



Drinking Water State Revolving Fund

Intended Use Plan State Fiscal Year 2022

2ND Amended

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

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List of Acronyms

AB - Assembly Bill
AMP – Asset Management Plan
ARRA - American Recovery and Reinvestment Act of 2009
BABAA – Build America, Buy America Act of 2021
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
ER – Environmental Review
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
PER – Preliminary Engineering Report
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

2nd Amended Intended Use Plan

The 2022 Drinking Water State Revolving Fund Intended Use Plan was amended to include Nevada’s planned funding from the Infrastructure Investments and Jobs Act, also known as the Bipartisan Infrastructure Law (BIL).

The following sections are being amended to include BIL funding:

- Federal Grant amounts available for Nevada
- Project Eligibility, Criteria, and Selection
- Set-aside Activities
 - Small System Technical Assistance
 - Administration
 - State program management
 - Local Assistance and other state programs
- Financial Management
 - Grant match requirements
 - Sources and Uses table
 - Transfers
- Attachment B: DWSRF Principal Forgiveness Loans
- Attachment C: DWSRF Project Fundable List
- Attachment F: DWSRF Banked Authority

All other sections of the 1st Amended Intended Use Plan remain the same.

1st Amended Intended Use Plan

The 2022 Drinking Water State Revolving Fund Intended Use Plan was amended to include Nevada’s planned funding from the Infrastructure Investments and Jobs Act, also known as the Bipartisan Infrastructure Law (BIL).

The following sections are being amended to include BIL funding:

- Federal Grant amounts available for Nevada
 - BIL Funding, including subsidy and set-aside activities
- Project Eligibility, Criteria, and Selection
 - To include BIL funding requirements
- Set-aside Activities
 - Small System Technical Assistance
 - Administration
 - State program management
 - Local Assistance and other state programs

- Financial Management
 - Grant match requirements
 - Sources and Uses table
- Attachment B: DWSRF Principal Forgiveness Loans
- Attachment C: Fundable List
- Attachment E: Drinking Water Priority List Effective June 2022
- Attachment F: DWSRF Banked Authority

All other sections remain the same as the original 2022 Intended Use Plan.

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 2022 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 2020 Appropriation Bill.

Additionally, Congress and the President passed and signed into law the Bi-partisan Infrastructure Law (BIL) that is expected to provide Nevada additional resources over the next five years. A separate IUP will be prepared and made available for public comment for those grants when Nevada is prepared to apply for funding. This IUP will only address the FFY 2022 appropriations bill.

Nevada plans to request the following from the appropriations act:

Federal Grant Awards available to Nevada		
	Available	2022 Plan
2020 Base Appropriation Re-allotment	\$116,000	\$116,000
2022 Base Appropriation	\$8,123,000	\$8,123,000
2022 BIL Supplemental	\$20,857,000	\$20,857,000
2022 BIL Emerging Contaminants (EC)	\$8,758,000	\$8,758,000
2022 BIL Lead Service Lines	\$32,864,000	\$0
2022 BIL EC transfer to CWSRF	(\$2,890,140)	(\$2,890,140)

Federal Capitalization Grant Awards			
	2022	2020*	Total
Total Amount Provided as Subsidy	\$3,980,270	\$0	\$3,980,270
Mandate to Disadvantaged Communities	\$2,843,050	\$0	\$2,843,050
Mandate to qualified entities	\$1,137,220	\$0	\$1,137,220
Total Amount for Set-asides	\$3,813,270	\$116,000	\$3,929,270
2% Small systems technical assistance	\$228,780	\$116,000	\$344,780
4% Administration	\$818,520	\$0	\$818,520
10% State program management	\$1,547,520	\$0	\$1,547,520
15% Local assistance	\$1,218,450	\$0	\$1,218,450
Amount provided as Loans	\$329,460	\$0	\$329,460
Total Award	\$8,123,000	\$116,000	\$8,239,000
Federal Match requirement	\$1,624,600	\$23,200	\$1,647,800

*Re-allocation of other state capitalization grants

Federal Capitalization Grant Awards		
	2022	2020*
Total Amount Provided as Subsidy	49.00%	0.00%
Mandate to Disadvantaged Communities	35.00%	0.00%
Mandate to qualified entities	14.00%	0.00%
Total Amount for Set-asides	46.94%	100.00%
2% Small systems technical assistance	2.816%	100.00%
4% Administration	10.077%	0.00%
10% State program management	19.051%	0.00%
15% Local assistance	15.000%	0.00%
Amount provided as Loans	4.06%	0.00%
Total Award	100.00%	100.00%

*Re-allocation of other state capitalization grants

Federal BIL Grant Awards				
	Supplemental	Emerging Contaminants	Lead Service Lines	Total
Total Amount Provided as Subsidy	\$10,219,930	\$4,379,000	\$0	\$14,598,930
Mandate to Disadvantaged Communities	\$10,219,930	\$4,379,000	\$0	\$14,598,930
Total Amount for Set-asides	\$6,465,670	\$1,488,860	\$0	\$7,954,530
2% Small systems technical assistance	\$417,140	\$175,160	\$0	\$592,300
4% Administration	\$834,280	\$0	\$0	\$834,280
10% State program management	\$2,085,700	\$0	\$0	\$2,085,700
15% Local assistance	\$3,128,550	\$1,313,700	\$0	\$4,442,250
Amount Transferred to CWSRF	\$0	\$2,890,140	\$0	\$2,890,140
Amount provided as Loans	\$4,171,400	\$0	\$0	\$4,171,400
Total Award	\$20,857,000	\$8,758,000	\$0	\$29,615,000
Federal Match requirement	\$2,085,700	\$0	\$0	\$2,085,700

Federal BIL Grant Awards			
	Supplemental	Emerging Contaminants	Lead Service Lines
Total Amount Provided as Subsidy	49.00%	50.00%	0.00%
Mandate to Disadvantaged Communities	49.00%	50.00%	0.00%
Total Amount for Set-asides	31.00%	17.00%	0.00%
2% Small systems technical assistance	2.000%	2.000%	0.000%
4% Administration	4.000%	0.000%	0.000%
10% State program management	10.000%	0.000%	0.000%
15% Local assistance	15.000%	15.000%	0.000%
Amount Transferred to CWSRF	0.00%	33.00%	0.00%
Amount provided as Loans	20.00%	0.00%	0.00%
Total Award	100.00%	100.00%	0.00%

1) Goals

Nevada's Short-Term Goals

- Provide financial assistance to recipients outlined on Nevada's 2022 Appropriations Fundable List (**Attachment C**).
- Ensure compliance with all pertinent federal, state, and local laws and regulations.
- 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 organizations to provide technical assistance for capacity development in drinking water systems.
- Evaluate the risk to Nevada's Drinking Water to per- and polyfluoroalkyl substances (PFAS) contamination using the 2022 Nevada PFAS Action Plan.
- Help systems address emerging contaminants in their communities.
- Provide additional staff support to maximize the use of the multiple funding opportunities for small and disadvantaged communities, allowing Nevada to build PWS capacity.

Nevada's Long-Term Goals

- Continue to assist Nevada's communities with fulfilling 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 asset management 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.
- Engage 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.
- Address emerging contaminants, especially PFAS, in communities through direct funding of projects that will capture, treat, and mitigate emerging contaminants.

2) 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.

Special BIL Funding for Emerging Contaminants

- For a project or activity to be eligible for funding under this appropriation, it must be otherwise DWSRF eligible, and the primary purpose must be to address emerging contaminants in drinking water. Given the clear Congressional intent that these funds focus on projects addressing perfluoroalkyl and polyfluoroalkyl substances (hereinafter PFAS), EPA expects Nevada to actively solicit and prioritize PFAS-focused projects. Nevada, however, has the flexibility to fund projects for any contaminant in any of EPA's Contaminant Candidate Lists. Some of the eligible project types from the Contaminant Candidate List include, but are not limited to:
 - Cyanobacteria (blue-green algae)
 - Pesticides
 - Pharmaceuticals
 - Biological toxins
 - Disinfection byproducts.
- Emerging contaminant costs associated with the construction of a new treatment facility or upgrade to an existing treatment facility that addresses emerging contaminants.
- Development of a new source (i.e., new/replacement well or intake for a public water system) that addresses an emerging contaminant issue [Note: water rights purchases must still meet the criteria in the Class Deviation for Water Rights].

- Consolidation with another water system that does not have emerging contaminants present or has removal capability.
- Costs for planning and design and associated pre-project costs.
- Infrastructure related to pilot testing for treatment alternatives.
- Creation of a new community water system to address unsafe drinking water provided by individual (i.e., privately-owned) wells or surface water sources.

Special BIL Funding for Lead Service Lines

- For a project or activity to be eligible for funding under this appropriation, it must be otherwise DWSRF eligible, and be a lead service line replacement (LSLR) project or associated activity *directly connected* to the identification, planning, design, and replacement of lead service lines.
 - A lead service line is defined as a line which connects the water main to the building inlet. A lead service line may be owned by the water system, owned by the property owner, or both. For the purposes of this subpart, a galvanized service line is considered a lead service line if it ever was or is currently downstream of any lead service line or service line of unknown material. If the only lead piping serving the home or building is a lead gooseneck, pigtail, or connector, and it is not a galvanized service line that is considered an LSL the service line is not a lead service line.
 - EPA has expanded the eligible uses beyond the definition above to also include the replacement of lead goosenecks, pigtails, and connectors as eligible expenses, whether standalone or connected to a lead service line.
- Removal of lead service lines (public and privately owned portion) or service lines made of galvanized iron or galvanized steel (that are currently or have previously been downstream of lead components) and replacement with a pipe that meets the requirements established under 40 CFR 143 and which complies with state and local plumbing codes and or building codes.
- Removal of lead or galvanized goosenecks, pigtails, and connectors, and replacement with an acceptable material that meets the requirements established under 40 CFR 143 and which complies with state and local plumbing codes and or building codes.
- Replacement of curb stops, curb stop boxes, and other service line appurtenances that are removed as part of full LSLR.
- Site restoration, including landscaping, sidewalks, driveways, etc. if the removal was necessary to replace the lead service line.
- Permit fees if the fees are normal, required, and specific to the LSLR. It is recommended that communities waive these fees.
- Temporary pitcher filters or point-of-use (POU) devices certified by an American National Standards Institute accredited certifier to reduce lead during or for a short time period after LSLR projects.

- Development or updating of lead service line inventories, including locating and mapping lead service lines. Methods of investigation to develop inventories could include visual observation, water quality sampling (non-compliance), excavation, vacuum or hydro-excavation, statistical analysis, or other emerging technologies.
- Planning and design for infrastructure projects listed above.
- Non-routine lead sampling (if not for compliance purposes) as part of a LSLR project.

OFA considers the health and safety of the citizens and visitors of Nevada its first priority. OFA conservatively estimates the needs of the water 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 or maintaining water quality standards. OFA accounts for these challenges by having direct dialogue with operators, 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 each 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 2021 and **Attachment E** for the Priority List effective July 2022. A project pre-application can be submitted at any time through the Nevada Infrastructure Financial System (NIFS)¹.

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 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 personnel have the technical knowledge to efficiently operate and maintain the system. As part of reviewing a loan applicant's TMF capacity survey, OFA

¹ <https://ndepifs.nv.gov>

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 April 2021 for the Drinking Water Priority List. A publicly noticed workshop was held on July 7, 2021, at 9:00am. The Drinking Water Priority List—Effective July 2021 was then approved by the Board for Financing Water Projects on July 27, 2021 per NRS 445A.265(3)(b).

NDEP sent out solicitations in February 2022 for the Drinking Water Priority List. A publicly noticed workshop was held on June 23, 2022, at 1:00pm. The Drinking Water Priority List—Effective July 2022 was then approved by the Board for Financing Water Projects on June 29, 2022 per NRS 445A.265(3)(b).

To ensure that the public has an opportunity to review our proposed plans for the DWSRF, the 2022 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.

3) 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

² <https://ndep.nv.gov/posts>

- Hydraulic modeling
- Operation and maintenance manuals
- Digital mapping of system assets
- Budgeting, rate setting, board training, general office, and business training
- Non-routine sampling for emerging contaminants
- Lead and copper inventory assistance

Small Systems Technical Assistance Set-Aside (2% of grant)					
	Base Appropriation	BIL Supplemental	BIL EC	BIL Lead Service Lines	TOTAL
Requested Amount	\$228,780	\$417,140	\$175,160	\$0	\$821,080
Maximum Amount	\$164,780	\$417,140	\$175,160	\$0	\$757,080
Change in banked balance	(\$64,000)	\$0	\$0	\$0	(\$64,000)
Banked Balance end of SFY 2022	\$875,520	\$0	\$0	\$0	\$875,520

The decrease in banked balances for Small Systems Technical Assistance will not have a negative impact on our future ability to meet the needs of Nevada Small Systems nor on our ability to qualify for future grant funding.

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 (4% of grant)					
	Base Appropriation	BIL Supplemental	BIL EC	BIL Lead Service Lines	TOTAL
Requested Amount	\$818,520	\$834,280	\$0	\$0	\$1,652,800
Maximum Amount	\$329,560	\$834,280	\$350,320	\$0	\$1,514,160
Change in banked balance	(\$488,960)	\$0	\$350,320	\$0	(\$138,640)
Banked Balance end of SFY 2022	\$2,389,246	\$0	\$350,320	\$0	\$2,739,566

The SRF program has increased staff to meet the increasing needs of the program. The decrease in banked balances for Administration will not have a negative impact on our future ability to meet the needs of Nevada water systems nor on our ability to qualify for future grant funding.

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 PWS data 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, the Strategic Performance Measure, 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.

BSDW staff support capacity development through routine communication, coordinating technical assistance, and providing support to public water systems. OFA staff support capacity development through subgrant agreements, and the coordination, monitoring, and reporting of third-party vendors.

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 (10% of grant)					
	Base Appropriation	BIL Supplemental	BIL EC	BIL Lead Service Lines	TOTAL
Requested Amount	\$1,547,520	\$2,085,700	\$0	\$0	\$3,633,220
Maximum Amount	\$823,900	\$2,085,700	\$875,800	\$0	\$3,785,400
Change in banked balance	(\$723,620)	\$0	\$875,800	\$0	\$152,180
Banked Balance end of SFY 2022	\$3,692,705	\$0	\$875,800	\$0	\$4,568,505

The decrease in banked balances for State Program Management will not have a negative impact on our future ability to meet the needs of Nevada water systems nor on our ability to

qualify for future grant funding. The BIL Funding grant has Set Asides available that will cover these increased costs in future years.

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.

Nevada will review the authority in the 15% set-aside to provide loans and/or grants to water systems for the benefit of septic-to-sewer conversions and well abandonment that protect ground water. If legally available within state statutes, Nevada will begin to work with systems and assistance providers to address these needs in the 15% set-aside.

Nevada will review the authority in the 15% set-aside to provide loans and/or grants to water systems for the benefit of planning and environmental reviews needed for project construction. If legally available within state statutes, Nevada will begin to work with systems and assistance providers to address these needs through the 15% set-aside. In the meantime, Nevada will continue to provide funding for Preliminary Engineering Reports (PER's) and Environmental Reviews (ER's) through the loan program.

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
- Updating Source Water Assessments

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, reduce risk from wildfires, and drought mitigation efforts. Capacity development support will be expanded to include:

- Assistance with compliance with DWSRF programmatic requirements such as Davis-Bacon, AIS, and BABAA.
- Lead and copper inventories
- Special, non-routine monitoring and sampling for emerging contaminants

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).

Area-Wide Optimization Program

The Area-Wide Optimization Program (AWOP) provides tools and approaches for drinking water systems to meet water quality optimization goals and provide an increased – and sustainable – level of public health protection to their consumers. AWOP is a voluntary program for which Nevada plans to initiate staff training in 2023. AWOP will provide additional tools allowing the State to provide compliance assistance through optimization, particularly for small- and medium-sized systems. The program teaches problem-solving skills designed to improve operations at drinking water systems without costly capital improvements. Nevada has an increasing number of water systems treating their drinking water, in particular for arsenic and surface water, and AWOP will provide an opportunity to partner with water systems to enhance efforts to maintain long-term compliance.

NDEP has been coordinating with EPA to provide training for the AWOP program. NDEP will be reserving up to \$130,000 for this training with EPA and their contractors.

In SFY 2022, NDEP will work to further integrate its statewide 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 Set-Aside (15% of grant)					
	Base Appropriation	BIL Supplemental	BIL EC	BIL Lead Service Lines	TOTAL
Requested Amount	\$1,218,450	\$3,128,550	\$1,313,700	\$0	\$5,660,700
Maximum Amount	\$1,235,850	\$3,128,550	\$1,313,700	\$0	\$5,678,100
Change in banked balance	\$0	\$0	\$0	\$0	\$0
Banked Balance end of SFY 2022	\$0	\$0	\$0	\$0	\$0

4) Loan Requirements and Program Assurances

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

Additional subsidy criteria

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

American Iron and Steel

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

Binding Commitments

Nevada will enter into binding commitments equal to at least 120 percent of each grant payment within one year after receipt (on a cumulative basis), in accordance with the U.S. Code of Federal Regulations 40 CFR 35.3135(c)(2). Nevada defines a binding commitment when the Board for Financing Water Projects approves the resolution for funding the project.

Build America / Buy America Act (BABAA)

Nevada will ensure borrowers identified as an equivalent project comply with the Build America / Buy America Requirement on any project funded with DWSRF funds that executes a new or amended loan agreement after May 14, 2022, unless an EPA approved waiver is issued.

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 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.

Cost and Effectiveness

DWSRF applicants must certify that the proposed water project is feasible from an engineering and legal standpoint, is economically justified and is financially feasible in conformance with NAC 445A.67619.

Davis-Bacon Wage Act

Nevada will ensure all 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 identified as an equivalent project 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).

Disadvantaged Community definition

Nevada has defined a disadvantage community as an area served by a public water system in which the median household income is less than 80 percent of the state

median household income (NAC 445A.675245). NDEP is working through the regulatory change process to broaden this definition to include other factors as employment factors, loan affordability criteria, government assistance, and climate impacts. These proposed changes are not anticipated to be completed until late calendar year 2022 or early 2023.

Emerging Contaminants

Funding provided to Nevada from the BIL Emerging Contaminants grants will be used in accordance with federal law and EPA guidance. Nevada will continue to prioritize systems addressing Per- and polyfluoroalkyl substances with this funding. Should projects that do not address Per- and polyfluoroalkyl substances materialize, Nevada will concentrate these funds on addressing any item on the EPA Contaminant Candidate Lists.

Transfers to the CWSRF are planned to fund septic-to-sewer consolidations for those septic systems that have failed and are impacting groundwater. Septic systems typically contain household waste that includes various items on the CCL 1-5 list that are eligible for funding (pesticides, pharmaceuticals, clean by-products, etc.) Capturing this effluent and routing it to a treatment plant that is designed to treat the emerging contaminants directly addresses the intent of this funding.

Examination of plans and specifications

An examination of plans and specifications of the project will be conducted to determine if the design is consistent with the facilities described in the proposed project. An applicant shall submit a design report and a final set of specifications and plans before advertising for bids.

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.

Equivalency Projects

Congress requires projects funded by the DWSRF to meet certain requirements as part of the grant funding agreement Nevada enters into with EPA. Some of those requirements are only required to be followed on certain projects, called equivalency projects. Those projects are identified on Nevada's fundable list in Appendix B. Nevada must ensure that projects totaling the amount of the grant are identified as equivalency projects.

Nevada will ensure that all projects that receive an amount equal to the grant amount comply with all federal requirements, including Build America, Buy America Act (BABAA), Disadvantaged Business Enterprise, and Federal Crosscutters.

Expedient and timely expenditures

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

Federal Crosscutters

Nevada will ensure borrowers identified as an equivalent project comply with other federal crosscutters, where applicable, that are allowed to be followed on an equivalency basis. Nevada will ensure borrowers follow all federal crosscutters, including Title VI of the Civil Rights Act, where the law requires all borrowers must follow federal requirements.

Loan Refinancing

- Nevada will consider refinancing qualifying debt obligations for projects if the debt was incurred and construction initiated after July 1, 1993. NDEP will assess every request on a first-come, first-served basis, and can deny an application for good cause.
- NDEP will not refinance loans that were solely for the purchase of land.
- NDEP cannot refinance loans for privately held entities.
- The system must be listed on Nevada's Drinking Water Priority List as an eligible entity and project.
- The project must have met all DWSRF programmatic conditions and federal cross-cutter requirements required by the EPA at the time the original loan was signed.

Procurement of contracts

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

Small System Funding

Nevada will ensure at least 15 percent of the projected program 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).

Telecommunications prohibition

Nevada has included in our funding agreements that a recipient must comply with 2 CFR 200.216 from procuring or obtaining telecommunication equipment as described in Public Law 115-232, Section 889, covered telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

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).

5) Financial Management

Grant match requirements

The SDWA requires states to provide a 20-percent match to the base program capitalization grant. Nevada issues general obligation bonds – additionally secured by pledged revenues – to meet this match requirement. In SFY 2023, Nevada issued \$5,000,000, which satisfied the match requirement for the base and BIL grants through SFY 2022.

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 2022 but reserves the right to issue leverage bonds should projects need more expeditious funding.

Fee income

OFA has not established a fee requirement for drinking water loans. However, statutory authority exists for OFA to do so. OFA is currently preparing regulation changes that will allow for a service fee. If those regulations are approved, an amended IUP will be prepared to address the use of service fees that will support the administration of the program. It is anticipated that the regulation changes will not take effect until State Fiscal Year 2023.

Auditing

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

fiscal year and will 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, and
- Capital improvement plans.

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

- Working capital,
- Operating ratio (before non-cash expenses), and
- 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. OFA is currently preparing regulation changes that will allow for 30-year terms for traditional loans, and up to 40-year terms for disadvantaged communities. It is anticipated that those regulation changes will take effect in State Fiscal Year 2023.

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;
- The first principal draw on the loan must be five years old or older;
- The early payoff or restructuring cannot violate tax-exempt bond law;
- The borrower must demonstrate the need and/or benefit of early payoff and/or restructure to the users of the system;
- The State Treasurer's Office must also agree to the payoff;
- Loans can only be restructured one time. If the loan was previously restructured, it cannot be paid early at a later date.

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 are 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 debt management policy was updated May 10, 2022, to now read the following:

- The interest rate for SRF project loans that are not equivalency projects with 20-year terms will be 59% of market rate most recently published in the Bond Buyer 20 index prior to closing. The rate for a 30-year term loan will use the Municipal Market Data (MMD) scale to adjust the Bond Buyer Index to a 30-year term.
- The interest rate for SRF project loans that are equivalency projects, or systems meeting the affordability criteria, with 20-year terms will be 54% of market rate most recently published in the Bond Buyer 20 index prior to closing. The rate for a 30-year term loan will use the MMD scale to adjust the Bond Buyer Index to a 30-year term.
- The interest rate for refinancing existing SRF project loans (average life of the refunding bonds is ten years or less) or municipal debt incurred for a SRF qualified project (average life of the refunding bonds is ten years or less) shall 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 a basis point spread if the Treasurer's Office believes it warranted.

- For SRF project loans that are receiving federal funding that does not require a match, the Nevada Intended Use Plan will outline the interest rate used for any loan portion of those funding agreements. For SFY 2022, that loan interest rate would be 0.00%.

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 or re-loan funds only.

Projects addressing emerging contaminants will first come from federal funds authorized for this project.

Estimated FY2022 and Cumulative Sources and Uses			
	Cumulative Total through SFY2021	SFY 2022	Cumulative Total
SOURCES			
Federal Grants (Base Program)	248,372,500	8,239,000	256,611,500
Federal Grants (BIL Funding)	0	20,857,000	20,857,000
Federal Grants (ARRA)	19,500,000	0	19,500,000
State Match Bonds	52,324,809	5,004,247	57,329,056
State Leverage Bonds	0	0	0
Principal Repayments	116,871,301	13,112,787	129,984,088
Interest Repayments	51,819,818	3,875,642	55,695,460
Investments Earnings	7,856,077	393,268	8,249,345
Funds Transferred from (To) DWSRF	0	0	0
TOTAL SOURCES	496,744,505	51,481,944	548,226,449
USES			
Final Loan Agreements (Base Program)	350,214,540	14,719,884	364,934,424
Final Loan Agreements (BIL Funding)	0	0	0
Final Loan Agreements (ARRA)	19,039,051	0	19,039,051
Funds used for current year loan commitments	0	0	0
Match Bond Debt Service	46,923,854	3,046,330	49,970,184
Leverage Bond Debt Service	0	0	0
2% Small Systems (Base Funding)	3,929,835	227,927	4,157,762
2% Small Systems (BIL Funding)	0	0	0
2% Small Systems (ARRA Funding)	0	0	0
4% Administrative Expenses (Base Funding)	7,364,700	456,298	7,820,998
4% Administrative Expenses (BIL Funding)	0	0	0
4% Administrative Expenses (ARRA Funding)	16,770	0	16,770
10% State Program Management (Base Funding)	17,774,831	1,276,991	19,051,822
10% State Program Management (BIL Funding)	0	0	0
10% State Program Management (ARRA Funding)	444,179	0	444,179
15% Local Assistance (Base Funding)	17,958,513	1,208,939	19,167,452
15% Local Assistance (BIL Funding)	0	0	0
15% Local Assistance (ARRA Funding)	0	0	0
Funds available for future loan commitments	27,289,324	30,545,575	57,834,899
Debt Service Reserves	5,788,908	0	5,788,908
TOTAL USES	496,744,505	51,481,944	548,226,449

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

The Programs may transfer an amount equal to 33 percent of a fiscal year's DWSRF program capitalization grant to the CWSRF program or an equivalent amount from the CWSRF program to the DWSRF program³. NDEP has not transferred any base program funds prior to SFY 2021 but reserves the right to transfer them at a future time.

NDEP is requesting to transfer 33% of the 2022 DWSRF BIL Emerging Contaminants grant to the CWSRF program in SFY 2022. This transfer does not harm the Nevada DWSRF program or impair its sustainability. The funds are being requested to assist with needed projects in the Nevada CWSRF program that meet the emerging contaminants requirements.

Transfers (based on the DWSRF Grants)				
	Base Appropriation	BIL Supplemental	BIL EC	TOTAL
Cumulative DWSRF Grants through SFY 2021	\$267,872,500.00	\$0.00	\$0.00	\$267,872,500.00
DWSRF Grants SFY 2022	\$8,123,000.00	\$20,857,000.00	\$8,758,000.00	\$37,738,000.00
33% allowed for transfer	\$91,078,515.00	\$6,882,810.00	\$2,890,140.00	\$97,961,325.00
Transferred prior to SFY 2022	\$0.00	\$0.00	\$0.00	\$0.00
Requested in SFY 2022	\$0.00	\$0.00	\$2,890,140.00	\$2,890,140.00
Total transfers at the end of SFY 2022	\$0.00	\$0.00	\$2,890,140.00	\$0.00

	DWSRF Emerging Contaminants	CWSRF Emerging Contaminants
FY22 Allotments	\$8,758,000	\$459,000
Transfer	(\$2,890,140)	\$2,890,140
FY22 Post Transfer Amounts	\$5,867,860	\$3,349,140

³ 40 C.F.R. Sec. 35.3530(C)

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.

The priority list allows the intended use plan to outline additional projects within each class per NAC 445A. 67569. The following types of projects shall be added to each ranking class to the ranking criteria:

Class I Acute: Systems that have not received a written notice of violation for nitrate exceedances but are actively addressing the increasing levels of nitrates within their project to prevent a violation. 1 point.

Class II Chronic: Systems that have not received a written notice of violation for arsenic exceedances but are actively addressing the increasing levels of arsenic within their project to prevent a violation. 1 point.

Class III Rehabilitation: Systems that are actively addressing climate change by introducing innovative technologies and systems that will reduce energy or water consumption, increase resiliency to natural or manmade disasters, reduce their dependency on fossil fuels, prevent erosion, increase reuse technology, or otherwise increase their reliability to sustain water distribution amid a changing climate. 5 points.

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.

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.”

Base Grant	14% Mandate: State to decide eligibility	\$1,137,220
	12% -35% Mandate: To systems that meet disadvantaged definition	\$2,843,050
BIL Supplemental	49% Mandate: To systems that meet disadvantaged	\$10,219,930
BIL Emerging Contaminants Grant	100% Mandate: Principal Forgiveness	\$4,379,000

2022 Base Grant 14% mandate: State to decide eligibility:

- Traditional loan recipients who are willing to be an equivalency project for federal reporting purposes may receive a portion of the project cost in a principal forgiveness loan.
 - 1.5% of the loan amount will be provided to the loan recipient as principal forgiveness, up to \$850,000.
 - Funds will be available to the first qualified borrower(s) to submit a loan application and sign a contract by December 31, 2023.
 - The borrower must be willing to be an equivalency project for EPA reporting and monitoring requirements.
 - **NOTE:** borrowers who are willing to be an equivalency project for EPA reporting requirements are also eligible for a reduced interest rate of 54% of the 20 Bond Buyer Index, regardless of bond security.
 - The program is available until funds are committed. Funds are available on a first come, first qualified basis.
 - There are no limits to the number of borrowers or size of repayable loan that qualifies. Only a maximum of \$850,000 from the program will be allocated to this incentive.
- Systems that do not meet the definition of a disadvantaged community that are preparing a preliminary engineering report or environmental report for a project.
 - Must be formatted in accordance with Rural Utilities Services Bulletin 1780-2 to prepare for a specific course of action the community must address. The PER and ER cannot simply address all system needs or provide for a master plan of the

system. Additionally, the ER must address the specific course of action and/or area of impact by the project identified in the PER.

- Systems that meet the definition of a disadvantaged community.
- Systems that qualified under the 2021 IUP eligibility criteria scale.

2022 Base Grant 12%-35% mandate: To systems that meet disadvantaged definition:

- An area served by a public water system in which the median household income is less than 80 percent of the state median household income. (NAC 445A.675245)

2022 BIL Supplemental Grant 49% mandate: To systems that meet disadvantaged definition:

An area served by a public water system in which the median household income is less than 80 percent of the state median household income. (NAC 445A.675245)

Principal Forgiveness limits per project

- Nevada seeks to support as many communities as possible with the limited resources available. Therefore, the amount a single project may receive as principal forgiveness funding is limited. The following chart outlines the limits a project may receive.
- Funds are committed on a first-come, first-served basis, depending on project priority list rank and readiness-to-proceed within a grant cycle.
- Projects are further limited to overall available funds the DWSRF must issue.

2022 Base Grant Restrictions	
14% mandate: Equivalency loan incentives	1.5% of the loan amount, up to \$850,000. Available until funds are committed to one or more projects.
14% mandate for PER's/ER's	Up to \$100,000 per system if DWSRF funds are available (subject to match requirements below)
14% mandate to construction projects	Up to \$287,220 if DWSRF funds are available
35% Mandate to disadvantaged systems for construction projects	Up to \$1,500,000 to a single project. (See exception below)
35% Mandate to disadvantaged systems for PER's and ER's	Up to \$100,000 per system if DWSRF funds are available (subject to match requirements below)
2022 BIL Supplemental Grant Restriction	
49% Mandate to disadvantaged systems for construction projects	Up to \$2,500,000 to a single project. If funds are available from the 35% mandate in the base grant, these funds can be combined with those funds for a maximum of \$4,000,000. (See exception below)
49% Mandate to disadvantaged systems for PER's and ER's	Up to \$100,000 per system if DWSRF funds are available (See exception below)

100% Mandate to systems addressing an emerging contaminant	Up to \$4,379,000 to a single project if the entity serves less than 10,000 people. If the entity serves more than 10,000 people, then a maximum of \$2,189,500 is available. No exceptions apply with this funding.
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- NDEP will provide an exception to the principal forgiveness limit for systems meeting the definition of a disadvantaged community for a construction project if:
 - NDEP has available funds from the base and BIL supplemental grant⁴, and;
 - The system would take on unreasonable⁵ bonding costs for the additional loan amount, or;
 - The system is addressing a public health emergency, or;
 - The system has demonstrated that a loan for the remaining cost of the project would raise reasonable rates by more than 5%.
 - The system would be eligible to receive principal forgiveness for the loan portion that increase user rates above 5%.

Special terms and conditions for principal forgiveness loans

- PER with an 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.

- Construction projects

Applicants seeking funding from the DWSRF for construction projects must demonstrate the system’s 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,

⁴ Projects already partially funded or projects meeting the definition of disadvantaged will be prioritized over other projects when determining if available funds exist.

⁵ Unreasonable would be greater than 5 percent of the loan principal amount.

- Maintaining the current and funded system,
 - Debt service of the current and funded system, and
 - Reserve requirements of any funding authority.
- Maintain an Asset Management Plan (AMP) that:
 - Evaluates the level of service required for the system,
 - Contains an inventory of all assets that are part of the system,
 - Contains an evaluation of the condition and performance of inventoried assets or asset groupings,
 - Lists 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.

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 AMP 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 Supervisory Control and Data Acquisition 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, and
 - 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 2022 Fundable List

Grant applied to:	*PL Class	PL Rank	Community Name/Project Sponsor	Equivalency	PWS ID	Population	Project Description	Total Assistance	Meets Disadvantaged Definition	Base Disadvantaged Subsidy	Base Additional Subsidy	Estimated Binding Commitment Date	Population less than 10,000
2022 Base	B	4	Esmeralda Co-Goldfield	Yes	NV0000072	345	Arsenic Treatment Improvement	500,000	Yes	500,000		10/31/2022	500,000
2022 Base	B	22	Truckee Meadows Water Authority - DW	Yes	NV0000190	34,432	APW Program at American Flat	35,000,000	No		525,000	10/31/2022	
2022 Base	B	61	Las Vegas Valley Water District	Yes	NV0000090	154,000	3 Municipal Production Wells	10,600,000	No		159,000	10/31/2022	
2022 Base	B	17	Beatty Water & Sanitation District - DW	Yes	NV0000009	908	Water System Rehab	1,000,000	Yes	1,000,000		10/31/2022	1,000,000
2022 Base	B	19	Walker Lake GID - DW	Yes	NV0000268	450	PER and ER	100,000	Yes	100,000		10/31/2022	100,000
2022 Base	B	20	Mina Luning Water System	Yes	NV0000074	200	PER and ER	100,000	Yes	100,000		10/31/2022	100,000
2022 Base	B	26	Carson City - DW	Yes	NV0000015	58,000	Quill Water Treatment Plant Upgrade	10,890,424	No		163,356	10/31/2022	
2022 Base	B	31	Baker Water & Sewer GID - DW	Yes	NV0000863	72	LCRA Water Project PER	3,304,207	Yes		100,000	10/31/2022	3,304,207
2022 Base	B	38	Big Five MHP	Yes	NV0000362	65	Storage tank replacement & system improvements	34,300	Yes	34,300		10/31/2022	34,300
2022 Base	B	47	Blue Diamond Water Co-op	Yes	NV0000092	14	PER and ER	30,000	No		30,000	10/31/2022	30,000
2022 Base	B	57	Elko County - Montello - DW	Yes	NV0000169	287	PER and ER	100,000	No		100,000	10/31/2022	100,000
2022 Base	B	97	Big Five MHP	Yes	NV0000362	65	Replace well and water storage slab	14,900	Yes	14,900		10/31/2022	14,900
2022 Base	B	163	Big Five MHP	Yes	NV0000362	65	RPZ Backflow Prevention	6,300	Yes	6,300		10/31/2022	6,300
2022 Base	B	122	Tonopah, Town of	Yes	NV0000237	12	Storage tank recasting	1,000,000	Yes	1,000,000		10/31/2022	1,000,000
2022 Base	B	169	Trout Canyon Land & Water Users Association	Yes	NV0004060	35	PER and ER	55,000	No		55,000	10/31/2022	55,000
2022 Base	B	30	Hawthorne Utilities	Yes	NV0000073	2,616	PER and ER	100,000	Yes	100,000		10/31/2022	100,000
2022 Base	B	129	Pershing Co-Imjay	Yes	NV0000226	200	PER and ER	85,000	No		85,000	10/31/2022	85,000
								\$ 62,920,131			\$ 2,855,500	\$ 1,217,356	\$ 6,429,707

Attachment D: Drinking Water Priority List—Effective July 2021

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	
Class I—Acute Health Risks												
Community Public Water Systems												
1	Gold Country Estates	NV0003079	950	415	4	0.83	3.73	Private	Nitrate compliance	\$1,200,000		
2	Truckee Meadows Water Authority (Spanish Springs) ⁴	NV0000190	18,750	7,900	5	0.62	3.12	Public	Groundwater Nitrate Bio-remediation	\$1,300,000		
3	Lyon County Utilities Department ⁴	NV0000032	16,585	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	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 ³	
7	Humboldt Co (McDermitt)	NV0000162	200	100	13	1.04	13.53	Public	Arsenic treatment	\$700,000	Y	
8	Las Vegas Valley Water District (Clark County Regional) ⁴	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 GID	NV0000005	900	318	12	1.07	12.89	Public	Arsenic 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	Mt Rose Bowl Property Owners' Water Co	NV0000732	40	15	12	0.96	11.50	Private	LCR compliance, new storage tank	\$800,000	Y & Y ³	
12	Silver Knolls Mutual Water Co	NV0004021	120	63	11	0.91	10.02	Private	Arsenic compliance	\$516,000	Y	
13	Lyon County Utilities Department ⁴	NV0000032	16,585	7,284	11	0.89	9.84	Public	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 TMVA - Groundwater Arsenic concern	\$400,000		
15	Douglas Co (Fairgrounds/Sunrise Estates)	NV0002540	150	46	13	0.68	8.84	Public	Arsenic compliance	\$2,619,000		
16	Shoshone Water Estates Water Company Inc ⁴	NV0005028	240	76	11	0.71	7.81	Private	Arsenic 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	TRI 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 GID	NV0000963	30	20	11	0.85	9.37	Public	To establish new water system - alternative to un-treated 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	Pipeline replacement, Storage upgrade/install, controls & other system projects	\$2,592,830	Y	
21	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV0004092	9,300	2,200	50	1.68	83.91	D	SW treatment plant improvements, storage tank rehabilitation, transmission & distribution line replacement, electrical & control systems improvements	\$5,290,000		
22	Goconda GID	NV0005020	114	102	44	1.76	77.36	D	Spring rehabilitation, transmission line replacement, new chlorination system, & other system improvements	\$810,000		
23	Truckee Meadows Water Authority (American Flats) ⁴	NV0000190	30,000	12,000	56	0.98	54.77	Public	Advanced Purified Water Demonstration Project at American Flats. Treatment to recover DW supply sources, create new DW source, storage facility, and transmission facilities	\$48,000,000		
24	Storey Co (Virginia City Highlands)	NV0000240	1,400	500	59	0.91	53.72	Public	PERIER (VC Highlands - new source, storage, transmission & distribution system)	\$125,000		
25	Lander Co Sewer & Water Dist 2 (Austin)	NV0000006	350	230	59	0.91	53.48	Public	Source treatment, storage, transmission & distribution rehabilitation/replacement	\$1,007,000	Y ³	
26	Lovelock Meadows Water District	NV0000161	5,276	1,409	36	1.44	51.87	D	New well, transmission line, storage, & other system improvements	\$5,000,000	Y	
27	Topaz Ranch Estates GID	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 GID	NV0000268	400	160	26	1.81	47.00	D	Distribution rehabilitation; source water treatment	\$6,400,000		
29	Douglas Co (Lake Tahoe Systems)	NV0000258 & NV0000259	2,800	1,085	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	Rehabilitation/replacement: Transmission, distribution mains, source, & storage	\$13,000,000	Y ²	
31	Las Vegas Valley Water District	NV0000090	1,306,410	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	16,585	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	354,800	87,000	38	1.01	38.34	Public	Replacement of 4 wells including disinfection & buildings	\$11,860,000	Y	
34	Lyon County Utilities (Dayton)	NV0000938	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	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.	NV00000092	85	23	58	0.63	36.53		Private	PER/ER; Rehab/replace source, storage, transmission & other system improvements, possible consolidation?	\$1,741,500	
37	Churchill Co (Sand Creek Redundant Well)	NV00000406	750	320	33	1.04	34.45		Public	PER/ER; Churchill Co back-up well, storage, distribution looping, & other system improvements	\$1,300,000	Y ²
38	Carlin, City of	NV00000114	2,500	900	43	0.76	32.89		Public	PER/ER; Source, storage, transmission & distribution rehabilitation/replacement, & meters	\$10,000,000	Y ²
39	Yerington, City of	NV00000255	1,750	1,088	17	1.90	32.28	D	Public	Replacement of transmission & distribution mains & appurtenances	\$18,904,418	Y ³
40	Truckee Meadows Water Authority (Longley) ¹	NV00000190	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	Y
41	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV00004092	9,300	2,200	18	1.68	30.21	D	Public	Riverbank filtration pretreatment	\$1,308,317	
42	Oroville General Improvement District (Humboldt County)	NV00003032	200	50	29	1.04	30.18		Public	Storage, Transmission/distribution main, and meters;	\$1,970,000	
43	Silver Springs Mutual Water Company ¹	NV00000223	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	NV00000055	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	Fernley, City of	NV00000682	19,500	7,000	30	0.96	28.78		Public	Surface water conveyance & treatment	\$8,000,000	
48	Storey County ¹	NV0000240	1,110	803	38	0.74	28.09		Public	Surface water production and treatment (2.2 MGD)	\$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 TUMWA	\$710,000	
50	Kingsbury GD (Ponderosa HOA)	NV00000094	3,839	2,450	28	0.97	27.13		Public	Acquisition of Ponderosa HOA with KGD	\$570,355	
51	Gold County Water Company	NV0003079	360	122	28	0.93	26.12		Private	Replace backup storage tank	\$225,000	Y
52	Reark Estates Homeowners Association	NV0000319	62	27	16	1.61	25.73	D	Private	PER/ER; New source (Kingston)	\$2,014,000	
53	Kingston Town Utility	NV0000265	200	155	18	1.42	25.64	D	Public	Rehabilitate/replace Idaho Well	\$800,000	
54	Silver Springs Mutual Water Co	NV0000222	3,070	1,164	18	1.41	25.31	D	Private	PER/ER; New Arrow Canyon Well #3 & Tank projects (Warm Springs 500K Tank, Narrows, and Logdale tank rehab etc)	\$15,715,045	
55	Meapa Valley Water District	NV0000160	9,000	3,200	28	0.90	25.30		Public	PER/ER; Distribution system upgrades; Consolidation of Uppaway with Glenbrook & Other system needs for consolidation	\$2,200,000	
56	Douglas Co (Uppaway)	NV00000817	85	35	34	0.72	24.42		Public	Airport storage tank replacement & booster pump re-conditioning	\$395,500	
57	Tonopah Public Utilities	NV0000237	2,600	1,500	13	1.66	21.54	D	Public	TUMWA Systemwide improvements for TTHM mitigation	\$2,500,000	
58	Truckee Meadows Water Authority (systemwide) ¹	NV0000190	440,000	1,330,000	23	0.93	21.43		Public	Storage tank rehabilitation	\$257,300	
59	Esmeralda Co (Silver Peak)	NV0000363	111	75	13	1.62	21.00	D	Public	PER/ER; Storage Tanks repair or replacement	\$507,800	
60	Wend Heights Development, LLC	NV0000242	560	301	11	1.90	20.88	D	Private	New source; Rainbow Well discharge line relocation	\$1,230,000	
61	Las Vegas Valley Water District (Kye Canyon)	NV0000142	1,040	353	23	0.87	19.92	D	Public	Transmission line replacement	\$3,475,674	Y & Y ³
62	Esmeralda Co (Goldfield)	NV0000072	375	276	11	1.80	19.80	D	Public	Rehabilitate/recoat north water storage reservoir	\$228,404	Y & Y ³
63	Silver Springs Mutual Water Co	NV0000223	3,070	1,164	13	1.41	18.28	D	Private	Storage, Transmission, and distribution main upgrades	\$3,600,000	
64	Truckee Meadows Water Authority (Saddlehorn, Upper Toll Rd, STMGID) ¹	NV0000190	15,100	1,000	27	0.65	17.50		Public	New source(s)	\$4,050,000	
65	Virgin Valley Water District	NV0000167	18,000	8,071	18	0.96	17.23		Public	PER/ER; New source (Montello)	\$500,000	
66	Elko Co (Montello)	NV0000169	180	75	17	0.96	16.35		Public	Distribution main replacements & storage upgrades	\$23,568,000	
67	Ely, City of	NV0000038	5,500	2,200	16	1.01	16.08		Public	Tank & transmission main rehabilitation/replacement	\$7,000,000	Y ³
68	Storey Co (Virginia City)	NV0000240	2,517	694	21	0.74	15.53		Public	New water source for Ruth (New Well)	\$1,624,000	Y ³
69	McGill - Ruth General Improvement District	NV0000164	700	320	17	0.91	15.49		Public	Transmission line - Highway 50 Crossing - upgrade & replacement	\$380,000	
70	Silver Springs Mutual Water Company	NV0000223	3,070	1,194	11	1.41	15.47	D	Private	Transmission, Supply Redundancy, SCADA	\$1,500,000	
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	PER/ER; Redundant treatment system contact chamber & other system improvements	\$600,000	
72	Round Hill General Improvement District	NV0000260	1,821	480	23	0.65	14.98		Public	Correction of Main Street Water Utility Conflicts - to achieve NAC Compliance and meet NDOT Standards	\$157,766	
73	Tonopah, Town of (Tonopah Public Utilities)	NV0000237	2,211	1,332	9	1.66	14.91	D	Public	distribution, transmission, and appurtenances replacement	\$3,345,000	
74	Storey County - water system ¹	NV0000240	1,110	803	20	0.74	14.79		Public	PER/ER; distribution upgrades, and appurtenances replacement	\$679,500	
75	Meapa Valley Water District	NV0000160	9,000	3,200	16	0.90	14.46		Public	Storage tank rehabilitation	\$145,000	
76	Las Vegas Valley Water District (Jean)	NV0000089	160	13	11	1.27	13.97	D	Public	Distribution system looping (Tuscarora)	\$229,704	
77	Elko Co (Tuscarora)	NV0000189	40	21	8	1.65	13.18	D	Public	Transmission Distribution (South-West Reno Pump Zone Consolidation Phase 1)	\$6,660,000	
78	Truckee Meadows Water Authority (South-West Reno Pump Zone Phase 1) ¹	NV0000190	6,250	2,500	17	0.76	12.96		Public	PER to address LCR in aging distribution and storage system	\$50,000	
79	Lyon County Utilities Department ¹	NV0000032	16,585	7,284	14	0.89	12.53		Public	Tank & appurtenances rehabilitation/replacement	\$500,000	
80	Steamboat Springs Water Works, Inc.	NV0000282	959	290	13	0.95	12.47		Private	PER/ER for Lyon Co Utilities expansion to Silver Springs (transmission)	\$150,000	
81	Various	Various	17,000	8,000	11	1.06	11.67		Public	STMGID Tank #4 Booster Pump Station/Transmission line	\$2,550,000	
82	Truckee Meadows Water Authority (STMGID Tank#4) ¹	NV0000190	6,800	2,700	11	1.03	11.29		Public	Upgrade Lower East Ely Water Mains	\$8,123,760	
83	Ely, City of ¹	NV0000038	1,080	270	11	1.01	11.06		Public	Rehabilitate transmission line appurtenances between spring sources & town	\$143,000	
84	Genich General Improvement District	NV0000071	120	156	11	1.00	11.00		Public	New/Rehabilitate storage tank for Ruth	\$975,000	
85	McGill - Ruth General Improvement District	NV0000164	700	320	12	0.91	10.93		Public	Metering system upgrades to radio read	\$198,802	
86	Esmeralda Co (Goldfield)	NV0000072	375	282	6	1.80	10.80	D	Public	Transmission line - merite Stagecoach GD with Lyon County Utilities	\$1,280,000	
87	Lyon County Utilities (Stagecoach GD)	NV0000224	1,411	580	10	1.06	10.61		Public	Transmission main - Mesquite Heights to Pullie	\$1,080,000	
88	Virgin Valley Water District	NV0000167	18,000	8,071	11	0.96	10.53		Public	Johnston Spring transmission system - PCCP replacement project	\$1,907,105	
89	West Wendover, City of	NV0000246	4,406	1,173	11	0.94	10.33		Public	Storage tank rehabilitation	\$150,000	
90	Rosemount Water Company	NV0000767	55	26	12	0.83	9.93		Private			

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Cont.	Total Points	State MH/ PWS MH	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	\$262,361	
92	Esmeralda Co (Silver Peak)	NV0000363	111	99	6	1.62	9.69	D	Public	Metering system upgrade to radio read	\$135,419	
93	Douglas Co (West Valley Water System)	NV0002564 & NV0002054	1,090	421	17	0.86	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 Alcorn 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	\$9,390,000	
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)	NV0000663	411	160	8	1.05	8.43		Public	Distribution line & appurtenances replacement (Gabbs)	\$1,658,085	
98	Storey County - Siphon Replacement (Virginia City)	NV0000240	1,110	803	11	0.74	8.13		Public	Upgrade the siphon and transmission main	\$9,850,000	
99	Moapa Valley Water District	NV0000160	9,000	3,200	9	1.00	8.13		Public	PER/WWD Main Street water main/distribution line replacement	\$1,200,000	
100	R&M Mobile Home Park	NV0000054	130	42	7	0.94	7.27		Private	Distribution system Rehab & appurtenances replacement	\$89,426	
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	PER/ER, 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	\$18,699,700	
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	\$36,000	
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) ¹	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	Carson General Improvement District	NV0005056	1,250	500	6	0.91	5.46		Public	PER/Well 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 (McDermit)	NV0000162	200	100	5	1.04	5.20		Public	Meter replacement	\$60,000	
Class III--Rehabilitation												
Non-Community Public Water Systems												
114	Trout Canyon Land & Water Users Assoc	NV0004060	140	70	59	0.89	40.70		Private	PER/ER; Repair/rehab spring or replace with well; replace transmission & distribution lines; chlorinator; additional storage	\$2,996,000	Y ² Y ³
											\$467,926,070	
Class IV--Refinance												
115	Humboldt Co (Gold County Estates)	NV0003079	950	415	4	0.89	3.56		Public	Consolidation of Gold Country with Humboldt Co; water quality mitigation, SRF loan refinancing	\$600,000	
											\$600,000	
											\$550,044,122	
TOTAL FOR ALL PROJECTS												

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 E: Drinking Water Priority List—Effective June 2022

Nevada Drinking Water State Revolving Fund Priority List Effective June 2022 FINAL

Class I Acute Health Risk															
Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Project Population	Project Service Connections	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded ⁴
1		C		Humboldt County - DW		Public	NV0003079	1,300	553	4	0.94	3.75	Nitrate mitigation in Gold Country	1,850,000.00	Yes
2	N			Truckee Meadows Water Authority - DW		Public	NV0000190	18,750	7,500	5	0.61	3.06	Spanish Springs Nitrate Treatment	1,300,000.00	
3			C	Humboldt County - DW		Public	Various	5,000	700	3	0.94	2.81	Crass Valley Nitrate Septic Conversion	27,395,592.00	
Total Class I Projects													30,545,592.00		

Class II Chronic Health Risks															
Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded ⁴
4	N	D		Esmeralda County - Goldfield - DW	Esmeralda County - DW	Public	NV0000072	345	345	13	1.62	21.09	Arsenic Treatment Improvement	475,393.04	
5			C	Alamo Sewer & Water GID - DW		Public	NV0000005	1,169	318	13	1.11	14.46	Industrial Well Treatment for Arsenic	1,000,000.00	Yes
6	N			Gardnerville Ranchos GID - DW		Public	NV0000066	11,300	4,500	13	0.98	12.70	Well 5 Arsenic Treatment	6,181,130.00	
7			C	Mount Rose Bowl POWC - DW		Private	NV0000732	50	15	12	0.99	11.82	Storage Tank Upgrade & water treatment	1,000,000.00	Yes
8			C	Truckee Meadows Water Authority - DW		Public	NV0000190	59,700	23,870	13	0.91	11.81	Longley Plant HV3 and HV4 Improvement	1,500,000.00	
9			C	Silver Knolls Mutual Water Company - DW		Private	NV0004021	120	63	13	0.89	11.52	Arsenic Treatment	400,000.00	Yes
10			C	Douglas County - DW		Public	NV0002216	4,030	1,479	13	0.87	11.29	S. Airport Well Arsenic Mitigation	8,691,750.00	
11			C	Crysal Trailer Park - DW		Private	NV0000193	110	40	12	0.87	10.43	Consolidation with TMVA	218,000.00	Yes
12			C	Shoshone Estates Water Co Inc - DW		Private	NV0005028	240	88	11	0.93	10.25	Well Modification & Arsenic treatment	310,000.00	Yes
13			C	Churchill County - DW		Public	NV000406	1,800	1,449	4	1.10	4.41	Arsenic and Manganese Treatment	11,574,560.00	
14			C	Hilkeest Manor Water Users Association - DW		Private	NV0000145	450	121	4	1.09	4.35	Tank Rehabilitation	125,000.00	Yes
15			C	Truckee Meadows Water Authority - DW		Public	NV0000190	440,000	133,000	4	0.91	3.64	Well Head TTHM Mitigation	2,500,000.00	
16			NTNC	TRI-GID - DW		Public	NV0000913	20,000	193	12	0.97	11.63	Arsenic Treatment and Blending	977,500.00	
Total Class II Projects													34,953,133.04		

Class III Rehabilitation															
Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded ⁴
17	D		C	Beatty Water & Sanitation District - DW		Public	NV0000009	908	624	82	1.57	128.92	Water System Rehab	2,629,000.00	
18	D		C	Walker Lake GID - DW		Public	NV0000268	450	210	48	2.46	118.19	Preliminary Engineering Report & Environmental Review	85,000.00	
19	D		C	Walker Lake GID - DW		Public	NV0000268	450	210	48	2.46	118.19	System Improvements	16,269,000.00	
20	N		C	Mina Luning Water System	Hawthorne Utilities - DW	Public	NV0000074	200	125	68	1.71	116.38	Mina-Luning Water PER & ER	85,000.00	
21	N		C	Las Vegas Valley Water District - Big Bend - DW	Las Vegas Valley Water District - DW	Public	NV0004092	2,179	2,197	63	1.69	106.49	Additional Storage	24,375,000.00	
22			C	Truckee Meadows Water Authority - DW		Public	NV0000190	34,432	11,400	100	1.06	105.53	APW Programmatic American Flat	117,000,000.00	
23	D		C	Hawthorne Utilities - DW		Public	NV0000073	2,616	1,665	53	1.84	97.58	Hawthorne Tanks - Phase 2	3,371,000.00	
24	N		C	Gardnerville Ranchos GID - DW		Public	NV0000066	11,300	3,020	90	0.98	87.94	Regional Interconnection	2,685,650.00	
25	N		C	Las Vegas Valley Water District - DW		Public	NV0000069	1	9	41	2.11	86.41	Jean Chemical Feed Upgrade	428,000.00	
26	N		C	Carson City - DW		Public	NV0000015	58,000	18,000	79	1.06	84.06	Quill Water Treatment Plant Upgrade	10,890,424.00	
27	D		C	Hawthorne Utilities - DW		Public	NV0000073	2,616	1,569	41	1.84	75.49	Water System Improvements	23,885,000.00	

Class III Rehabilitation															
Priority Number	N	D	C	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded
28	D	C	C	Baker Water & Sewer GID - DW	Hawthorne Utilities - DW	Public	NV0000863	72	91	43	1.49	64.16	Infrastructure Upgrades	2,677,534.00	
29	N	D	C	Minna Luning Water System	Hawthorne Utilities - DW	Public	NV0000074	200	125	37	1.71	63.33	Minna-Luning Water Improvements	6,762,500.00	
30	D	C	C	Hawthorne Utilities - DW	Hawthorne Utilities - DW	Public	NV0000073	2,616	1,665	33	1.84	60.76	Preliminary Engineering Report & Environmental Review	85,000.00	Yes
31	D	C	C	Baker Water & Sewer GID - DW	Las Vegas Valley Water District - DW	Public	NV0000863	72	91	40	1.49	59.68	LCRA Water Project PER	3,304,207.00	
32	D	C	C	Las Vegas Valley Water District - Big Bend - DW	Las Vegas Valley Water District - DW	Public	NV0004092	9,300	2,200	32	1.69	54.09	Rehabilitation Project Phase 1	5,290,000.00	Yes
33	D	C	C	Go-konda GID - DW		Public	NV0005029	114	112	46	1.17	53.76	Spring Rehabilitation and Improvements	810,000.00	Yes
34	N	C	C	North Las Vegas, City of - DW		Public	NV000175	380,239	100,450	51	1.02	51.90	Well Replacement: Robins on	4,028,800.00	
35	N	C	C	North Las Vegas, City of - DW		Public	NV0001107	500	12	51	1.02	51.90	Well Replacement: Kapex	3,774,800.00	Yes
36	D	C	C	Hawthorne Utilities - DW		Public	NV0000073	2,616	1,665	28	1.84	51.55	Storage Tank replacement- Phase 1	1,103,000.00	Yes
37	N	D	C	Walker River Paiute Tribe - DW		TRIBAL	TRIBAL	1,165	335	17	2.93	49.77	WRPT Water Tank and Meters	3,075,343.14	
38	N	D	C	Big Five MHP - DW		Private	NV0000362	65	52	39	1.27	49.43	Storage tank replacement & system improvements	34,300.00	
39	N	C	C	Shoshone Estates Water Co Inc - DW		Private	NV0005028	240	76	52	0.93	48.45	New well & system upgrades	4,240,000.00	
40	N	D	C	Rancho Vista Unit IV Water Association - DW		Private	NV0002571	60	27	37	1.27	46.90	New Storage Tank & Upgrades	1,965,000.00	
41	N	D	C	Esmeralda County - Silver Peak - DW	Esmeralda County - DW	Public	NV0000363	87	117	23	1.95	44.81	Silver Peak Relocate PRV/Scada	423,312.50	
42	N	C	C	North Las Vegas, City of - DW		Public	NV0001170	500	12	44	1.02	44.77	Apex GW Distribution System	14,893,421.00	
43	N	C	C	Kingsbury GID - DW		Public	NV0000044	300	80	44	1.02	44.76	Consolidation of Ponderosa HOA	2,120,000.00	
44	N	C	C	Storey County - DW		Public	NV0000240	1,500	588	46	0.97	44.59	Virginia City Highlands PER & ER	100,000.00	
45	D	C	C	Las Vegas Valley Water District - Big Bend - DW	Las Vegas Valley Water District - DW	Public	NV0004092	9,000	2,319	26	1.69	43.95	WTP Meters, Vaults & HVAC	882,500.00	
46	N	C	C	Southern Nevada Water Authority - DW		Public	NV0000289	8	8	42	1.02	42.68	Basic Water System upgrade & improvements	246,218,900.00	
47	N	C	C	Blue Diamond Water Cooperative - DW		Private	NV0000092	14	50	64	0.65	41.43	Preliminary Engineering Report & Environmental Review	30,009.00	
48	N	C	C	Amargosa Estates Water Co. LLC - DW		Private	NV0002538	54	38	37	1.02	37.83	Booster Pump/Storage/Upgrades	1,891,000.00	
49	N	D	C	Esmeralda County - DW		Public	NV0000072	345	345	23	1.62	37.31	GDF Repair/Recoat Storage Tank	442,040.00	
50	N	D	C	Spirit Mountain Utility - DW		Private	NV0000221	375	117	23	1.62	37.31	Booster Pump & System Upgrades	5,890,000.00	
51	N	D	C	Kings Row Trailer Park - DW		Private	NV0000287	525	370	23	1.51	34.84	Booster Pump/Meters/Upgrades	5,590,000.00	
52	N	C	C	Trout Canyon Land & Water Users Association - DW		Private	NV0004060	35	51	51	0.68	34.74	Preliminary Engineering Report & Environmental Review	55,000.00	
53	N	C	C	Trout Canyon Land & Water Users Association - DW		Private	NV0004060	35	51	51	0.68	34.74	System Upgrade	4,500,000.00	
54	N	C	C	Churchill County -DW		Public	NV0000406	1,449	1,449	31	1.10	34.14	Sand Creek Well Improvement Phase 2	646,872.00	
55	N	C	C	Gardnerville Ranchos GID - DW		Public	NV0000066	11,300	3,020	33	0.98	32.24	Booster Pump Station Upgrades	1,587,000.00	
56	N	C	C	Elko, City of - DW		Public	NV0000272	10,280	5,000	40	0.80	31.96	2nd Street Main Replacement	3,868,350.00	
57	D	C	C	Onovada GID - DW		Public	NV0000302	325	56	29	1.07	31.14	Water System Improvements	1,980,000.00	
58	N	D	C	Indian Springs Water Company - DW		Public	NV0000082	832	400	23	1.35	31.11	Water System Improvements	3,840,750.00	
59	D	C	C	Silver Springs Mutual Water Company - DW		Private	NV0000223	3,070	1,198	21	1.45	30.41	Lake Well Rehabilitation	1,185,000.00	Yes
60	N	C	C	Elko County - Montello - DW	Elko County - DW	Public	NV0000169	287	55	27	1.10	29.66	PERER New Source	1,120,475.00	
61	N	C	C	Gerlach GID - DW		Public	NV0000071	206	155	37	0.78	28.78	Gerlach Garden Springs Rehab	627,500.00	
62	D	C	C	Las Vegas Valley Water District - Big Bend - DW	Las Vegas Valley Water District - DW	Public	NV0004092	2,200	50	17	1.69	28.73	Riverbank Filtration Ph. 2	1,308,317.00	Yes

Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded
63	N	C		Mt. Charleston Water Company - DW		Private	NV0001015	335	22	42	0.68	28.73	Backup Well and Upgrades	1,365,000.00	
64	N	C		Las Vegas Valley Water District - DW		Public	NV0000900	154,000	408,000	28	1.02	28.46	3 Municipal Production Wells	10,600,000.00	
65	N	C		Storey County - DW		Public	NV0000240	1,110	803	51	0.56	28.43	Water Treatment Upgrade	8,232,200.00	
66	N	C		Bermuda Palms - DW		Private	NV0000147	60	71	53	0.54	28.36	Storage Tanks Replacement & Distribution Upgrades	1,910,000.00	
67	N	C		Silver Knolls Mutual Water Company - DW		Private	NV0004021	200	63	31	0.89	27.47	Meter Replacement	225,473.00	
68	D	C		Topaz Ranch Estates GID - DW		Public	NV0000239	500	203	22	1.25	27.42	Pipe replacement	6,396,939.00	
69	N	C		Bureka County - DW		Public	NV0000944	454	454	28	0.92	25.74	Kobeck Valley Transmission Main	100,000.00	
70	N	C		Churchill County - DW		Public	NV0000406	1,449	456	23	1.10	25.33	Sand Creek Greens and Media	78,959.52	
71	D	C		Esmeralda County - DW		Public	NV0000363	121	121	13	1.95	25.33	SP Storage Tank Rehabilitation	257,300.00	
72	N	C		Blue Diamond Water Cooperative - DW		Private	NV0000992	14	50	39	0.65	25.25	Pipeline and suspension replacement	60,000.00	
73	D	C		Kingston Town Water Utilities - DW		Public	NV0000265	160	160	17	1.45	24.71	Altermate Water Source	1,650,000.00	Yes
74	D	C		Silver Springs Mutual Water Company - DW		Private	NV0000223	3,070	1,198	16	1.45	23.17	PER Lake Well Rehabilitation	100,000.00	Yes
75	D	C		Weed Heights Development - DW		Private	NV0000242	340	250	13	1.67	21.76	Storage Rehabilitation	1,052,600.00	Yes
76	N	C		Carlin, City of - DW		Public	NV0000104	2,000	500	24	0.89	21.27	Water System Improvements	28,508,596.00	
77	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	6,250	2,500	28	0.76	21.15	South-West Reno Pump Zone	6,660,000.00	
78	N	C		Valley Station Mobile Home Park - DW		Private	NV00003016	96	107	28	0.75	20.92	System Rehabilitation	1,432,452.00	
79	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	15,100	6,000	23	0.91	20.90	NAC Deficiencies - Saddlehorn	3,600,000.00	
80	N	C		Henderson, City of - DW		Public	NV0000076	332,258	1	25	0.82	20.56	Raw water interconnect	6,700,000.00	
81	N	C		Alamo Sewer & Water GID - DW		Public	NV0000005	1,169	318	18	1.11	20.03	Water PER test wells	300,000.00	
82	N	C		Stannboat Springs Water Works - DW		Public	NV0000282	989	287	20	0.99	19.72	Water Tank replacement	1,371,342.00	
83	N	C		Fly, City of - DW		Public	NV0000038	5,500	2,500	19	1.02	19.35	Distribution & Storage Upgrade	23,568,000.00	
84	N	C		Kingsbury GID - DW		Public	NV0000004	300	100	19	1.02	19.33	Marvonne Watermain Replacement	6,219,547.00	
85	N	C		Kingsbury GID - DW		Public	NV0000004	90	30	19	1.02	19.33	Summit Watermain Replacement	1,531,050.00	
86	N	C		Kingsbury GID - DW		Public	NV0000004	90	30	19	1.02	19.33	Squaw et al Water Replacement	1,799,562.00	
87	N	C		Logan Creek Estates GID - DW		Public	NV0000250	60	21	26	0.73	18.95	Phase II New Storage Tank	590,000.00	
88	N	D	C	Silver Springs Mutual Water Company - DW		Private	NV0000223	3,070	1,198	13	1.45	18.83	West Tank OSHA Upgrade/Rehab	1,006,330.00	
89	N	D	C	Reno Sparks Indian Colony - DW		TRIBAL	TRIBAL	825	169	12	1.55	18.61	Hungry Valley Water Project	32,200,000.00	
90	N	C		Elko, City of - DW		Public	NV0000272	7,000	3,000	23	0.80	18.38	Well 24 Rehab or Replacement	1,572,100.00	
91	N	C		Las Vegas Valley Water District - DW		Public	NV0000900	24,000	6,000	18	1.02	18.29	Septic Conversion Program	9,000,000.00	
92	N	C		Alamo Sewer & Water GID - DW		Public	NV0000005	1,169	318	16	1.11	17.80	New water tank	2,340,000.00	
93	N	D	C	Tonopah, Town of - DW		Public	NV0000237	14	10	9	1.96	17.67	Galvanized line replacement	485,000.00	
94	N	D	C	Tonopah, Town of - DW		Public	NV0000237	21	15	9	1.96	17.67	Replace Galvanized Ln Central	689,555.00	
95	N	D	C	Tonopah, Town of - DW		Public	NV0000237	150	60	9	1.96	17.67	Replace Galvanized/AC Rhines	1,674,000.00	
96	N	C		Fernley, City of - DW		Public	NV0000062	21,105	8,179	18	0.93	16.79	Truckee Canal Surface Water	4,000,000.00	
97	N	C		South Crestview Homeowners Association - DW		Private	NV0000351	70	30	21	0.80	16.78	Preliminary Engineering Report & Environmental Review	353,500.00	
98	N	C		Gardnerville Ranchos GID - DW		Public	NV0000066	11,300	3,020	17	0.98	16.61	Phase 2 Pipeline Replacement	6,894,068.00	
99	N	C		Gardnerville Ranchos GID - DW		Public	NV0000066	11,300	3,020	17	0.98	16.61	Phase 3 Pipeline Replacement	8,146,748.00	
100	N	D	C	Big Five MHP - DW		Private	NV0000362	65	52	13	1.27	16.48	Replace well and water storage slab	14,900.00	
101	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	18,750	7,500	18	0.91	16.36	Spring Creek Well 10 - Donava	1,210,000.00	
102	D	C		Las Vegas Valley Water District - Searchlight - DW	Las Vegas Valley Water District - DW	Public	NV0000219	372	242	8	2.00	15.98	Distribution system replacement/upgrade	771,000.00	
103	D	C		Silver Springs Mutual Water Company - DW		Private	NV0000223	3,070	1,198	11	1.45	15.93	Transmission Line Crossing	493,069.00	Yes
104	N	D	C	Lovebeck Meadows Water District - DW		Public	NV0000161	2,046	1,582	11	1.43	15.74	Oreana Line Replacement	15,192,379.00	

Class III Rehabilitation

Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded ¹
105	N	D	C	Lovelock Meadows Water District - DW		Public	NV0000161	2,046	1,258	11	1.43	15.74	New Well Construction	4,761,700.00	Yes
106	N	D	C	Lovelock Meadows Water District - DW		Public	NV0000161	2,046	1,258	11	1.43	15.74	PER-Well 9 & Transmission Line	80,500.00	
107	N	D	C	Weed Heights Development - DW		Private	NV0000242	560	301	9	1.67	15.06	Preliminary Engineering Report & Environmental Review	63,750.00	
108	N	D	C	Esmeralda County-Goldfield - DW	Esmeralda County - DW	Public	NV0000072	345	345	9	1.62	14.60	Transmission line replacement	1,280,173.00	Yes
109	N	N	C	West W endover, City of - DW		Public	NV0000246	4819	1,103	13	1.10	14.27	3 Mile Reservoir Rehabilitation	256,172.00	
110	N	N	C	Silver Knolls Mutual Water Company - DW		Private	NV0004021	200	64	16	0.89	14.18	Tank Relining	469,200.00	
111	N	N	C	Logan Creek Estates GID - DW		Public	NV0002050	60	21	19	0.73	13.85	Phase III Water Distribution	1,745,000.00	
112	N	N	C	Moapa Valley Water District - DW		Public	NV0000160	705	261	15	0.92	13.74	Water storage tank	3,363,400.00	
113	N	N	C	Moapa Valley Water District - DW		Public	NV0000160	7,254	2,687	15	0.92	13.74	Storage capacity tank	8,996,545.00	
114	N	D	C	CoBI Creek Canyon HOA - DW		Private	NV0004000	168	56	10	1.34	13.41	Recoating Storage Tank	235,000.00	
115	N	N	C	Henderson, City of - DW		Public	NV0000076	300	120	16	0.82	13.16	Townsite Phase 5	2,207,794.00	
116	N	D	C	Silver Springs Mutual Water Company - DW		Private	NV0000223	3,070	1,198	9	1.45	13.03	Well Back-up Power Supply	180,500.00	
117	N	N	C	Douglas County - Zephyr Water Utility - DW	Douglas County - DW	Public	NV0000259	2,476	1,011	17	0.73	12.39	Cave Rock ZWUD Interie	3,185,000.00	
118	N	N	C	Douglas County - Uppaway - DW	Douglas County - DW	Public	NV0000817	85	35	17	0.73	12.39	Uppaway System Improvements	5,117,000.00	
119	N	N	C	Henderson, City of - DW		Public	NV0000076	332,258	104,815	15	0.82	12.34	Advanced Metering Infrastructure	30,000,000.00	
120	N	N	C	Las Vegas Valley Water District - Kyle Canyon - DW		Public	NV0000142	421	421	18	0.68	12.31	New well construction	3,324,000.00	
121	N	N	C	West W endover, City of - DW		Public	NV0000246	4,512	1,103	11	1.10	12.08	PCCP Pipeline Replacement	3,802,694.00	
122	N	N	C	West W endover, City of - DW		Public	NV0000246	4,512	1,103	11	1.10	12.08	Asbestos Line Replacement	984,869.42	
123	N	N	C	Rosemount Water Co. - DW		Private	NV0000767	55	26	12	1.00	11.96	Rosemount Storage Tank Rehabilitation	236,275.00	
124	N	N	C	Nye County - Gibbs - DW	Nye County - DW	Public	NV0000063	278	142	11	1.08	11.91	Gabbs Water System Improvement	4,023,038.00	
125	N	N	C	Moapa Valley Water District - DW		Public	NV0000160	6,500	2,412	13	0.92	11.91	East Logandale Tank Refurbishment	898,500.00	
126	N	D	C	Tonopah, Town of - DW		Public	NV0000237	12	8	6	1.96	11.78	Storage tank recoating	949,725.00	
127	N	D	C	Tonopah, Town of - DW		Public	NV0000237	126	63	6	1.96	11.78	Unseamed water crossing replacement	202,194.00	
128	N	D	C	Esmeralda County - Silver Peak - DW	Esmeralda County - DW	Public	NV0000363	121	121	6	1.95	11.69	Silver Peak Radio Meter Reads	130,156.76	Yes
129	N	N	C	McGill Ruth Consolidated Sewer & Water GID - DW		Public	NV0000163	1,148	299	15	0.77	11.57	Tank repair and rehabilitation	496,850.00	Yes
130	N	D	C	Elko County - Tuscarora Water System - DW	Elko County - DW	Public	NV0000189	10	4	7	1.62	11.35	Distribution System Looping	210,000.00	
131	N	N	C	Storey County - DW		Public	NV0000240	500	269	20	0.56	11.15	Water System Improvements	3,925,649.00	
132	N	N	C	Pershing County - DW		Public	NV0000226	200	6	10	1.06	10.60	System improvements and upgrades	3,364,275.00	
133	N	N	C	Pershing County - DW		Public	NV0000226	200	100	10	1.06	10.60	Inlay Public Water System PER	85,000.00	
134	N	N	C	Moapa Valley Water District - DW		Public	NV0000160	6,750	2,275	11	0.92	10.08	Transmission line replacement	3,423,300.00	
135	N	N	C	West W endover, City of - DW		Public	NV0000246	4,512	1,103	9	1.10	9.88	3-Mile Water Loop connection	3,888,757.60	
136	N	N	C	West W endover, City of - DW		Public	NV0000246	4,512	1,103	9	1.10	9.88	Water line extension	1,490,874.00	
137	N	N	C	West W endover, City of - DW		Public	NV0000246	4,512	1,103	9	1.10	9.88	Pueblo Blvd Water Extension	1,299,293.80	
138	N	N	C	West W endover, City of - DW		Public	NV0000246	4,512	1,103	9	1.10	9.88	Redundancy distribution	1,127,294.00	
139	N	D	C	Esmeralda County-Goldfield - DW	Esmeralda County - DW	Public	NV0000072	375	375	6	1.62	9.73	Goldfield Radio Read Meters	235,961.16	Yes
140	N	N	C	Elko, City of - DW		Public	NV0000272	150	40	12	0.80	9.59	Galvanized Pipe Replacement	1,203,350.00	
141	N	N	C	Ely, City of - DW		Public	NV0000038	1,080	270	9	1.02	9.16	Water Main Upgrades	8,123,760.00	

Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total Points	MHI	Revised Points	Project Description	Estimated Loan Amount	Funded ⁴
142	N	C		Round Hill GID - DW		Public	NV0000260	1,200	480	16	0.56	8.92	Redundant Treatment System	900,000.00	
143	C			Verdi Meadows Utility Company, Inc. - DW		Private	NV0000196	430	171	10	0.87	8.69	Tank Rehabilitation	232,361.00	
144	N	C		Storey County - DW		Public	NV0000240	1,110	596	15	0.56	8.36	Tank & Distribution Replacement	4,001,814.00	
145	N	C		Henderson, City of - DW		Public	NV0000076	250	91	10	0.82	8.23	Somerset Water Main Rehabilitation	2,296,000.00	
146	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	440,000	133,000	9	0.91	8.18	Emergency operations improvement	2,000,000.00	
147	N	C		Silver Knolls Mutual Water Company - DW		Private	NV0000421	200	63	9	0.89	7.97	Backup Well Installation	1,231,750.00	
148	N	C		Storey County - DW		Public	NV0000240	1,110	803	14	0.56	7.80	Siphon Replacement Project	11,066,543.00	
149	N	C		Logan Creek Estates GID - DW		Public	NV0000260	60	22	10	0.73	7.29	New well construction	525,000.00	
150	N	C		Storey County - DW		Public	NV0000240	610	534	12	0.56	6.69	Water distribution replacement	1,406,200.00	
151	N	C		Storey County - DW		Public	NV0000240	35	14	12	0.56	6.69	Flowers St. Waterline Project	1,398,700.00	
152	N	C		West Wendover, City of - DW		Public	NV0000246	4,512	1,103	6	1.10	6.59	Water meter replacement	2,617,580.00	
153	N	C		Carson City - DW		Public	NV0000015	58,000	18,000	6	1.06	6.38	Lead and Copper Improvements	532,000.00	
154	N	C		Las Vegas Valley Water District - Kyle Canyon - DW	Las Vegas Valley Water District - DW	Public	NV0000142	350	250	9	0.68	6.16	Kyle Canyon Discharge Line	496,635.00	
155	N	C		Ely, City of - DW		Public	NV0000038	5,500	2,190	6	1.02	6.11	Water Service Meter Project	18,659,700.00	
156	N	C		North Las Vegas, City of - DW		Public	NV0000175	376,515	100,512	6	1.02	6.11	LCRR Compliance & Inventory	600,700.00	
157	N	C		Nye County - Manhattan Water - DW	Nye County - DW	Public	NV0000165	100	62	6	1.02	6.09	Preliminary Engineering Report & Environmental Review	100,000.00	
158	N	C		Nye County - Manhattan Water - DW	Nye County - DW	Public	NV0000165	100	62	6	1.02	6.09	Radio Read Meters	1,201,250.00	
159	N	C		Verdi Meadows Utility Company, Inc. - DW		Private	NV0000196	430	171	7	0.87	6.08	Water line relocation	1,510,344.00	
160	N	C		Verdi Meadows Utility Company, Inc. - DW		Private	NV0000196	500	171	7	0.87	6.08	Security & Telemetry Improvements	125,479.00	
161	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	6,800	2,700	6	1.00	5.98	New booster pump station	2,550,000.00	
162	N	C		Moapa Valley Water District - DW		Public	NV0000160	9,000	3,293	6	0.92	5.50	Backup Well Installation	2,396,000.00	
163	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	188,400	75,400	6	0.91	5.45	Off River Supply Improvements	1,500,000.00	
164	N	C		Truckee Meadows Water Authority - DW		Public	NV0000190	18,750	7,500	6	0.91	5.45	Spring Creek Well 9	1,970,000.00	
165	N	D		Big Five MHP - DW		Private	NV0000362	65	52	4	1.27	5.07	RZ Backflow Prevention	6,300.00	
166	N	C		Steamboat Springs Water Works - DW		Public	NV0000282	989	291	5	0.99	4.93	Water Meter Installation	662,550.00	
167	N	D		Fort Apache Ann NE Water Assoc. - DW		Private	NV0000430	25	16	3	1.47	4.41	Engineering & Permitting	50,000.00	
168	N	C		Las Vegas Valley Water District - Kyle Canyon - DW	Las Vegas Valley Water District - DW	Public	NV0000142	421	421	6	0.68	4.10	Kyle Canyon SCADA Upgrade	721,500.00	
169	N	D		Escapees Co-Op of Nevada, Inc. - DW		Private	NV0002552	200	200	3	1.27	3.80	New water storage tank	55,700.00	
Total Class III Projects														904,587,340.90	

Class IV Refinance														
Priority Number	N ¹	D ²	C ³	Entity	Parent Entity	Ownership	State ID	Pop Served Project	Num Connections Project	Total MHI Points	Revised Points	Project Description	Estimated Loan Amount	Fundcd ⁴
170			C	Humboldt County - DW		Public	Various	2,000	550	1	0.96	Cold Country/Star City Consolidation	600,000.00	
Total Class IV Projects													600,000.00	600,000.00

Total Projects **970,686,065.94**

Attachment F: DWSRF Banked Authority

			2% Small System Technical Assistance				
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	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	(227,990)	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	(6,280)	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	160,000	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
9/8/2021	FS99996019-2	116,000	2,320		2,320		0
9/17/2020	FS99996020	12,764,000	255,280		82,730		172,550
Planning	FS99996020-1	116,000	2,320	116,000	0	116,000	118,320
9/2/2021	FS99996021	12,752,000	255,040		169,963		85,077
9/20/2022	FS99996022	Base 8,123,000	162,460	66,320	0	66,320	228,780
Pending	22 BIL Supplemental	20,857,000	417,140				417,140
297,084,500			5,721,916	604,006	1,217,840		5,042,602

Banked Authority Available

875,520

			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	(128,168)	201,004
7/3/2007	FS99996007	8,229,000	329,160		329,160	(329,160)	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	(203,612)	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
9/8/2021	FS99996019-2	116,000	4,640		4,640		0
9/17/2020	FS99996020	12,764,000	510,560		90,930		419,630
Planning	FS99996020-1	116,000	4,640		4,640		0
9/2/2021	FS99996021	12,752,000	510,080		189,650		320,430
9/20/2022	FS99996022 Base	8,123,000	324,920	493,600	0	493,600	818,520
Pending	22 BIL Supplemental	20,857,000	834,280				834,280
		297,084,500	11,498,967	1,085,513	3,050,186		9,688,294

Banked Authority Available

2,389,246

			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	(1,505,821)	444,179
5/1/2010	FS99996010-0	21,719,000	2,171,900		510,222	(184,799)	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
9/8/2021	FS99996019-2	116,000	11,600		11,600		0
9/17/2020	FS99996020	12,764,000	1,276,400		0		1,276,400
Planning	FS99996020-1	116,000	11,600		11,600		0
9/2/2021	FS99996021	12,752,000	1,275,200		8,662		1,266,538
9/20/2022	FS99996022 Base	8,123,000	812,300	735,220		735,220	1,547,520
Pending	22 BIL Supplemental	20,857,000	2,085,700				2,085,700
297,084,500			26,630,344	3,214,277	5,383,325		23,898,671

Banked Authority Available

3,692,705