consultation with its financial advisor and NDEP – will determine the rate using an applicable index. The index will use the methodology above to produce a loan at or below the current market rate.

Use of all funds available

All publicly issued loans will be funded with resources in a specific order, utilizing the first-in, first-out method for bonds and grants:

1. Bond proceeds (match and leverage, if available)
2. Capitalization grant funds
3. Re-loan principal
4. Re-loan interest

5. Investment interest (Treasurer's Interest)

All privately issued loans will be funded with capitalization grant funds only.

Estimated FY2021 and Cumulative Sources and Uses			
	Cumulative Total through SFY2020	SFY 2021	Cumulative Total
SOURCES			
Federal Capitalization Grants	222,856,500	12,752,000	235,608,500
ARRA Capitalization Grant	19,500,000	0	19,500,000
State Match Bond Issues	52,324,809	0	52,324,809
Principal Repayments	103,444,637	12,792,492	116,237,129
Interest Repayments	47,640,903	4,029,859	51,670,762
Investments Earnings	7,505,943	464,629	7,970,572
Funds Transferred from (To) DWSRF	0	0	0
TOTAL SOURCES	453,272,792	30,038,980	483,311,772
USES			
Final Loan Agreements (non-ARRA)	312,202,044	0	312,202,044
Final Loan Agreements (ARRA)	19,039,051	0	19,039,051
Fundable List of Projects	10,429,352	23,346,094	33,775,446
Match Bond Debt Service Payments	43,518,166	3,405,688	46,923,854
2% Small Systems Technical Assistance (Non-ARRA)	3,796,018	253,422	4,049,440
4% Administrative Expenses (Non-ARRA)	6,966,398	482,038	7,448,436
4% Administrative Expense (ARRA)	16,770	0	16,770
10% State Program Management (Non-ARRA)	16,561,857	1,366,659	17,928,516
10% ARRA State Program Management (ARRA)	444,179	0	444,179
15% Local Assistance (Non-ARRA)	17,047,813	1,185,079	18,232,892
Available for future loan commitments	19,412,761	0	19,412,761
Debt Service Reserves	3,838,383	0	3,838,383
TOTAL USES	453,272,792	30,038,980	483,311,772

Principal forgiveness loans

Nevada does not require an entity to issue a bond if the loan is forgiven. Additionally, interest is also forgiven. Eligibility for a principal forgiveness loan is outlined in **Attachment B**. The amount of DWSRF funds available for principal forgiveness loans is based on the current federal capitalization grant amount and grant conditions. Nevada will spend the required capitalization grant amounts as outlined in the current appropriation act. Nevada’s expected projects receiving principal forgiveness funding are outlined on **Attachment C**.

Program transfers

OFA reserves the option to transfer up to 33 percent of DWSRF capitalization grant funds to the CWSRF program, or an equivalent amount from the CWSRF to the DWSRF. Nevada has not transferred any funds since the program’s inception.

Program Transfers	
Cumulative capitalization grant received through SFY 2020	\$242,356,500
33% of DWSRF Capitalization grant funds	\$79,977,645
Transfers-to-date	\$0

Attachment A: DWSRF Project Priority List Ranking Criteria

Nevada uses a ranking system to prioritize the order in which eligible projects will be financed (as outlined in NAC 445A.67566 to NAC 445A.67574, inclusive). In general, priority is given to projects that bring a PWS into compliance with national primary drinking water regulations (under Section 1412 of the SDWA). Priority is also given to projects that significantly further the health protection objectives of Section 1452 of the SDWA, and for PWSs most in need on a per capita basis. The priority ranking system, described below, is detailed in NAC 445A.67569.

Projects are ranked into the following four classes (listed in order of priority):

1. Acute health risks
2. Chronic health risks
3. Infrastructure rehabilitation
4. Refinancing existing debt that qualifies under the DWSRF

Assigned points (as specified in NAC 445A.67569) that address different problems in a class are additive. The initial ranking number is multiplied by the ratio of the State median household income (MHI) to the public water system MHI. In each of the categories, projects are ranked by type of PWS, in the following order:

1. Community public water systems
2. Non-profit, non-transient, non-community water systems
3. Non-profit, transient, non-community water system

On an annual basis – following a statewide solicitation for projects – NDEP develops a statewide priority list of water projects. The priority list is a part of this IUP. Placement on the priority list does not guarantee that a project will be funded. However, only projects included on the priority list will be considered for possible funding. Any list, before it is adopted, must undergo the public review and comment process outlined in the regulations and must be approved by the BFWP.

NDEP may revise the ranking of a project on an existing list at any time if new information affecting the ranking of the project becomes available. NDEP may revise a priority list to correct minor typographical or technical errors. NDEP does not need approval from BFWP or to hold a public participation workshop to make these corrections.

If the scores for two or more projects are tied, ranking will be based on population, with the higher population given the higher ranking.

Eligible projects on the priority list may be bypassed if the applicant:

- Withdraws a project
- Requests that action be deferred
- Fails to meet submittal deadlines
- NDEP determines it is not ready to proceed.

Projects that are bypassed will be notified by NDEP and have an opportunity to object.

Requests for financial assistance for emergency situations may be made to NDEP at any time. In any emergency situation, an applicant may submit a loan application without waiting for a revision to the priority list. All other applicants on an approved priority list will be notified of an emergency request and be given an opportunity for any comments or objections. BFWP will add the project to the priority list at the same time it approves the loan commitment.

DRAFT

Attachment B: DWSRF Principal Forgiveness Loans

NAC 445A.67575 requires the IUP to “describe how all money deposited into the Account for the Revolving Fund and the Account for Set-Aside Programs will be used.” It is also required to include a description of “the criteria and method used for the distribution of funds,” and “any program for a disadvantaged community and the funds utilized for this type of assistance.”

Eligibility Criteria

- 1. Due to changes in federal grant requirements, the first \$923,060 of the federal grant allotments, will be reserved for systems meeting Nevada’s definition of a disadvantaged community.**

Nevada defines a disadvantaged community as an area served by a public water system where the MHI is less than 80 percent of the State MHI (NAC 445A.675245).

2. Borrowers of any system seeking a traditional loan from the DWSRF of \$2 million or more may receive up to \$50,000 in principal forgiveness funding if the following conditions are met:
 - The project must be listed on the Drinking Water Priority List and ready to proceed to construction within six months of application. NDEP will publish a bypass notice (in accordance with State regulations) for systems on the list that are ready to proceed.
 - The funds will help the project meet federal reporting requirements such as Davis-Bacon Wage Requirements and/or the American Iron and Steel Requirements. Systems must demonstrate that funding will be needed for this purpose. Systems must also obtain professionals – through in-house staff or public procurement – who know the requirements and can competently assist the project with these requirements.
 - The funding cannot be combined with other DWSRF principal forgiveness funding.
 - Funding to meet Davis-Bacon Wage Requirements and/or American Iron and Steel Requirements will not take priority over other eligible systems seeking principal forgiveness funding. NDEP reserves the right to cancel or limit funds available for this assistance at its discretion.

3. Additional principal forgiveness funding mandated by federal grants will be awarded to systems using the eligibility criteria. A system needs to obtain 50 or more points to be eligible for a principal forgiveness loan.

- MHI means:
 - The latest American Community Survey information used for the current year project priority list; or
 - A valid income survey performed within the last five calendar years
- Population trends means:
 - The change in population over a three-year period (as reported on the latest American Community Surveys available)
- Unemployment percentage means:
 - The percent listed on the same American Community Survey used for the MHI calculations
- Percent of population not in workforce means:
 - The percent listed on the same American Community Survey used for the MHI calculations
- Affordability means:
 - Whether or not an interest-bearing loan will increase sufficient user rates by 25 percent or more; or
 - Whether or not a system has raised water rates in the last five years by more than 25 percent to satisfy the sufficient rate requirements.

A comparison to the existing operating, maintenance, debt service, and reserve requirements to the new operating, maintenance, debt service, and reserve requirements will be performed. This will be compared to established user rates.

- Planning and design means:
 - Preliminary Engineering Reports (PER) and Environmental Reviews (ER) must meet the conditions of NDEP's guidance documents and the Rural Utilities Services (RUS) Bulletin 1780-2. The funding may also include pilot studies if the specific course of action the community must address is for water quality.
 - For funding to design a project only, the system must demonstrate that the project has been determined to be the best alternative for the specific course of action the community must address. The project must also be ready to proceed to construction upon completion of the design.

- Other factors will be counted if they relate to the project:
 - System is addressing an acute or chronic health condition in the project
 - System is consolidating into another public water system to ensure capacity
 - System is owned by a public educational institution
 - System is the only source of supply or storage is failing
 - System serves a population of less than 10,000 people
 - System has an established asset management plan
 - System is funding a capital reserve or short-lived asset account

Scale to Determine Principal Forgiveness Eligibility

State Median Household Income (MHI) versus Community MHI	Possible Points	System Received
Based upon the Current Priority List data		
1.25 or more	50	
less than 1.25	0	
Project Points		0
Population Trends	Possible Points	System Received
Based upon last three years of American Community Survey best available data		
1. Decreasing	5	
2. Increasing	0	
Project Points		0
Unemployment Rate	Possible Points	System Received
Based upon American Community Survey used for MHI data		
Greater than statewide unemployment	5	
Less than statewide unemployment	0	
Project Points		0
Population not in workforce	Possible Points	System Received
Based upon American Community Survey used for MHI data		
Greater than statewide percentage	10	
Less than statewide percentage	0	
Project Points		0
Affordability	Possible Points	System Received
Have rates changed by more than 25% to meet the sufficient rate requirement in the last five years? Would an interest-bearing loan increase already sufficient rates by 25% or more?		
Yes	20	
No	0	
Project Points		0
Planning and design	Possible Points	System Received
Preparation of a Preliminary Engineering Report (PER) with an Environmental Review (ER).	50	
Design only for any size system	50	
Project Points		0
Other Factors	Possible Points	System Received
Systems addressing acute or chronic health conditions in project	50	
Consolidation into another public water system(s) if the assistance will ensure that the system returns to and maintains technical, financial, or managerial capacity in accordance with 40 CFR §35.3520(b)(2)(v).	50	
Systems owned by public educational institutions	50	
Only source of supply or storage is failing	20	
Small Systems that serve populations less than 10,000 people	20	
System has an established asset management plan	10	
System is funding a capital reserve or short-lived asset account	5	
Project Points		0

Total Project Points

0

Points needed to Qualify for Principal Forgiveness is 50

Special terms and conditions for principal forgiveness loans

Principal forgiveness funding for construction projects and consolidation projects may be provided (up to \$1,000,000, subject to availability) for each project, unless there are extenuating circumstances. These circumstances must be observed by NDEP and approved by BFWP.

NDEP will take into consideration the following as extenuating circumstances for additional funds over \$1,000,000:

- NDEP has funding available to commit to principal forgiveness projects; and the system has extenuating circumstances beyond its control, such as:
 - Project will address an acute or chronic health condition
 - Unfunded mandate for compliance to the safe drinking water standards
 - Bid exceedances greater than 20 percent of projected costs
 - Failing infrastructure threatens only source of supply or only storage facility
 - Consolidation that addresses administration and/or operating deficiencies
 - System would take on unreasonable costs for bonding the additional loan amount.
 - Unreasonable would be greater than 5 percent of the loan principal amount
 - System has taken as much local and regional funding as possible
- Consolidation projects must resolve a SDWA noncompliance issue or address TMF capacity deficiencies. The system taking over the other system must demonstrate it have the capacity to support both systems in perpetuity.

- Preliminary Engineering Reports (PER) with an Environmental Review (ER) for a specific project or need for any size system
 - Funding may be provided up to \$100,000 for each applicant. A 15-percent match will be required for each disbursement request. Systems will be required to commit to a timeline in the funding agreement.
 - The PER and ER must be formatted in accordance with Rural Utilities Services Bulletin 1780-2 to prepare for a specific course of action the community must address. They cannot simply address all system needs or provide for a master plan of the system. The funding may also include pilot studies if the specific course of action the community must address is for water quality.
 - For funding to design a project only, the system must demonstrate that the project has been determined to be the best alternative for the specific course of action the community must address. The project must also be ready to proceed to construction upon completion of the design.

- Construction projects

Applicants seeking funding from the DWSRF for construction projects must demonstrate the systems willingness to sustain itself. OFA considers TMF capability to be a necessary part of a system’s requirements for funding (pursuant to NAC 445A.67617(4)). OFA will add, as a condition of the loan contract for principal forgiveness loans, that borrowers:

- Evaluate user rates approved by the governing board at least once every three years to ensure they are sufficient to cover costs of:
 - Operating the current and funded system
 - Maintaining the current and funded system
 - Debt service of the current and funded system
 - Reserve requirements of any funding authority

- Maintain a fiscal sustainability plan that:
 - Includes an inventory of all assets that are part of the system;
 - Evaluates the condition and performance of inventoried assets or asset groupings;
 - Documents the useful life of the assets;
 - Contains a plan for maintaining, repairing, and as necessary, replacing the assets;
 - Contains a plan for funding maintenance, repair, and replacement; and
 - Evaluates and implements water and energy conservation efforts.

The development of an Asset Management Plan will satisfy this requirement. Loan applicants must certify as part of the funding agreement that the recipient has, or will develop, a plan prior to the final draw on the loan. Existing applicant plans must have been reviewed and/or updated by the governing board no longer than five years prior to the date of the loan application. Assistance in developing a FSP can be provided to applicants free of charge.

- Set aside funds into a reserve account for capital replacement
 - OFA calculates this yearly investment based upon the system's short-lived assets (15 years or less), amortized on a straight-line basis.
 - Short-lived assets may include pumps, meters, and data collection equipment like telemetry, alarms, and SCADA units. For this purpose, short-lived assets conform to capital assets generally accepted as those with a life expectancy of 15 years or less.
 - Utilities may only use these reserve funds for capital improvements. Importantly, these improvements are not restricted to the system's short-lived assets. There are several expenses that qualify as capital expenditures:
 - Bringing a new facility into service
 - Planning or designing a new facility that will enhance the existing system
 - Extending the life or enhancing the value of an asset with better quality materials or system upgrades
 - Utilities cannot use these reserve funds for inventory items, for maintenance, or for operation expenses. For example, utilities cannot use these reserve funds for minor incidentals, like: repair clamps, small tools, service contracts, inventory parts and fittings, spare lengths of pipe for repairs; or maintenance supplies, like: paint, grease, and other similar day-to-day supplies.
 - Utilities cannot use the funds in the reserve account for the purpose of expanding their system. For example, they may not use these reserves to finance the installation of new services or the extension of main lines to serve new areas or customers.

- Utilities must clearly identify their annual contribution to this fund — along with the fund balance — in their financial statements.
- NDEP may consider other cash the system has available for capital improvements to meet this requirement.

Attachment C: DWSRF 2021 Fundable List

Grant applied to:	*PL Class	PL Rank	Community Name/Project Sponsor	Project Description	Population	D**	Total Assistance	Estimated Binding Commitment Date	Principal Forgiveness	Population less than 10,000
2021	III	21	Douglas County (Cave Rock)	Transmission, treatment	2,800		4,525,437	6/30/2021	-	4,525,437
2021	III	3	Beatty Water & Sanitation District	Treatment for Arsenic	1,010	D	1,000,000	12/31/2021	1,000,000	1,000,000
2021	III	13	Baker Water & Sewer GID	New Source	30		570,000	12/31/2021	570,000	570,000
2021	III	21	Las Vegas Valley Water District (Big Bend)	Treatment, storage, transmission	9,300	D	536,000	12/31/2021	536,000	536,000
2021	III	16	Lovelock Meadows Water District	Storage	5,278	D	525,000	1/11/2021	525,000	525,000
2021	III	41	Las Vegas Valley Water District (Big Bend)	Riverbank Filtration Well	9,300	D	517,478	12/31/2021	517,480	517,478
2021	III	43	Silver Springs Mutual Water Co.	PER for backup well rehabilitation	3,070	D	100,000	12/31/2021	100,000	100,000
2021	III	60	Weed Heights	Storage	560	D	1,000,000	12/31/2021	1,000,000	1,000,000
2021	III	70	Silver Springs Mutual Water Co.	PER for transmission line	3,070	D	100,000	12/31/2021	100,000	100,000
2021	III	16	Shoshone Estates	Arsenic compliance - New well	240		200,000	12/31/2021	200,000	200,000
2021	III	17	Hillcrest Manor	Storage tank repairs/replacement	450		200,000	12/31/2021	200,000	200,000
2021	III	14	Crystal Trailer Park	Consolidation-Groundwater arsenic concern	110		500,000	12/31/2021	500,000	400,000
2021	III	17	Golconda GID	Source rehabilitation and storage rehabilitation	114	D	1,000,000	12/31/2021	1,000,000	1,000,000
2021	III	74	Gardnerville Ranchos GID	Distribution	11,312		5,500,000	12/31/2021	-	-

\$ 16,273,915

\$ 6,248,480

\$ 10,673,915

**Disadvantaged Principal Forgiveness Total

\$ 4,778,480

Projects applied to earlier grants

Grant applied to:	*PL Class	PL Rank	Community Name/Project Sponsor	Project Description	Population	D**	Total Assistance	Estimated Binding	Principal Forgiveness	Population less than 10,000
2018	III	16	Lovelock Meadows Water District	Storage	5,278	D	159,392	1/11/2021	159,392	159,392
2018	III	60	McGill Ruth GID	PER and ER for new secondary source	700		80,750	10/2/2020	80,750	80,750
2019	III	21	Douglas County (Cave Rock)	Transmission, treatment	2,800		4,256,370	6/30/2021	-	4,256,370
2019	II	8	Alamo Sewer and Water GID	Arsenic Treatment	900		1,000,000	6/30/2021	1,000,000	1,000,000
2019	III	14	Las Vegas Valley Water District (Big Bend)	Treatment, storage, transmission	9,300	D	396,290	6/30/2021	396,290	396,290
2019	III	16	Lovelock Meadows Water District	Storage	5,278	D	840,608	1/11/2021	840,608	840,608
2019	III	19	Topaz Ranch Estates GID	PER and ER for new secondary source	1,501	D	79,662	10/2/2020	79,662	79,662
2019	III	31	Hawthorne Utilities	Storage	3,020		1,000,000	6/30/2021	1,000,000	1,000,000
2019R	III	16	Lovelock Meadows Water District	Storage	5,278	D	30,160	1/11/2021	30,160	525,000
2020	I	1	Gold Country Water Company	PER and ER for nitrate compliance	950		37,400	6/30/2021	37,400	37,400
2020	III	17	Golconda GID	Source rehabilitation and storage rehabilitation	114	D	32,681	12/31/2021	32,681	32,681
2020	III	21	Douglas County (Cave Rock)	Transmission, treatment	2,800		250,000	6/30/2021	250,000	250,000
2020	II	3	Beatty Sewer and Water GID	PER and ER (Add money) for arsenic treatment	1,010	D	15,000	2/9/2021	15,000	15,000
2020	II	7	Truckee Meadows Water Authority (Old Forty West)	Consolidation (Add money)	32		16,000	2/16/2021	16,000	16,000
2020	II	9	Mount Rose Bowl POWC	Treatment, Storage (Add money)	15		25,000	2/8/2021	25,000	25,000
2020	II	10	Silver Knolls Mutual Water Company	Arsenic Treatment	120		474,000	6/30/2021	474,000	474,000

Grant applied to:	*PL Class	PL Rank	Community Name/Project Sponsor	Project Description	Population	D**	Total Assistance	Estimated Binding	Principal Forgiveness	Population less than 10,000
2020	III	14	Las Vegas Valley Water District (Big Bend)	Treatment, storage, transmission	9,300	D	603,710	6/30/2021	603,710	603,710
2020	III	50	Roark Estates HOA	Storage (Add money)	62	D	91,700	6/30/2021	91,700	91,700
2020	III	56	Gerlach GID	Transmission, electrical	120	D	128,000	6/30/2021	128,000	128,000
2020	III	72	McGill Ruth GID	Storage	700		433,750	6/30/2021	433,750	433,750
2020	I	84	Cottonwood MHP	PER and ER for system rehabilitation	151		24,225	6/30/2021	24,225	24,225
2020	III	63 & 77	Esmeralda County	Meters	486	D	366,118	6/30/2021	366,118	366,118
2020	III	21	Douglas County (Cave Rock)	Transmission, treatment	2,800		7,218,193	6/30/2021	-	7,218,193
							\$ 17,559,009			\$ 6,084,446
										\$ 2,743,321
										\$ 18,053,849

****Disadvantaged Principal Forgiveness Total**

List is subject to change as projects readiness to proceed changes

*Class

- I Acute Health Risk
- II Chronic Health Risk
- III Rehabilitation
- IV Refinancing

**D indicates the community meets Nevada's definition as a disadvantaged community (NAC 445A.675245).

Principal Forgiveness Loan Project Funding Update

Project Name	Contract	Population	D ¹	Project Description	Total Principal Forgiveness Assistance	Applied to Earlier Grants	Applied to 2018 Grant
Silver Knolls Mutual Water District	DW1408	130		Arsenic Compliance	500,000	493,679	6,321
Carlin, City of	DW1704	2,500		PER/ER for system improvements	75,000	57,737	17,263
Kingsbury GID	DW1812	3,839		PER/ER for system improvements	100,000		100,000
Truckee Meadows Water Authority	DW1903	325,000		Old 40 West Consolidation	115,250		115,250
Las Vegas Valley Water District (Big Bend)	DW1906	9,300	D	Big Bend Riverbank filtration	500,000	200,384	299,616
Mount Rose Bowl POWC	DW1907	40		LOC Compliance	525,000	130,412	394,588
Humboldt County (McDermitt)	DW1909	200	D	Arsenic Compliance	568,800		568,800
Humboldt County (Star City)	DW1910	360		Consolidation and System Improvements	575,000		575,000
Silver Springs Mutual Water Company	DW1911	3,070	D	Rehabilitation of storage tank	279,270	259,333	19,937
Beatty Water and Sanitation District	DW1912	1,010	D	PER for arsenic & Flouride	100,000	42,245	24,076
Lovelock Meadows Water District	DW2002	5,278	D	Storage	476,459	407,804	68,655
Roark Estates HOA	DW2003	62	D	Additional storage	304,700	3,588	76,907
Topaz Ranch Estates GID	DW2101	1,501		PER and ER for redundant source	79,662		
McGill Ruth GID	DW2102			PER for new Source	80,750		3,613
Hawthorne Utilities	DW2103	3,020		Storage	1,000,000		33,541
Lovelock Meadows Water District	DW2104	5,278	D	Storage	1,000,000		
Gold Country	DW2105	950		PER and ER for Nitrate	37,400		21,633
Cottonwood MHP	DW2106	250		PER and ER for system improvements	24,225		
Alamo Sewer and Water GID	DW2107	900		Arsenic Compliance	1,000,000		
Douglas County	DW2109	2,800		Distribution	250,000		250,000
Gerlach GID	DW2111	120	D	Distribution	128,000		
McGill Ruth GID	DW2112	700		Storage	433,750		
Esmeralda Co	DW2113	486	D	Meters	366,118		
Lovelock Meadows Water District	Pending	5,278	D	Storage	555,160		
Silver Knolls Mutual Water District	Pending	120		Arsenic Compliance	520,360		
Golconda GID	Pending	114	D	System improvements	1,000,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	1,000,000		
Crystal Trailer Park	Pending	110		Consolidation-groundwater arsenic issues	500,000		
Shoshone Estates	Pending	240		Arsenic Compliance	200,000		
Hillcrest Manor	Pending	450		Storage	200,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	536,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	Source Water treatment improvements	517,478		
Silver Springs Mutual Water Company	Pending	3,070	D	Source Water improvements	100,000		
Silver Springs Mutual Water Company	Pending	3,070	D	Transmission	100,000		
Weed Heights	Pending	560	D	Storage	1,000,000		
Beatty Water & Sanitation District	Pending	1,010	D	Arsenic Compliance	1,000,000		
Baker Water and Sewer	Pending			New system	570,000		
					\$ 15,818,382	1,595,182	2,575,200
					Required		2,575,200

¹Disadvantaged Community

\$ -

Principal Forgiveness Loan Project Funding Update

Project Name	Contract	Population	D ¹	Project Description	Total Principal Forgiveness Assistance	Applied to 2019 Grant	
						Disadvantaged 6-35%	20% Mandate
Silver Knolls Mutual Water District	DW1408	130		Arsenic Compliance	500,000		
Carlin, City of	DW1704	2,500		PER/ER for system improvements	75,000		
Kingsbury GID	DW1812	3,839		PER/ER for system improvements	100,000		
Truckee Meadows Water Authority	DW1903	325,000		Old 40 West Consolidation	115,250		
Las Vegas Valley Water District (Big Bend)	DW1906	9,300	D	Big Bend Riverbank filtration	500,000		
Mount Rose Bowl POWC	DW1907	40		LOC Compliance	525,000		
Humboldt County (McDermitt)	DW1909	200	D	Arsenic Compliance	568,800		
Humboldt County (Star City)	DW1910	360		Consolidation and System Improvements	575,000		
Silver Springs Mutual Water Company	DW1911	3,070	D	Rehabilitation of storage tank	279,270		
Beatty Water and Sanitation District	DW1912	1,010	D	PER for arsenic & Flouride	100,000		33,679
Lovelock Meadows Water District	DW2002	5,278	D	Storage	476,459		
Roark Estates HOA	DW2003	62	D	Additional storage	304,700		224,205
Topaz Ranch Estates GID	DW2101	1,501		PER and ER for redundant source	79,662		79,662
McGill Ruth GID	DW2102			PER for new Source	80,750		77,137
Hawthorne Utilities	DW2103	3,020		Storage	1,000,000		966,459
Lovelock Meadows Water District	DW2104	5,278	D	Storage	1,000,000	765,360	
Gold Country	DW2105	950		PER and ER for Nitrate	37,400		15,767
Cottonwood MHP	DW2106	250		PER and ER for system improvements	24,225		24,225
Alamo Sewer and Water GID	DW2107	900		Arsenic Compliance	1,000,000		1,000,000
Douglas County	DW2109	2,800		Distribution	250,000		
Gerlach GID	DW2111	120	D	Distribution	128,000		
McGill Ruth GID	DW2112	700		Storage	433,750		130,066
Esmeralda Co	DW2113	486	D	Meters	366,118		
Lovelock Meadows Water District	Pending	5,278	D	Storage	555,160		
Silver Knolls Mutual Water District	Pending	120		Arsenic Compliance	520,360		
Golconda GID	Pending	114	D	System improvements	1,000,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	1,000,000		
Crystal Trailer Park	Pending	110		Consolidation-groundwater arsenic issues	500,000		
Shoshone Estates	Pending	240		Arsenic Compliance	200,000		
Hillcrest Manor	Pending	450		Storage	200,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	536,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	Source Water treatment improvements	517,478		
Silver Springs Mutual Water Company	Pending	3,070	D	Source Water improvements	100,000		
Silver Springs Mutual Water Company	Pending	3,070	D	Transmission	100,000		
Weed Heights	Pending	560	D	Storage	1,000,000		
Beatty Water & Sanitation District	Pending	1,010	D	Arsenic Compliance	1,000,000		
Baker Water and Sewer	Pending			New system	570,000		
					\$ 15,818,382	765,360	2,551,200
					Required	765,360	2,551,200
					\$	-	\$ -

¹Disadvantaged Community

Principal Forgiveness Loan Project Funding Update

Project Name	Contract	Population	D ¹	Project Description	Total Principal Forgiveness Assistance	Applied to 2019R Grant	
						Disadvantaged 6-35%	20% Mandate
Silver Knolls Mutual Water District	DW1408	130		Arsenic Compliance	500,000		
Carlin, City of	DW1704	2,500		PER/ER for system improvements	75,000		
Kingsbury GID	DW1812	3,839		PER/ER for system improvements	100,000		
Truckee Meadows Water Authority	DW1903	325,000		Old 40 West Consolidation	115,250		
Las Vegas Valley Water District (Big Bend)	DW1906	9,300	D	Big Bend Riverbank filtration	500,000		
Mount Rose Bowl POWC	DW1907	40		LOC Compliance	525,000		
Humboldt County (McDermitt)	DW1909	200	D	Arsenic Compliance	568,800		
Humboldt County (Star City)	DW1910	360		Consolidation and System Improvements	575,000		
Silver Springs Mutual Water Company	DW1911	3,070	D	Rehabilitation of storage tank	279,270		
Beatty Water and Sanitation District	DW1912	1,010	D	PER for arsenic & Flouride	100,000		
Lovelock Meadows Water District	DW2002	5,278	D	Storage	476,459		
Roark Estates HOA	DW2003	62	D	Additional storage	304,700		
Topaz Ranch Estates GID	DW2101	1,501		PER and ER for redundant source	79,662		
McGill Ruth GID	DW2102			PER for new Source	80,750		
Hawthorne Utilities	DW2103	3,020		Storage	1,000,000		
Lovelock Meadows Water District	DW2104	5,278	D	Storage	1,000,000	6,960	
Gold Country	DW2105	950		PER and ER for Nitrate	37,400		
Cottonwood MHP	DW2106	250		PER and ER for system improvements	24,225		
Alamo Sewer and Water GID	DW2107	900		Arsenic Compliance	1,000,000		
Douglas County	DW2109	2,800		Distribution	250,000		
Gerlach GID	DW2111	120	D	Distribution	128,000		
McGill Ruth GID	DW2112	700		Storage	433,750		23,200
Esmeralda Co	DW2113	486	D	Meters	366,118		
Lovelock Meadows Water District	Pending	5,278	D	Storage	555,160		
Silver Knolls Mutual Water District	Pending	120		Arsenic Compliance	520,360		
Golconda GID	Pending	114	D	System improvements	1,000,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	1,000,000		
Crystal Trailer Park	Pending	110		Consolidation-groundwater arsenic issues	500,000		
Shoshone Estates	Pending	240		Arsenic Compliance	200,000		
Hillcrest Manor	Pending	450		Storage	200,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	536,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	Source Water treatment improvements	517,478		
Silver Springs Mutual Water Company	Pending	3,070	D	Source Water improvements	100,000		
Silver Springs Mutual Water Company	Pending	3,070	D	Transmission	100,000		
Weed Heights	Pending	560	D	Storage	1,000,000		
Beatty Water & Sanitation District	Pending	1,010	D	Arsenic Compliance	1,000,000		
Baker Water and Sewer	Pending			New system	570,000		
					\$ 15,818,382	6,960	23,200
					Required	6,960	23,200

¹Disadvantaged Community

\$ - \$ -

Principal Forgiveness Loan Project Funding Update

Project Name	Contract	Population	D ¹	Project Description	Total Principal Forgiveness Assistance	Applied to 2020 Grant	
						Disadvantaged 6-35%	14% Mandate
Silver Knolls Mutual Water District	DW1408	130		Arsenic Compliance	500,000		
Carlin, City of	DW1704	2,500		PER/ER for system improvements	75,000		
Kingsbury GID	DW1812	3,839		PER/ER for system improvements	100,000		
Truckee Meadows Water Authority	DW1903	325,000		Old 40 West Consolidation	115,250		
Las Vegas Valley Water District (Big Bend)	DW1906	9,300	D	Big Bend Riverbank filtration	500,000		
Mount Rose Bowl POWC	DW1907	40		LOC Compliance	525,000		
Humboldt County (McDermitt)	DW1909	200	D	Arsenic Compliance	568,800		
Humboldt County (Star City)	DW1910	360		Consolidation and System Improvements	575,000		
Silver Springs Mutual Water Company	DW1911	3,070	D	Rehabilitation of storage tank	279,270		
Beatty Water and Sanitation District	DW1912	1,010	D	PER for arsenic & Flouride	100,000		
Lovelock Meadows Water District	DW2002	5,278	D	Storage	476,459		
Roark Estates HOA	DW2003	62	D	Additional storage	304,700		
Topaz Ranch Estates GID	DW2101	1,501		PER and ER for redundant source	79,662		
McGill Ruth GID	DW2102			PER for new Source	80,750		
Hawthorne Utilities	DW2103	3,020		Storage	1,000,000		
Lovelock Meadows Water District	DW2104	5,278	D	Storage	1,000,000	227,680	
Gold Country	DW2105	950		PER and ER for Nitrate	37,400		
Cottonwood MHP	DW2106	250		PER and ER for system improvements	24,225		
Alamo Sewer and Water GID	DW2107	900		Arsenic Compliance	1,000,000		
Douglas County	DW2109	2,800		Distribution	250,000		
Gerlach GID	DW2111	120	D	Distribution	128,000	128,000	
McGill Ruth GID	DW2112	700		Storage	433,750		280,484
Esmeralda Co	DW2113	486	D	Meters	366,118	366,118	
Lovelock Meadows Water District	Pending	5,278	D	Storage	555,160		
Silver Knolls Mutual Water District	Pending	120		Arsenic Compliance	520,360		520,360
Golconda GID	Pending	114	D	System improvements	1,000,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	1,000,000	44,042	955,958
Crystal Trailer Park	Pending	110		Consolidation-groundwater arsenic issues	500,000		30,158
Shoshone Estates	Pending	240		Arsenic Compliance	200,000		
Hillcrest Manor	Pending	450		Storage	200,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	536,000		
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	Source Water treatment improvements	517,478		
Silver Springs Mutual Water Company	Pending	3,070	D	Source Water improvements	100,000		
Silver Springs Mutual Water Company	Pending	3,070	D	Transmission	100,000		
Weed Heights	Pending	560	D	Storage	1,000,000		
Beatty Water & Sanitation District	Pending	1,010	D	Arsenic Compliance	1,000,000		
Baker Water and Sewer	Pending			New system	570,000		
					\$ 15,818,382	765,840	1,786,960
					Required	765,840	1,786,960
					\$	-	\$ -

¹Disadvantaged Community

Principal Forgiveness Loan Project Funding Update

Project Name	Contract	Population	D ¹	Project Description	Total Principal Forgiveness Assistance	Applied to 2021 Grant	
						Disadvantaged 6-35%	14% Mandate
Silver Knolls Mutual Water District	DW1408	130		Arsenic Compliance	500,000		
Carlin, City of	DW1704	2,500		PER/ER for system improvements	75,000		
Kingsbury GID	DW1812	3,839		PER/ER for system improvements	100,000		
Truckee Meadows Water Authority	DW1903	325,000		Old 40 West Consolidation	115,250		
Las Vegas Valley Water District (Big Bend)	DW1906	9,300	D	Big Bend Riverbank filtration	500,000		
Mount Rose Bowl POWC	DW1907	40		LOC Compliance	525,000		
Humboldt County (McDermitt)	DW1909	200	D	Arsenic Compliance	568,800		
Humboldt County (Star City)	DW1910	360		Consolidation and System Improvements	575,000		
Silver Springs Mutual Water Company	DW1911	3,070	D	Rehabilitation of storage tank	279,270		
Beatty Water and Sanitation District	DW1912	1,010	D	PER for arsenic & Flouride	100,000		
Lovelock Meadows Water District	DW2002	5,278	D	Storage	476,459		
Roark Estates HOA	DW2003	62	D	Additional storage	304,700		
Topaz Ranch Estates GID	DW2101	1,501		PER and ER for redundant source	79,662		
McGill Ruth GID	DW2102			PER for new Source	80,750		
Hawthorne Utilities	DW2103	3,020		Storage	1,000,000		
Lovelock Meadows Water District	DW2104	5,278	D	Storage	1,000,000		
Gold Country	DW2105	950		PER and ER for Nitrate	37,400		
Cottonwood MHP	DW2106	250		PER and ER for system improvements	24,225		
Alamo Sewer and Water GID	DW2107	900		Arsenic Compliance	1,000,000		
Douglas County	DW2109	2,800		Distribution	250,000		
Gerlach GID	DW2111	120	D	Distribution	128,000		
McGill Ruth GID	DW2112	700		Storage	433,750		
Esmeralda Co	DW2113	486	D	Meters	366,118		
Lovelock Meadows Water District	Pending	5,278	D	Storage	555,160	555,160	
Silver Knolls Mutual Water District	Pending	120		Arsenic Compliance	520,360		
Golconda GID	Pending	114	D	System improvements	1,000,000	1,000,000	
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	1,000,000		
Crystal Trailer Park	Pending	110		Consolidation-groundwater arsenic issues	500,000		469,842
Shoshone Estates	Pending	240		Arsenic Compliance	200,000		200,000
Hillcrest Manor	Pending	450		Storage	200,000		200,000
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	System improvements	536,000	536,000	
Las Vegas Valley Water District (Big Bend)	Pending	9,300	D	Source Water treatment improvements	517,478	517,478	
Silver Springs Mutual Water Company	Pending	3,070	D	Source Water improvements	100,000	100,000	
Silver Springs Mutual Water Company	Pending	3,070	D	Transmission	100,000	100,000	
Weed Heights	Pending	560	D	Storage	1,000,000	1,000,000	
Beatty Water & Sanitation District	Pending	1,010	D	Arsenic Compliance	1,000,000	654,562	345,438
Baker Water and Sewer	Pending			New system	570,000		570,000
					\$ 15,818,382	4,463,200	1,785,280
					Required	4,463,200	1,785,280

¹Disadvantaged Community

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Attachment D: Drinking Water Priority List—Effective July 2020

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total PWS MHL	State MHL/PWS MHL	Revised Points	D1	Ownership	Project Description	Estimate
Class I—Acute Health Risks											
Community Public Water Systems											
1	Gold County Estates	NV0003079	950	415	4	0.91	3.63		Private	Nitrate compliance	\$1,200,000
2	Humboldt Co (Grass Valley)	NV0001098	4,000	1,800	2	1.10	2.21		Public	PER/ER - Creation of new water system	\$100,000
Total Class I											\$1,300,000
Class II—Chronic Health Risks											
Community Water Systems											
3	Beatty Water & Sanitation District	NV0000009	1,010	446	12	1.76	21.11	D	Public	PER/ER, Wells 2, & 3 arsenic & fluoride treatment	\$1,970,000
4	Carson City	NV0000015	56,000	16,447	13	1.11	14.39		Public	Completion of Regional Water Project - extension from Washington & Phillips to Quill Treatment Plant	\$7,544,452
5	Humboldt Co (McDermitt)	NV0000162	200	100	13	1.07	13.89		Public	Arsenic treatment	\$700,000
6	Truckee Meadows Water Authority	NV0000190	325,000	91,000	13	1.00	12.94		Public	Groundwater treatment (arsenic, iron, manganese removal) for reliable source during drought (Phase 1 @ \$ 34,339,000) & Transmission Line (Phase 2 @ \$ 16,822,000)	\$51,201,000
7	Truckee Meadows Water Authority	NV0000190	325,000	91,000	13	1.00	12.94		Public	Consolidation of Old 40 West water system w/ TMWA (arsenic compliance)	\$250,000
8	Alamo Sewer & Water GID	NV0000005	900	318	12	1.01	12.15		Public	Arsenic treatment	\$1,692,600
9	Mt Rose Bowl Property Owners' Water Co	NV0000732	120	63	12	0.91	10.98		Private	LCR compliance, new storage tank	\$800,000
10	Silver Knolls Mutual Water Co	NV0004021	400	150	11	0.91	9.98		Private	Arsenic compliance	\$516,000
11	Douglas Co (Fairgrounds/Sunrise Estates)	NV0002540	150	46	13	0.68	8.81		Public	Arsenic compliance	\$2,619,000
Class III—Chronic Health Risks											
Non-Community Water Systems											
12	TRI GID ^a	NV0000913	10,000	200	13	0.92	12.02		Public	Transmission line Expansion - Arsenic compliance-mitigation	\$1,150,000
13	Baker Water & Sewer GID ^a	NV0000863	30	20	11	0.99	10.88		Public	To establish new water system - alternative to un-treated surface water source currently in use - Lehman Creek	\$570,000
Total Class II											\$69,013,052
Class III—Rehabilitation											
Community Public Water Systems											
14	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV0004092	9,300	2,200	50	1.70	85.08	D	Public	SW treatment plant improvements, storage tank rehabilitation, transmission & distribution line replacement, electrical & control systems improvements	\$5,290,000
15	Beatty Water & Sanitation District	NV0000009	1,010	446	44	1.76	77.40	D	Public	Pipeline replacement, controls & other system projects	\$2,592,830
16	Lovelock Meadows Water District	NV0000161	5,278	1,409	42	1.38	58.02	D	Public	New well, transmission line, storage, & other system improvements	\$5,000,000
17	Goconda GID	NV0005029	114	102	44	1.25	55.17	D	Public	Spring rehabilitation, transmission line replacement, new chlorination system, & other system improvements	\$610,000
18	Stoney Co (Virginia City Highlands)	NV0000240	1,400	500	59	0.92	54.56		Public	PER/ER (VC Highlands - new source, storage, transmission & distribution system)	\$125,000
19	Topaz Ranch Estates GID	NV0000239	1,501	730	39	1.33	51.71	D	Public	Rehabilitation/replacement: well, storage tank, transmission & distribution lines	\$13,775,966
20	Humboldt Co (Gold County Estates)	NV0003079	950	415	48	0.91	43.61		Public	Consolidation of Gold County with Humboldt Co; water quality mitigation, SRF loan refinancing	\$2,200,000
21	Douglas Co (Lake Tahoe Systems)	NV0000258 & NV0000259	2,800	1,085	65	0.66	42.58		Public	Replacement/upgrade: storage tank, booster stations, water lines, SCADA, redundant treatment capacity, & meters	\$38,800,000
22	Walker Lake GID	NV0000268	400	160	26	1.64	42.52	D	Public	Distribution rehabilitation; source water treatment	\$6,400,000
23	Las Vegas Valley Water District	NV0000090	1,306,410	354,123	38	1.05	40.02		Public	System rehab: source, storage, distribution & backflow	\$13,209,090
24	Lyon County Utilities (Dayton)	NV0000838	13,000	6,400	42	0.91	38.23		Public	New well, storage, & upgrade transmission & distribution lines	\$9,000,000
25	North Las Vegas, City of	NV0000175	334,800	87,000	38	1.00	37.92		Public	Replacement of 4 wells including disinfection & buildings	\$11,860,000
26	Blue Diamond Water Cooperative, Inc.	NV0000092	85	23	58	0.65	37.69		Private	PER/ER; Rehab/replace source, storage, transmission & other system improvements; possible consolidation?	\$1,741,500
27	Churchill Co (Sand Creek Redundant Well)	NV0000406	750	320	33	1.12	36.90		Public	PER/ER; Churchill Co back-up well, storage, distribution looping, & other system improvements	\$1,300,000
28	Lander Co Sewer & Water Dist 2 (Austin)	NV0000006	350	230	59	0.62	36.31		Public	Source, treatment, storage, transmission & distribution rehabilitation/replacement	\$1,007,000
29	Elko Co (Mountain City)	NV0000170	134	40	23	1.48	34.02	D	Public	Spring rehabilitation & transmission line replacement	\$993,364
30	Carlin, City of	NV0000014	2,500	900	43	0.72	31.06		Public	Rehabilitation/replacement, & meters	\$10,000,000
31	Hawthorne Utilities	NV0000073	3,020	1,894	26	1.18	30.80		Public	Rehabilitation/replacement: distribution mains, source, & storage	\$13,000,000
32	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV0004092	9,300	2,200	18	1.70	30.63	D	Public	Riverbank filtration pretreatment	\$1,308,317
33	Lyon County Utilities (Silver City)	NV0000240	244	116	26	1.16	30.28		Public	Storage tank, transmission & distribution line replacements	\$2,000,000
34	Southern Nevada Water Authority ^a	NV0000289	2,200,000	441,123	29	1.01	29.41		Public	Clark County regional water system modifications: Ozono equipment upgrade, Hacienda Switchgear/MCC Replacement, and South Valley Lateral Actuator Replacement	\$50,600,000
35	Orovada GID	NV0003022	200	50	27	1.07	28.85		Public	Storage, distribution, & meters	\$1,800,000
36	Truckee Meadows Water Authority	NV0000190	325,000	91,000	28	1.00	27.88		Public	Consolidation of Verdi Mutual Water System with TMWA	\$710,000
37	Kingsbury GID (Ponderosa HOA)	NV0000004	3,839	2,450	28	0.98	27.48		Public	Consolidation of Ponderosa HOA with KGID	\$570,355
38	Alamo Sewer & Water GID	NV0000005	900	318	27	1.01	27.34		Public	New storage tank & source	\$3,670,000
39	Silver Springs Mutual Water Co	NV0000222	3,070	1,164	18	1.52	27.33	D	Private	Rehabilitate/replace Liano Well	\$800,000
40	Yerington, City of	NV0000255	1,750	1,088	17	1.60	27.16	D	Public	Replacement of transmission & distribution mains & appurtenances	\$18,904,418

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total PWS Points	State MHI PWS MHI	Revised PWS MHI	D' Ownership	Project Description	Estimate
42	Gold Country Water Company	NV00003079	362	122	26	0.91	26.44	Private	Acquisition/Consolidation of Star City HOA Water System	\$675,000
43	Esmeralda Co (Goldfield)	NV00000072	375	276	11	2.30	25.34	Public	Transmission line replacement	\$3,475,674
44	Crystal Trailer Park	NV00000193	110	40	27	0.86	23.27	Public	Consolidation with TMMWA	\$250,000
45	Meapa Valley Water District	NV00000180	9,000	3,200	28	0.83	23.25	Public	PER/ER New Arrow Canyon Well #3 & Warm Springs 500k Tank	\$4,292,030
46	Kingston Town Water Utility	NV00000285	200	155	18	1.25	22.47	Public	PER/ER New source	\$2,074,000
47	Douglas Co (Uppavay)	NV00000817	85	35	34	0.66	22.27	Public	PER/ER Distribution system upgrades; Consolidation of Uppavay with Glenbrook; & Other system needs for consolidation	\$2,200,000
48	Storey Co (Virginia City)	NV00000240	2,517	694	21	1.02	21.34	Public	Tank & transmission main rehabilitation/replacement	\$7,000,000
49	Tonopah Public Utilities	NV00000237	2,600	1,500	13	1.54	20.03	Public	Airport storage tank replacement & booster pump re-conditioning	\$395,500
50	Reark Estates HOA	NV00000319	62	27	13	1.53	19.94	Private	Replace backup storage tank	\$225,000
51	Silver Springs Mutual Water Co	NV00000223	3,070	1,164	13	1.52	19.74	Private	Rehabilitate/recast north water storage reservoir	\$228,404
52	Esmeralda Co (Silver Peak)	NV00000363	111	75	13	1.44	18.72	Public	Storage tank rehabilitation	\$257,300
53	Virgin Valley Water District	NV00000167	18,000	8,071	18	1.00	17.94	Public	New source(s)	\$4,050,000
54	Elko Co (Montello)	NV00000169	180	75	17	1.03	17.58	Public	PER/ER New source	\$500,000
55	Weed Heights Development, LLC*	NV00000242	560	301	11	1.60	17.58	Private	PER/Storage Tanks repair or replacement	\$507,800
56	Gerlach GD*	NV00000071	120	156	11	1.49	16.41	Public	Rehabilitate transmission line appurtenances between spring sources & town	\$143,000
57	Ely, City of	NV00000038	5,500	2,200	16	0.99	15.83	Public	Distribution main replacements & storage upgrades	\$23,568,000
58	Elko Co (Tuscarora)	NV00000189	40	21	8	1.91	15.31	Public	Distribution system booping	\$229,704
59	Round Hill GD	NV00000260	1,821	480	23	0.64	14.67	Public	PER/ER; Redundant treatment system contact chamber & other system improvements	\$600,000
60	McGill - Ruth GD	NV00000164	700	320	17	0.86	14.65	Public	New water source for Ruth	\$1,624,000
61	Las Vegas Valley Water District (Jean)	NV00000089	160	13	11	1.27	13.93	Public	Storage tank rehabilitation	\$145,000
62	Tonopah, Town of (Tonopah Public Utilities)*	NV00000237	2,211	1,332	9	1.54	13.86	Public	Correction of Main Street Water Utility Conflicts - to achieve NAC Compliance and meet NDOT Standards	\$157,766
63	Esmeralda Co (Goldfield)	NV00000072	375	282	6	2.30	13.82	Public	Metering system upgrade to radio read	\$198,802
64	Las Vegas Valley Water District (Kyle Canyon)	NV00000142	1,040	353	23	0.58	13.33	Public	New source; Rainbow Well discharge line relocation	\$1,230,000
65	Meapa Valley Water District*	NV00000160	9,000	3,200	16	0.83	13.29	Public	PER/EMWD Gubler Main 4" distribution line replacement to meet 6" minimum pipe-size & installation of PRV station	\$679,500
66	Lyon County Utilities	Various	17,000	8,000	11	1.04	11.42	Public	PER/ER for Lyon Co. Utilities expansion to Silver Springs	\$150,000
67	West Wendover, City of	NV00000246	4,406	1,173	11	1.03	11.31	Public	Johnson Spring transmission system - PCCP replacement project	\$1,907,105
68	Vermi Meadows Water Company	NV00000197	510	171	13	0.86	11.20	Private	Storage tank rehabilitation	\$262,361
69	Virgin Valley Water District	NV00000167	18,000	8,071	11	1.00	10.96	Public	Transmission main - Mesquite Heights to Pulte	\$1,080,000
70	Steamboat Springs Water Works, Inc.	NV00000282	989	290	13	0.83	10.83	Private	Tank & appurtenances rehabilitation/replacement	\$500,000
71	Lyon County Utilities (Stagecoach GD)	NV00000224	1,411	580	10	1.04	10.38	Public	Interlie Stagecoach GD with Lyon County Utilities	\$1,280,000
72	McGill - Ruth GD	NV00000164	700	320	12	0.86	10.34	Public	New/Rehabilitate storage tank for Ruth	\$975,000
73	Churchill Co	NV00000406	750	320	9	1.12	10.06	Public	8-inch distribution line extension from Bottom Rd to Alcorn Rd	\$333,325
74	Gardnerville Ranchos GD*	NV00000686	11,312	4,400	9	1.05	9.43	Public	Replace schedule 40 & AC distribution mains throughout system	\$9,350,000
75	West Wendover, City of	NV00000246	4,990	1,103	9	1.03	9.25	Public	Sycamore Way waterline improvement project	\$736,583
76	Silver Springs Mutual Water Company*	NV00000223	3,070	1,194	6	1.52	9.11	Private	Transmission line - Highway 50 Crossing - upgrade & replacement	\$380,000
77	Esmeralda Co (Silver Peak)	NV00000363	111	99	6	1.44	8.64	Public	Metering system upgrade to radio read	\$135,419
78	Douglas Co (West Valley Water System)	NV00020564	1,090	421	17	0.51	8.59	Public	New source	\$3,000,000
79	Nye Co (Gabbs)	NV00000683	411	160	8	1.03	8.25	Public	Distribution line & appurtenances replacement	\$1,658,085
80	Rosemount Water Company	NV00000767	55	26	12	0.68	8.22	Private	Storage tank rehabilitation	\$150,000
81	R&M MHP	NV00000554	130	42	7	1.12	7.82	Private	Distribution system & appurtenances replacement	\$89,426
82	Vermi Meadows Water Company	NV00000196	510	171	9	0.86	7.76	Private	Distribution line & appurtenances replacement	\$1,510,344
83	Meapa Valley Water District*	NV00000160	9,000	3,200	9	0.83	7.47	Public	PER/EMWD Main Street water main replacement - 4" distribution line replacement to meet 6" minimum pipe-size	\$1,200,000
84	Cottonwood MHP	NV00000017	250	91	6	1.11	6.64	Private	PER/ER; distribution system & appurtenances replacement; & other system improvements	\$100,000
85	West Wendover, City of	NV00000246	4,990	1,103	6	1.03	6.17	Public	Water meter & meter yoke replacement	\$1,921,617
86	North Las Vegas, City of	NV00000175	334,800	87,000	6	1.00	5.99	Public	Advanced Metering Infrastructure project	\$27,550,000
87	Ely, City of*	NV00000038	5,500	2,190	6	0.99	5.94	Public	Advanced Metering Infrastructure project - under advise per water conservation plan review	\$18,659,700
88	Canyon GD*	NV00000566	1,250	500	6	0.92	5.55	Public	PER/Well Capacity issue prevention	\$735,000
89	Douglas Co Public Works	Multiple	9,450	3,610	6	0.92	5.53	Public	Telemetry & SCADA improvements	\$1,265,000
90	Lyon County Utilities (Dayton)	NV00000032	13,000	6,400	6	0.91	5.46	Public	Systemwide meter replacement project	\$80,000
91	Humboldt Co (McDermitt)	NV00000162	200	100	5	1.07	5.34	Public	Meter replacement	\$80,000
92	Glenbrook Water Cooperative	NV00000356	1,000	288	8	0.66	5.24	Private	PER; distribution line replacement/looping	\$38,000
93	Las Vegas Valley Water District (Blue Diamond)	NV00000010	550	120	8	0.65	5.18	Public	Distribution line & appurtenances replacement	\$2,239,000
94	Steamboat Springs Water Works, Inc.	NV00000282	989	290	6	0.83	5.00	Private	System metering	\$510,000

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total Points	State MHI/ PWS MHI	Revised Points	D ¹	Ownership	Project Description	Estimate	Funded
95	Trout Canyon Land & Water Users Assoc	NV0004060	140	70	59	0.65	38.23		Private	PER/ER; Repair/rehab spring or replace with well; replace transmission & distribution lines; chlorination; additional storage	\$2,996,000	Y ² & Y ³
Total Class III											\$382,044,295	
Total Class IV												
TOTAL FOR ALL PROJECTS											\$432,357,347	

Class IV--Refinance

Legend:

- ¹ Eligible for Disadvantaged Community Designation
- ² PER & ER or Design Funded only
- ³ Funded by Others
- ⁴ New Project on DWSRF Priority List

Attachment E: Drinking Water Priority List—Effective July 2021

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Cont.	Total Points	State MH/ PWS MH/	Revised Points	D ¹ Points	Ownership	Project Description	Estimate	Funded
Class I—Acute Health Risks												
Community Public Water Systems												
1	Gold Country Estates	NV0003079	950	415	4	0.93	3.73		Private	Nitrate compliance	\$1,200,000	
2	Truckee Meadows Water Authority (Spanish Springs) ⁴	NV0000190	18,750	7,500	5	0.62	3.12		Public	Groundwater Nitrate Bio-remediation	\$1,300,000	
3	Lyon County Utilities Department ⁴	NV0000032	16,985	7,284	3	0.89	2.68		Public	Groundwater Nitrate Mitigation	\$110,000	
4	Humboldt Co (Grass Valley)	NV0001098	4,000	1,600	2	1.01	2.01		Public	PERIER - Creation of new water system	\$100,000	
Total Class I											\$2,710,000	

Class II—Chronic Health Risks												
Community Water Systems												
5	Beatty Water & Sanitation District	NV0000009	1,010	446	12	1.97	23.62	D	Public	PERIER, Wells 2 & 3 arsenic & fluoride treatment	\$1,970,000	Y ²
6	Carson City	NV0000015	56,000	16,447	13	1.08	14.08		Public	Completion of Regional Water Project - extension from Washington & Phillips to Quill Treatment Plant	\$7,544,452	Y ¹
7	Humboldt Co (McDermitt)	NV0000162	200	100	13	1.04	13.53		Public	Asenic treatment	\$700,000	Y
8	Las Vegas Valley Water District (Clark County Regional) ¹	NV0000090	2,200,000	441,123	13	1.02	13.22		Public	Septic to Sewer Conversion Regional (Clark County)	\$9,000,000	
9	Alamo Sewer & Water GD	NV0000005	900	318	12	1.07	12.89		Public	Asenic treatment	\$1,692,600	Y ²
10	Truckee Meadows Water Authority	NV0000190	325,000	91,000	13	0.98	12.72		Public	Groundwater treatment (As, Fe, Mn) (Phase 1) and Transmission Line (Phase 2)	\$51,201,000	
11	MI Rose Bowl Property Owners' Water Co	NV0000732	40	15	12	0.96	11.50		Private	LCR compliance, new storage tank	\$800,000	Y & Y ²
12	Silver Knolls Mutual Water Co	NV0004021	120	63	11	0.91	10.02		Private	Asenic compliance	\$516,000	Y
13	Lyon County Utilities Department ¹	NV0000032	16,985	7,284	11	0.89	9.84		Private	Septic Sewer Conversion (Dayton and Mound House area)	\$120,000	
14	Crystal Trailer Park	NV0000193	110	40	12	0.75	8.99		Private	Consolidation with TMWA - Groundwater Arsenic concern	\$400,000	
15	Douglas Co (Fairgrounds/Sunrise Estates)	NV0002540	150	46	13	0.68	8.84		Public	Asenic compliance	\$2,619,000	
16	Shoshone Water Estates Water Company, Inc ⁴	NV0005028	240	76	11	0.71	7.81		Private	Asenic compliance - New well	\$200,000	
17	Hillcrest Manor Water Users Association ⁴	NV0000145	450	121	4	0.81	3.26		Private	Storage tank repairs/replacement	\$125,000	
Class II—Chronic Health Risks												
Non-Community Water Systems												
18	IRI General Improvement District	NV0000913	10,000	200	13	1.00	13.00		Public	Transmission line Expansion - Arsenic compliance-mitigation	\$1,150,000	
19	Baker Water & Sewer GD	NV0000863	30	20	11	0.85	9.37		Public	To establish new water system - alternative to untreated surface water source currently in use - Lehman Creek	\$570,000	
Total Class II											\$78,608,052	

Class III—Rehabilitation												
Community Public Water Systems												
20	Beatty Water & Sanitation District	NV0000009	1,010	446	44	1.97	86.62	D	Public	Pipeline replacement, Storage upgrade/install, controls & other system projects	\$2,582,830	Y
21	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV0004092	9,300	2,200	50	1.68	83.91	D	Public	SW treatment plant improvements, storage tank rehabilitation, transmission & distribution line replacement, electrical & control systems improvements	\$5,290,000	
22	Golconda GD	NV0005029	114	102	44	1.76	77.36	D	Public	Spring rehabilitation, transmission line replacement, new chlorination system, & other system improvements	\$810,000	
23	Truckee Meadows Water Authority (American Flat) ⁴	NV0000190	30,000	12,000	56	0.98	54.77		Public	Advanced Purified water Demonstration Project at American Flat	\$48,000,000	
24	Storey Co (Virginia City Highlands)	NV0000240	1,400	500	59	0.91	53.72		Public	Storage facility and transmission facilities	\$125,000	
25	Lander Co Sewer & Water Dist 2 (Austin)	NV0000006	350	230	59	0.91	53.48		Public	PERIER (VC Highlands - new source, storage, transmission & distribution system)	\$1,007,000	Y ¹
26	Lovelock Meadows Water District	NV0000161	5,278	1,408	36	1.44	51.87	D	Public	New well, transmission line, storage, & other system improvements	\$5,000,000	Y
27	Topaz Ranch Estates GD	NV0000239	1,501	730	39	1.24	48.17		Public	Rehabilitation/replacement well, storage tank, transmission & distribution lines	\$13,773,956	Y ³
28	Walker Lake GD	NV0000268	400	160	26	1.81	47.00	D	Public	Distribution rehabilitation; source water treatment	\$6,400,000	
29	Douglas Co (Lake Tahoe Systems)	NV000258 & NV000259	2,800	1,065	65	0.72	46.69		Public	Replacement/upgrade, storage tank, booster stations, water lines, SCADA, redundant treatment capacity, & meters	\$38,800,000	
30	Hawthorne Utilities	NV0000073	3,020	1,894	26	1.63	42.43	D	Public	Rehabilitation/replacement - Transmission, distribution mains, source, & storage	\$13,000,000	Y ²
31	Las Vegas Valley Water District	NV0000090	1,306,110	354,123	38	1.06	40.21		Public	System rehab: source, storage, distribution & backflow	\$13,209,090	Y
32	Lyon County Utilities Department ⁴	NV0000032	16,985	7,284	43	0.89	38.47		Public	Drinking water infrastructure rehabilitation - water system model updates, backup power supply, security & communication system needs	\$485,000	
33	North Las Vegas, City of	NV0000175	334,800	87,000	38	1.01	38.34		Public	Replacement of 4 wells including disinfection & buildings	\$11,860,000	Y
34	Lyon County Utilities (Dayton)	NV0000838	13,000	6,400	42	0.89	37.58		Public	New well, storage, & upgrade transmission & distribution lines	\$9,000,000	
35	Elko Co (Mountain City)	NV0000170	134	40	23	1.62	37.22	D	Public	Spring rehabilitation & transmission line replacement	\$993,384	

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total Points	State MHI/ PWS MHI	Revised Points	D1	Ownership	Project Description	Estimate	Funded
36	Blue Diamond Water Cooperative, Inc.	NV0000092	86	23	58	0.63	36.53		Private	PERER: Rehab/replace source, storage, transmission & other system improvements; possible consolidation?	\$1,741,500	
37	Churchill Co (Sand Creek Redundant Well)	NV0000406	750	320	33	1.04	34.45		Public	PERER: Churchill Co back-up well, storage, distribution looping, & other system improvements	\$1,300,000	Y ²
38	Carlin, City of	NV0000014	2,500	900	43	0.76	32.89		Public	PERER: Source, storage, transmission & distribution rehabilitation/replace, & meters	\$10,000,000	Y ²
39	Yerington, City of	NV0000255	1,750	1,088	17	1.90	32.28	D	Public	Replacement of transmission & distribution mains & appurtenances back online.	\$18,904,418	Y ³
40	Truckee Meadows Water Authority (Longley) ⁴	NV0000190	59,700	23,870	23	1.33	30.63	D	Public	Longley Plant upgrades for treatment to get the wells HV well 3 and 4 back online.	\$1,500,000	
41	Las Vegas Valley Water Dist. (Big Bend Water Dist)	NV0004092	9,300	2,200	18	1.68	30.21	D	Public	Riverbank filtration pretreatment	\$1,308,317	Y
42	Oroville General Improvement District (Humboldt County)	NV0003032	200	50	29	1.04	30.18		Public	Storage, Transmission/distribution main, and meters;	\$1,970,000	
43	Silver Springs Mutual Water Company ⁴	NV0000223	3,070	1,198	21	1.41	29.53		Private	Re-habilitation and repair of Lake Well (1979) to address the reduced production and worn out well casing observed/rehabilitation necessary for source redundancy, also.	\$800,000	
44	Southern Nevada Water Authority	NV0000289	2,200,000	441,123	29	1.02	29.50		Public	Clark County regional water system modifications	\$50,600,000	
45	Alamo Sewer & Water GD	NV0000005	900	318	27	1.07	29.00		Public	New storage tank & source (Alamo)	\$3,670,000	
46	Lyon County Utilities (Silver City)	NV0000240	244	116	26	1.11	28.78		Public	Storage tank, transmission & distribution line replacements	\$2,000,000	
47	Fenley, City of	NV0000062	19,500	7,000	30	0.96	28.78		Public	Surface water conveyance & treatment	\$8,000,000	
48	Truckee County ⁴	NV0000240	1,110	803	38	0.74	28.09		Public	Surface water production and treatment (2.2 MSD)	\$6,775,000	
49	Truckee Meadows Water Authority	NV0000190	325,000	91,000	28	0.98	27.39		Public	Consolidation of Verdi Mutual Water System with TMWA	\$710,000	
50	Kingsbury GD (Ponderosa HOA)	NV0000004	3,839	2,450	28	0.97	27.13		Public	Consolidation of Ponderosa HOA with KGD	\$570,355	
51	Gold Country Water Company	NV0003079	360	122	28	0.93	26.12		Private	Acquisition/Consolidation of Star City HoA Water System	\$675,000	Y
52	Roark Estates Homeowners Association	NV0000319	62	27	16	1.61	25.73	D	Private	Replace backup storage tank	\$225,000	
53	Kingsdon Town Water Utility	NV0000265	200	155	18	1.42	25.64	D	Public	PERER: New source (Kingston)	\$2,014,000	
54	Silver Springs Mutual Water Co	NV0000222	3,070	1,164	18	1.41	25.31	D	Private	Rehabilitate/replace Lake Well	\$800,000	
55	Moapa Valley Water District	NV0000160	9,000	3,200	28	0.90	25.30		Public	PERER: New Arrow Canyon Well #3 & Tank projects (Warm Springs Sook Tank, Narrows, and Logtable tank rehab etc)	\$15,715,045	
56	Douglas Co (Uppaway)	NV0000817	85	35	34	0.72	24.42		Public	PERER: Distribution system upgrades, Consolidation of Uppaway with Glenbrook, & Other system needs for consolidation	\$2,200,000	
57	Tongah Public Utilities	NV0000237	2,600	1,900	13	1.66	21.54	D	Public	Airport storage tank replacement & booster pump re-conditioning	\$395,500	
58	Truckee Meadows Water Authority (systemwide) ¹	NV0000190	440,000	1,330,000	23	0.93	21.43		Public	TMWA Systemwide improvements for TTHM mitigation	\$2,500,000	
59	Esmeralda Co (Silver Peak)	NV0000363	111	75	13	1.62	21.00	D	Public	Storage tank rehabilitation	\$257,300	
60	Weed Heights Development, LLC	NV0000242	560	301	11	1.90	20.88	D	Private	PER/Storage Tanks repair or replacement	\$507,800	
61	Las Vegas Valley Water District (Kyle Canyon)	NV0000142	1,040	353	23	0.87	19.92		Public	New source, Rainbow Well discharge line relocation	\$1,230,000	
62	Esmeralda Co (Goldfield)	NV0000072	375	276	11	1.80	19.80	D	Public	Transmission line replacement	\$3,475,674	Y & Y ²
63	Silver Springs Mutual Water Co	NV0000223	3,070	1,164	13	1.41	18.28	D	Private	Rehabilitate/recut north water storage reservoir	\$226,404	Y & Y ²
64	Truckee Meadows Water Authority (Saddlehorn, Upper Toll Rd, STMGD) ¹	NV0000190	15,100	1,000	27	0.65	17.50		Public	Storage, Transmission, and distribution main upgrades	\$3,600,000	
65	Virgin Valley Water District	NV0000167	18,000	8,071	18	0.96	17.23		Public	New source(s)	\$4,050,000	
66	Elko Co (Montello)	NV0000169	180	75	17	0.96	16.35		Public	PERER: New source (Montello)	\$500,000	
67	Ely, City of	NV0000038	5,500	2,200	16	1.01	16.08		Public	Distribution main replacements & storage upgrades	\$23,568,000	
68	Storey Co (Virginia City)	NV0000240	2,517	694	21	0.74	15.53		Public	Tank & transmission main rehabilitation/replace	\$7,000,000	Y ²
69	McGill - Ruth General Improvement District	NV0000164	700	320	17	1.91	15.49		Public	New water source for Ruth (New Well)	\$1,624,000	Y ²
70	Silver Springs Mutual Water Company	NV0000223	3,070	1,194	11	1.41	15.47	D	Private	Transmission line - Highway 50 Crossing - upgrade & replacement	\$380,000	
71	Truckee Meadows Water Authority (North Virginia - Stead Pump Station & South Truckee Meadows) ¹	NV0000190	188,400	75,400	15	1.03	15.40		Public	Transmission, Supply Redundancy, SCADA	\$1,500,000	
72	Round Hill General Improvement District	NV0000260	1,821	480	23	0.65	14.98		Public	PERER: Redundant treatment system contact chamber & other system improvements	\$600,000	
73	Tonopah, Town of (Tonopah Public Utilities)	NV0000237	2,211	1,332	9	1.66	14.91	D	Public	Correction of Main Street Water Utility Conflicts - to achieve NAC compliance and meet NDOT Standards	\$157,766	
74	Storey County - water system ¹	NV0000240	1,110	803	20	0.74	14.79		Public	distribution, transmission, and appurtenances replacement	\$3,345,000	
75	Moapa Valley Water District	NV0000160	9,000	3,200	16	0.90	14.46		Public	PERER: distribution upgrades, and appurtenances replacement	\$679,500	
76	Las Vegas Valley Water District (Jean)	NV0000089	160	13	11	1.27	13.97	D	Public	Storage tank rehabilitation	\$145,000	
77	Elko Co (Tuscarora)	NV0000188	40	21	8	1.65	13.18	D	Public	Distribution system looping (Tuscarora)	\$229,704	
78	Truckee Meadows Water Authority (South-West Reno Pump Zone Phase1) ¹	NV0000190	6,250	2,500	17	0.76	12.96		Public	Transmission Distribution (South-West Reno Pump Zone Consolidation Phase 1)	\$6,680,000	
79	Lyon County Utilities Department ⁴	NV0000032	16,585	7,284	14	0.89	12.53		Public	PER to address LGR in aging distribution and storage system	\$50,000	
80	Steamboat Springs Water Works, Inc.	NV0000282	893	290	13	0.96	12.47		Private	Tank & appurtenances rehabilitation/replace	\$500,000	
81	Lyon County Utilities	Various	17,000	8,000	11	1.06	11.67		Public	PERER for Lyon Co Utilities expansion to Silver Springs (transmission)	\$150,000	
82	Truckee Meadows Water Authority (STMGD Tank#4) ¹	NV0000190	6,800	2,700	11	1.03	11.29		Public	STMGD Tank #4 Booster Pump Station/Transmission line	\$2,550,000	
83	Ely, City of ⁴	NV0000038	1,090	270	11	1.01	11.06		Public	Upgrade Lower East Ely Water Mains	\$8,123,760	
84	Geniach General Improvement District	NV0000071	120	156	11	1.00	11.00		Public	Rehabilitate transmission line appurtenances between spring sources & town	\$143,000	
85	McGill - Ruth General Improvement District	NV0000164	700	320	12	0.91	10.93		Public	New/Rehabilitate storage tank for Ruth	\$975,000	
86	Esmeralda Co (Goldfield)	NV0000072	375	282	6	1.80	10.80	D	Public	Metering system upgrade to radio read	\$198,802	
87	Lyon County Utilities (Stagcoach GD)	NV0000224	1,411	580	10	1.06	10.61		Public	Transmission line - Interlie Stagcoach GD with Lyon County Utilities	\$1,280,000	
88	Virgin Valley Water District	NV0000167	18,000	8,071	11	0.96	10.53		Public	Transmission main - Messjue Heights to Pullie	\$1,080,000	
89	West Wendover, City of	NV0000246	4,406	1,173	11	0.94	10.33		Public	Johnson Spring transmission system - PCCP replacement project	\$1,907,105	
90	Rosemount Water Company	NV0000767	55	26	12	0.83	9.93		Private	Storage tank rehabilitation	\$150,000	

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total Points	State MHI/ PWS MHI	Revised Points	D ¹ Ownership	Project Description	Estimate	Funded
91	Verdi Meadows Water Company	NV0000197	510	171	13	0.75	9.74	Private	Storage tank rehabilitation	\$282,361	
92	Esmeralda Co (Silver Peak)	NV0000363	111	99	6	1.62	9.69	D	Metering system upgrade to radio read	\$135,419	
93	Douglas Co (West Valley Water System)	NV0002564 & NV0002054	1,090	421	17	0.56	9.57	Public	New source	\$3,000,000	
94	Churchill Co	NV0000406	750	320	9	1.04	9.40	Public	8-inch distribution line extension from Bottom Rd to Alcom Rd	\$333,325	
95	Gardnerville Ranchos General Improvement District	NV0000066	3,000	1,370	9	1.01	9.13	Public	Distribution line and appurtenances replacement	\$9,350,000	
96	West Wendover, City of	NV0000246	4,990	1,103	9	0.94	8.45	Public	Sycamore Way waterline improvement project	\$736,583	
97	Nye Co (Gabbs)	NV0000063	411	160	8	1.05	8.43	Public	Distribution line & appurtenances replacement (Gabbs)	\$1,658,085	
98	Strey County - Siphon Replacement (Virginia City) ¹	NV0000240	1,110	803	11	0.74	8.13	Public	Upgrade the siphon and transmission main	\$8,850,000	
99	Moapa Valley Water District	NV0000160	9,000	3,200	9	0.90	8.13	Public	PER/MWD Main Street water main/distribution line replacement	\$1,200,000	
100	R&M Mobile Home Park	NV0000054	130	42	7	1.04	7.27	Private	Distribution system Rehab & appurtenances replacement	\$69,426	
101	Verdi Meadows Water Company	NV0000196	510	171	9	0.75	6.74	Private	Distribution line & appurtenances replacement	\$1,510,344	
102	Cottonwood Mobile Home Park	NV0000017	250	91	6	1.08	6.50	Private	PERER, distribution system & appurtenances replacement, & other system improvements	\$100,000	
103	North Las Vegas, City of	NV0000175	334,800	87,000	6	1.01	6.05	Public	Advanced Metering Infrastructure project	\$27,550,000	Y
104	Ely, City of	NV0000038	5,500	2,190	6	1.01	6.03	Public	Advanced Metering Infrastructure project -under advise per water conservation plan review	\$18,659,700	
105	Steamboat Springs Water Works, Inc.	NV0000282	989	290	6	0.96	5.76	Private	System metering	\$510,000	
106	Glenbrook Water Cooperative	NV0000356	1,000	288	8	0.72	5.75	Private	PER, distribution line replacement/looping	\$38,000	
107	West Wendover, City of	NV0000246	4,990	1,103	6	0.94	5.64	Public	Water meter & meter yoke replacement	\$1,921,617	
108	Truckee Meadows Water Authority (Emergency Operations Building) ⁴	NV0000190	440,000	1,330,000	6	0.93	5.59	Public	Emergency Operations/NAC compliance	\$2,000,000	
109	Las Vegas Valley Water District (Blue Diamond)	NV0000010	550	120	8	0.69	5.52	Public	Distribution line & appurtenances replacement	\$2,239,000	
110	Canyon General Improvement District	NV0000506	1,250	500	6	0.91	5.46	Public	PER/Wal Capacity for maintaining NAC compliance	\$735,000	
111	Douglas Co Public Works	Multiple	9,450	3,610	6	0.90	5.42	Public	Telemetry & SCADA improvements	\$1,265,000	
112	Lyon County Utilities (Dayton)	NV0000032	13,000	6,400	6	0.89	5.37	Public	Systemwide meter replacement project	\$1,150,000	
113	Humboldt Co (McDermitt)	NV0000162	200	100	5	1.04	5.20	Public	Water replacement	\$80,000	
Class III--Rehabilitation Non-Community Public Water Systems											
114	Trout Canyon Land & Water Users Assoc	NV0000460	140	70	59	0.69	40.70	Private	PERER; Repair/rehab spring or replace with well; replace transmission & distribution lines; chlorination; additional storage	\$2,996,000	Y ² & Y ³
Total Class III										\$467,926,070	
Class IV--Refinance											
115	Humboldt Co (Gold County Estates)	NV0000379	950	415	4	0.89	3.56	Public	Consolidation of Gold County with Humboldt Co; water quality mitigation, SRF bond refinancing	\$800,000	
Total Class IV										\$800,000	
TOTAL FOR ALL PROJECTS										\$550,044,122	

Legend:
¹ Eligible for Disadvantaged Community Designation
² PER & ER or Design funded only
³ Funded by Others
⁴ New Project on DWSRF Priority List

Projects completed or to be removed for other reasons
 Project to stay on the list
 New projects

Attachment F: DWSRF Banked Authority

Grant Award Date Grant Name Amount			2% Small System Technical Assistance				
			Award	Amend Authority	Banked Authority	Banked Authority Used	Total Used for Set-aside
9/1/1999	FS-99996099	14,585,100	291,702				291,702
11/21/1999	FS-99996098	12,558,800	223,608				223,608
8/24/2001	FS-99996001	7,757,000	155,140				155,140
7/29/2002	FS-99996002	15,841,600	124,626	192,206			316,832
9/24/2003	FS-99996003	8,004,100	160,082				160,082
1/18/2005	FS99996005	8,303,100	166,062				166,062
7/5/2005	FS99996005-1	8,285,500	165,710				165,710
6/16/2006	FS99996006	8,229,300	164,586				164,586
7/3/2007	FS99996007	8,229,000	164,580		108,050	(108,050)	56,530
10/1/2008	FS99996008	8,146,000	162,920				162,920
9/2/2009	0F00T04909 0 ARRA	19,500,000	390,000		390,000	(28,870)	0
5/1/2010	FS99996010-0	21,719,000	434,380				434,380
9/20/2011	FS99996011	9,268,000	185,360				185,360
8/9/2012	FS99996012	9,125,000	182,500				182,500
9/20/2013	FS99996013	8,421,000	168,420		168,420		0
9/18/2014	FS99996014	12,614,000	252,280	127,930	24,350		227,930
9/29/2015	FS99996015	12,531,000	250,620		100,620		150,000
8/16/2016	FS99996016	11,854,000	237,080	164,000	27,080	136,920	374,000
9/8/2017	FS99996017	11,753,000	235,060	(62,450)	62,450		172,610
9/20/2018	FS99996018	12,876,000	257,520		81,857		175,663
8/29/2019	FS99996019	12,756,000	255,120		0		255,120
Pending	FS99996019-2	116,000	2,320		2,320		0
9/17/2020	FS99996020	12,764,000	255,280		82,730		172,550
Pending	FS99996021	12,752,000	255,040		169,963		85,077
267,988,500			4,114,716	421,686	880,970	0	3,589,952

			4% Administration				
Grant Award Date	Grant Name	Amount	Award	Amend Authority	Banked Authority	Banked Authority Used	Total Used for Set-aside
9/1/1999	FS-99996099	14,585,100	583,404				583,404
11/21/1999	FS-99996098	12,558,800	502,352				502,352
8/24/2001	FS-99996001	7,757,000	310,280				310,280
7/29/2002	FS-99996002	15,841,600	249,251	384,413			633,664
9/24/2003	FS-99996003	8,004,100	320,164				320,164
1/18/2005	FS99996005	8,303,100	332,124				332,124
7/5/2005	FS99996005-1	8,285,500	331,420				331,420
6/16/2006	FS99996006	8,229,300	329,172		128,168	(112,168)	201,004
7/3/2007	FS99996007	8,229,000	329,160		329,160	(55,172)	0
10/1/2008	FS99996008	8,146,000	325,840				325,840
9/2/2009	0F00T04909 0 ARRA	19,500,000	780,000		763,230		16,770
5/1/2010	FS99996010-0	21,719,000	868,760		231,804		636,956
9/20/2011	FS99996011	9,268,000	370,720				370,720
8/9/2012	FS99996012	9,125,000	365,000		65,000		300,000
9/20/2013	FS99996013	8,421,000	336,840				336,840
9/18/2014	FS99996014	12,614,000	504,560		404,560		100,000
9/29/2015	FS99996015	12,531,000	501,240		126,240		375,000
8/16/2016	FS99996016	11,854,000	474,160	361,500	194,160	167,340	641,500
9/8/2017	FS99996017	11,753,000	470,120	(154,000)	154,000		316,120
9/20/2018	FS99996018	12,876,000	515,040		265,764		249,276
8/29/2019	FS99996019	12,756,000	510,240		98,240		412,000
Pending	FS99996019-2	116,000	4,640		4,640		0
9/17/2020	FS99996020	12,764,000	510,560		90,930		419,630
Pending	FS99996021	12,752,000	510,080		189,650		320,430
		267,988,500	8,284,567	591,913	2,396,322	0	6,634,158

			10% State Program Management				
Grant Award Date	Grant Name	Amount	Award	Amend Authority	Banked Authority	Banked Authority Used	Total Used for Set-aside
9/1/1999	FS-99996099	14,585,100	1,396,795				1,396,795
11/21/1999	FS-99996098	12,558,800	559,006				559,006
8/24/2001	FS-99996001	7,757,000	742,433				742,433
7/29/2002	FS-99996002	15,841,600	623,128	961,032			1,584,160
9/24/2003	FS-99996003	8,004,100	800,410				800,410
1/18/2005	FS99996005	8,303,100	516,926				516,926
7/5/2005	FS99996005-1	8,285,500	296,998				296,998
6/16/2006	FS99996006	8,229,300	642,027				642,027
7/3/2007	FS99996007	8,229,000	635,121				635,121
10/1/2008	FS99996008	8,146,000	703,000				703,000
9/2/2009	0F00T04909 0 ARRA	19,500,000	1,950,000		1,505,821	(955,400)	444,179
5/1/2010	FS99996010-0	21,719,000	2,171,900		510,222		1,661,678
9/20/2011	FS99996011	9,268,000	926,800		171,378		755,422
8/9/2012	FS99996012	9,125,000	912,500		794,334		118,166
9/20/2013	FS99996013	8,421,000	842,100		842,100		0
9/18/2014	FS99996014	12,614,000	1,261,400	562,625	698,775		562,625
9/29/2015	FS99996015	12,531,000	1,253,100		303,100		950,000
8/16/2016	FS99996016	11,854,000	1,185,400	955,400	45,400	955,400	2,095,400
9/8/2017	FS99996017	11,753,000	1,175,300		45,301		1,129,999
9/20/2018	FS99996018	12,876,000	1,287,600		259,432		1,028,168
8/29/2019	FS99996019	12,756,000	1,275,600		175,600		1,100,000
Pending	FS99996019-2	116,000	11,600		11,600		0
9/17/2020	FS99996020	12,764,000	1,276,400		0		1,276,400
Pending	FS99996021	12,752,000	1,275,200		8,662		1,266,538
		267,988,500	18,594,344	2,479,057	4,916,431	0	15,594,345