



Drinking Water State Revolving Fund

Intended Use Plan State Fiscal Year 2019



Round Hill General Improvement District

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

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LIST OF ACRONYMS

AB = Nevada State Assembly Bill
ARRA = American Recovery and Reinvestment Act of 2009
BFWP = Board for Financing Water Projects
BSDW = Bureau of Safe Drinking Water
BWPC = Bureau of Water Pollution Control
CWSRF = Clean Water State Revolving Fund
DWSRF = Drinking Water State Revolving Fund
EPA = Environmental Protection Agency
ETT = Enforcement Targeting Tool
FFY = Federal Fiscal Year
HUD = United States Department of Housing and Urban Development
IUP = Intended Use Plan
MHI = Median Household Income
NAC = Nevada Administrative Code
NDEP = Nevada Division of Environmental Protection
NIMS = National Information Management System
NRS = Nevada Revised Statute
NvRWA = Nevada Rural Water Association
OFA = Office of Financial Assistance
PBR = Projects and Benefits Reporting
PWS = Public Water System
PWSS = Public Water System Supervision
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



Baker Water & Sewer General Improvement District

1) Introduction

The 1996 Amendments to the Federal Safe Drinking Water Act (SDWA) authorized the creation of the Drinking Water State Revolving Fund (DWSRF). Nevada's program is administered by the Office of Financial Assistance (OFA) under the direction of the Nevada Division of Environmental Protection (NDEP), Department of Conservation and Natural Resources (DCNR). NDEP is the designated agency to apply for the capitalization grant for the DWSRF Program and related state funds. Nevada Revised Statutes (NRS) 445A.200 to 445A.295, inclusive, is 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 the 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) and any other monies deposited into the DWSRF. The IUP is the central component of the DWSRF grant application and communicates plans to stakeholders who include; systems, the public, 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 available DWSRF funding.

Nevada is expected to receive a federal capitalization grant under the Federal Fiscal Year 2019 Appropriations Bill. The Bill, requires amounts to be used from the capitalization grant for additional subsidy. Nevada plans to meet these requirements. Nevada is requesting the following funding levels:

Federal Capitalization Grant		\$12,756,000
Amount provided as subsidy	26.00%	\$3,316,560
Subsidy to Disadvantaged Communities	6.00%	\$765,360
Amount provided as loans	51.19%	\$6,530,320
Amount for Set-Asides	22.81%	\$2,909,120
Set-Aside Requests		
2% Small Systems Technical Assistance	2.00%	\$255,120
4% Administration	3.23%	\$412,000
10% State Program Management	8.62%	\$1,100,000
15% Local Assistance	8.95%	\$1,142,000

2) Goals

Nevada's Short-Term Goals	
◆	Provide financial assistance to recipients outlined on Nevada's 2019 Fundable List in Attachment C .
◆	Ensure compliance with all pertinent federal, state and local laws and regulations.
◆	Ensure fiscal soundness and perpetuity in the DWSRF program, which provides below AAA market rate financing for drinking water projects.
◆	Coordinate with other federal and state funding authorities to ensure systems receive as many resources as possible in funding their project.
◆	Market the DWSRF program to educate potential borrowers on funding opportunities with the program.

Nevada's Long-Term Goals

- ◆ Continue to assist Nevada's communities in fulfilling the requirements of the federal SDWA and State regulations through below AA 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 to provide funding to the program either to match the federal grants or provide additional resources for projects.
- ◆ Enhance Nevada's disadvantaged systems long-term sustainability by working with systems to develop fiscal sustainability plans, reasonable rates to sustain their system, and short-lived asset reserves.
- ◆ Ensure the program budget adequately supports resources, administrative activities and anticipates future needs.
- ◆ Develop an internal web based application that will maintain accountability over the DWSRF program and allow electronic interfacing with borrowers.

3) Project Eligibility, Criteria and Selection

The Nevada DWSRF program can be used to:

- ◆ Provide loans at a subsidized interest rate to systems for:
 - ◆ Rehabilitate or develop water resources to replace contaminated sources
 - ◆ Install or upgrade facilities to improve water quality
 - ◆ Install or upgrade storage facilities
 - ◆ Install or replace transmission or distribution assets
 - ◆ Consolidate 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. The 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.

The OFA considers the health and safety of the citizens of Nevada its first priority. The OFA conservatively estimates the needs of the systems within the state over a two year fiscal period. The needs of our systems, however, vary widely. Some of our systems are concerned with aging infrastructure, while others are working on attainment of water quality standards. The OFA accounts for these challenges by having direct dialogue with systems, engineers, technical advisors and contractors that deal with these systems directly. Nevada is a small enough state by system count that allows the OFA to work with these systems and 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. **Attachments A** outlines the DWSRF project priority list ranking criteria. See **Attachment D** for the 2019 Priority List and **Attachment E** for the 2020 Priority List.

Capacity Assessment

The SDWA requires that a public water system applying for a DWSRF loan must show that 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 that the system acquires adequate capacity. The goal of this requirement is to ensure that DWSRF assistance is not used to create or support non-viable systems. Nevada'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 (5) years. The state can use the TMF capacity survey and will consider the results of sanitary surveys and Enforcement Targeting Tool (ETT) score when assessing capacity.

Technical Capacity

NRS 445A.847 defines technical capability. DWSRF loan applicants must show that drinking water sources are adequate, that the system's source, treatment, distribution, and storage infrastructure are adequate and that personnel have the technical knowledge to efficiently operate and maintain the system. As part of reviewing a loan applicant's TMF Capacity Survey, OFA reviews the system's records to assure that the system is being properly operated and maintained. The water system must not have outstanding water compliance problems unless the DWSRF project is intended to correct those problems. 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 operation. 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, is responsive to all regulations, is available to respond to emergencies and is capable of identifying and addressing all necessary capital improvements and assuring 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 necessary costs of maintenance, operations, debt service and capital expenses, and 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 as it's available to ensure adequate financial capacity of the applicant. Current ratios used to analyze the borrowers solvency and liquidity include: current ratio, sales/receivables, operating ratio (before depreciation), and debt coverage ratio (before depreciation).

OFA assesses whether each water system has a long-term plan to undertake feasible and appropriate changes in operations necessary to develop adequate capacity. In making these assessments, the OFA will consult with NDEP's Bureau of Safe Drinking Water (BSDW) and local health departments and review water resource management strategies, comprehensive studies, the State's response to the Drinking Water Needs Survey and other available engineering reports in an effort to improve the overall capacity of systems requesting assistance. The OFA will encourage consolidation efforts when two or more systems can benefit and also 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

At the end of each calendar year, NDEP sends out a solicitation to all systems for proposed water projects. In late December 2017, NDEP sent out a solicitation letter for the 2019 Priority List. The Division held a Priority List Workshop on May 8, 2018 at 10:00 am for review of the 2019 Priority List. The Board for Financing Water Projects (BFWP) approved the list at their publically noticed June 20, 2018 meeting. The 2019 Priority List went into effect at the board meeting.

In December 2018, NDEP sent out a solicitation letter for the 2020 Priority List. The Division held a Priority List Workshop on March 12, 2019 at 1:30 pm for review of the 2020 Priority List. The BFWP approved the list at their publically noticed April 17, 2019 meeting.

To ensure that the public has an opportunity to review our proposed plans for the DWSRF, the 2020 draft IUP will be posted on the Division's website <https://ndep.nv.gov/water/financing-infrastructure/state-revolving-fund-loans/drinking-water> for 30 days before it is finalized. Additionally, conditions for principal forgiveness loans were presented to attendees at the Priority List workshop on March 12, 2019 and were mailed out directly to potential borrowers who may qualify for principal forgiveness funding based upon the pre-application submitted.

4) Set-Aside Activities

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

- ◆ **Small system technical assistance** – for assistance to small systems serving less than 10,000 people through the state personnel or agreements with third party assistance providers. Nevada utilizes technical service providers to assist with:
 - ◆ Compliance issues and sanitary survey deficiencies
 - ◆ Cross connection controls
 - ◆ Emergency assistance
 - ◆ Water and Energy conservation
 - ◆ Hydraulic modeling
 - ◆ operation and maintenance manuals
 - ◆ Digital mapping of system assets
 - ◆ Fiscal sustainability plans
 - ◆ Budgeting, rate setting, board training, general office and business training

Maximum Allowed	2.0% or \$255,120
Requested Amount	2.0% or \$255,120
Banked Amount	\$0

- ◆ **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 authorized to allow more funding for projects.

Maximum Allowed	4.0% or \$510,240
Requested Amount	3.23% or \$412,000
Banked Amount	\$98,240

- ◆ **State program management** – for Public Water System Supervision program support, 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) for use in managing Nevada Public Water System's (PWS) and will integrate SDWIS with other Bureau workflow management tools and other State databases as appropriate. BSDW continues to manage State and US EPA compliance and enforcement priorities using Enforcement Targeting Tool information, pursuing enforcement as warranted and track ongoing compliance with Administrative Orders issued for noncompliance. In addition, the BSDW maintains engineering design review activities.

Capacity Development Program

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

Operator Certification

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

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

Maximum Allowed	10.0% or \$1,275,600
Requested Amount	8.62% or \$1,100,000
Banked Amount	\$175,600

- ◆ **Local assistance and other state programs** – Funds for this set-aside are used to support the implementation of local drinking water protection initiatives, including evaluating regional solutions, conducting sustainability audits and land acquisition for source water protection. Federal regulations state that no more than 10 percent of the federal capitalization grant can be allotted to any one of these activities.

Wellhead Protection

Implement the comprehensive Source Water Protection Program by providing outreach and assistance communities with strategies to protect their local water resources by preventing contamination of ground water and surface water, identifying and reducing the risk posed by potential water pollution sources through various state and local program and coordinating water protection activities throughout the state. Utilize information gathered in the assessment program to implement the vulnerability assessment and monitoring waiver program.

Capacity Development

Nevada intends to provide assistance in technical, managerial, and financial capacity development to water systems. Technical assistance providers under contract will offer assistance on a variety of issues that systems of any size may need.

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, to develop and perform technical

assistance outreach and to develop a strategy for dealing with threats including pathogens, inorganics and nutrients.

In SFY 2019, NDEP will work to further integrate its state-side source water protection strategy with other federal, state and local programs leading to improved protection and management of its water resources. NDEP continues to encourage public support and responsibility for local water supplies by supporting citizen advisory committees to help in the implementation of NDEP's existing source water protection program.

Maximum Allowed	15.0% or \$1,913,400
Requested Amount	8.95% or \$1,142,000

5) Loan Requirements and Program Assurances

Nevada will assure compliance with the following federal requirements:

- ◆ Additional Subsidy. Nevada will provide additional subsidy as required by the grant conditions. See [Attachment B](#) for details.
- ◆ American Iron and Steel. Nevada will ensure borrowers comply with the American Iron and Steel Requirement on any project funded in whole or in part with DWSRF funds.
- ◆ Cash Draw Ratio. Nevada will deposit and disburse required state match funds prior to drawing any funds from the federal capitalization grant.
- ◆ Davis-Bacon. Nevada will ensure borrowers comply with The Davis-Bacon act for construction projects funded in whole or in part with DWSRF funds.
- ◆ Disadvantaged Business Enterprise. Nevada agrees to follow the DBE good faith efforts guidance and goals as approved by EPA-Region 9 on November 22, 2016. All contracts for funding assistance under the DWSRF program will contain the good faith efforts guidance and goal percentages.
- ◆ 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 include other federal cross-cutter requirements as applicable.
- ◆ Expeditious and Timely Expenditures. Nevada will expend all funds in the DWSRF in an expeditious and timely manner.
- ◆ Federal Cross-Cutters. Nevada will ensure compliance with other federal cross-cutters, where applicable.
- ◆ Small System Funding. Nevada will ensure at least 15 percent of the projected funding amount will be for public water systems that regularly serve fewer than 10,000 people, as required by the SDWA. Please see [Attachment C](#).
- ◆ Reporting. Nevada commits to providing data or information on the DWSRF program to federal, state, or public inquiries in a manner as requested.

6) Financial Management

Grant Match Requirements

The SDWA requires state to provide a twenty (20) percent match to the capitalization grant. Nevada issues General Obligation Bonds additionally secured by pledged revenues to meet this match requirement. In State Fiscal Year (SFY) 2017, Nevada issued a par amount of \$6,215,000, which satisfied the match requirement through the 2019 grant award.

Program Leveraging

States may issue additional bonds through the DWSRF program using the federal capitalization grant as security to provide for higher funding levels in the current year. The DWSRF program has not issued leveraged bonds previously. The OFA does not see a need for additional leveraged funds in SFY 2019, but will consider issuing leverage bonds should projects ready to proceed need funding in a more expeditious manner.

Fee Income

The OFA has not established a fee requirement for drinking water loans and does not plan do so in SFY 2019. However, statutory authority exists to allow OFA to do so.

Auditing

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

Borrower creditworthiness and review

The OFA will evaluate each applicant's fiscal information prior to executing a loan and each year the loan is outstanding. Borrowers must demonstrate their ability to repay the loan extended to them to safeguard the public funds extended to the borrower in the loan contract. Borrowers must also demonstrate fiscal sustainability in their system throughout the term of the loan contract. Fiscal information that can be reviewed include, but are not limited to: bank statements, financial reports, financial audits, user rates, debt management policies, and capital improvement plans. Current ratios used to analyze the borrowers solvency and liquidity include: current ratio, sales/receivables, operating ratio (before depreciation), and debt coverage ratio (before depreciation).

Principal Repayments

Traditional loans will have a maximum term of 20 years or the life of the assets funded, whichever is shorter. Principal Forgiveness Loans for disadvantaged communities will have a maximum term of 30 years or the life of the assets funded, whichever is shorter. Repayment of loan principal will commence no later than three years after the date of the agreement or immediately after project completion, whichever is earlier. Principal from loan recipients will be used by the program to issue new loans.

Interest on Loans

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

The interest rate for SRF project loans shall be:

- ◆ For tax-exempt bonds, the State shall charge an interest rate on the outstanding principal of the general obligation bond equal to 62.5% of the Index of Twenty Bonds most recently published in The Bond Buyer.

- ◆ For taxable bonds, the State shall charge an interest rate on the outstanding principal of the general obligation bond equal to 62.5% of an available index of taxable general obligation bonds or if not available, an applicable index.

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:

- ◆ For tax-exempt bonds, the State shall charge an interest rate on the outstanding principal of the general obligation bond equal to the rate of the current Municipal Market Data (MMD) AAA Curve scale corresponding to the average life of the refunding bonds (rounded up to the next full year) plus 25 basis points.

In special circumstances where a SRF loan financing or refinancing does not fit within the interest rate parameters above (e.g. a SRF project loan with an amortization term of ten years or less, a taxable refinancing of an existing SRF project loan or municipal debt incurred for a SRF qualified project), the Treasurer's Office in consultation with its Financial Advisor and the Division of Environmental Protection will determine the rate utilizing an applicable index in line with the methodology above to produce a loan at or below the current market rate.

Use of All Funds Available

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

1. Bond proceeds (Match and Leverage, if available)
2. Capitalization Grant Funds
3. Re-loan Principal
4. Re-loan Interest
5. Investment Interest (Treasurer's Interest)

All privately issued loans will be funded with capitalization grant funds only. Nevada's intended resources and uses of those resources for the SFY 2019 is as follows:

Estimated FY2019 and Cumulative Sources and Uses			
	Cumulative Total through SFY2018 Grants	SFY 2019	Cumulative Total
SOURCES			
Federal Capitalization Grants	210,100,500	12,756,000	222,856,500
ARRA Capitalization Grant	19,500,000	0	19,500,000
State Match Bond Issues	46,511,952	0	46,511,952
Principal Repayments	79,107,005	11,326,519	90,433,524
Interest Repayments	39,490,052	3,879,129	43,369,181
Investments Earnings	4,439,921	925,238	5,365,159
Funds Transferred from (To) DWSRF	0	0	0
TOTAL SOURCES	399,149,430	28,886,886	428,036,316
USES			
Final Loan Agreements (non-ARRA)	272,321,168	0	272,321,168
Final Loan Agreements (ARRA)	19,039,051	0	19,039,051
Fundable List of Projects	0	18,970,662	18,970,662
Match Bond Debt Service Payments	42,991,272	4,039,750	47,031,022
2% Small Systems Technical Assistance (Non-ARRA)	3,319,987	264,940	3,584,927
4% Administrative Expenses (Non-ARRA)	5,931,427	404,366	6,335,793
4% Administrative Expense (ARRA)	16,770	0	16,770
10% State Program Management (Non-ARRA)	14,007,799	1,106,657	15,114,456
10% ARRA State Program Management (ARRA)	444,179	0	444,179
15% Local Assistance (Non-ARRA)	14,511,818	1,170,641	15,682,459
Available for future loan commitments	21,282,872	2,929,870	24,212,742
Debt Service Reserves	5,283,087		5,283,087
TOTAL USES	399,149,430	28,886,886	428,036,316

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 that are available for principal forgiveness loans is based upon 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 is outlined on [Attachment C](#).

Program Transfers

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

Cumulative capitalization grant received through SFY 2018	\$229,600,500
33% of DWSRF Capitalization grant funds	\$75,768,165

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 facilitate compliance with national primary drinking water regulations applicable to the public water system under Section 1412 of the SDWA. Priority is also given to those projects which otherwise significantly further the health protection objectives of Section 1452 of the SDWA and for public water systems most in need on a per capita basis. The priority ranking system, described generally below, is described in detail 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; and
4. Refinance of existing debt that qualify under the DWSRF.

Points assigned, as specified in NAC 445A.67569, to address different problems within a class are additive. The initial ranking number is multiplied by the ratio of the State MHI to the public water system MHI. Within each of the above categories, the projects are ranked by type of public water system 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 at the end of each calendar year, the Division develops a statewide priority list of water projects, which is made a part of this IUP. Placement on the priority list does not guarantee that a project will be funded. However, only those projects that are 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.

The Division may revise the ranking of a project on an existing list at any time if information affecting the ranking of the project becomes available that was not available at the time the list was developed. The Division may, without obtaining the approval of the Board for Financing Water Projects or holding a public participation workshop, revise a priority list to correct minor typographical or technical errors.

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

Eligible projects on the priority list may be bypassed if the applicant withdraws a project, requests that action be deferred, fails to meet submittal deadlines, or is not ready to proceed as determined by the Division. The projects that are bypassed will be provided notice by the Division and have an opportunity for objection.

Requests for financial assistance for emergency situations may be made to the Division 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. The Board for Financing will add the project to the priority list at the same time the Board approves the loan commitment.

Attachment B: DWSRF Principal Forgiveness Loans

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

Eligibility Criteria

Nevada defines a disadvantaged community as an area served by a public water system in which the average income per household is less than 80 percent of the median household income (MHI) of the state.

The OFA will evaluate systems using the below criteria to determine if they will qualify for a principal forgiveness loan. A total of 355 points are available. A system needs to obtain 50 or more points to be eligible for a principal forgiveness loan.

- ◆ Median Household Income (MHI) means:
 - The latest American Community Survey information used for the current year project priority list, or,
 - A valid income survey performed within the last five (5) calendar years.
- ◆ Population Trends means:
 - The change in population over a three (3) year period as reported on the latest American Community Surveys available.
- ◆ Unemployment Percentage means:
 - The percent listed on the same American Community Survey used for the MHI calculations.
- ◆ Percent of population not in workforce means:
 - The percent listed on the same American Community Survey used for the MHI calculations.
- ◆ Affordability means:
 - Whether or not an interest bearing loan will increase sufficient user rates by 25% or more.
 - A comparison to the existing operating, maintenance, debt service, and reserve requirements to the new operating, maintenance, debt service, and reserve requirements will be performed. This will be compared to established user rates.
 - Established user rates must be considered sufficient, meaning rates will cover operating, maintenance, debt service, and reserve requirements of the new system.
- ◆ Planning and design
 - Preliminary Engineering Reports (PER) and Environmental Reviews (ER) must meet the conditions of NDEP’s guidance documents and the Rural Utilities Services (RUS) Bulletin 1780-2. The funding may also include pilot studies if the specific course of action the community must address is for water quality.
 - For funding to design a project only, the system must demonstrate that the project has been determined to be the best alternative for the specific course of action the community must address and also be ready to proceed to construction upon completion of the design.
- ◆ Other factors will be counted if they relate to the project.

Scale to Determine Principal Forgiveness Eligibility

State Median Household Income (MHI) versus Community MHI	Possible Points	System Received
Based upon the Current Priority List data		
1.25 or more	50	
less than 1.25	0	
Project Points		0
Population Trends	Possible Points	System Received
Based upon last three years of American Community Survey best available data		
1. Decreasing	5	
2. Increasing	0	
Project Points		0
Unemployment Rate	Possible Points	System Received
Based upon American Community Survey used for MHI data		
Greater than statewide unemployment	5	
Less than statewide unemployment	0	
Project Points		0
Population not in workforce	Possible Points	System Received
Based upon American Community Survey used for MHI data		
Greater than statewide percentage	10	
Less than statewide percentage	0	
Project Points		0
Affordability	Possible Points	System Received
Would an interest bearing loan increase already sufficient user rates by 25% or more with the new system and debt service?		
Yes	20	
No	0	0
Project Points		0
Planning and design	Possible Points	System Received
Preparation of a Preliminary Engineering Report (PER) with an Environmental Review (ER) to help systems address a specific need for their community.	45	
Design only for any size system	45	
Project Points		0
Other Factors	Possible Points	System Received
Systems facing acute or chronic health conditions	50	
Consolidation into another public water system(s) if the assistance will ensure that the system returns to and maintains technical, financial, or managerial capacity in accordance with 40 CFR §35.3520(b)(2)(v).	50	
Systems owned by public educational institutions	50	
Small Systems that serve populations less than 10,000 people	20	
System is funding a short-lived asset reserve account	5	
Project Points		0

Total Project Points

0

Points needed to Qualify for Principal Forgiveness is 50

Maximum Points are 355

Special Terms and Conditions for principal forgiveness loans

- Principal forgiveness funding for construction projects and consolidation projects may be provided up to \$500,000 for each project unless there are extenuating circumstances determined to be present by OFA and approved by the Board. OFA will take into consideration the following as extenuating circumstances for additional funds over \$500,000.

1. OFA has funding available to commit to principal forgiveness projects
2. The system has extenuating circumstances beyond their control
 - a. Project will address an acute or chronic health condition
 - b. Un-funded mandate for compliance to the safe drinking water standards
 - c. Bid exceedances greater than 20% of projected costs
 - d. Loss of source or supply issues
 - e. Consolidation projects will also consider sustainability in technical, managerial, or financial oversight of the existing system that are beyond the system's control
3. The system would take on unreasonable costs for bonding the additional loan amount.
 - a. Unreasonable would be greater than 5% of the loan principal amount.

◆ Principal forgiveness for planning and design reports.

- ◆ Funding may be provided up to \$100,000 for each applicant. A 15% match will be required for each disbursement request.
- ◆ OFA will add as a condition of the funding agreement for PER's and ER's:
 - ◆ PER must meet the conditions of NDEP's guidance documents and the Rural Utilities Services (RUS) Bulletin 1780-2. The ER must address the chosen project(s) area of impact to move the project into the design phase for funding. Should the document not meet these conditions, the funding is subject to repayment to OFA of all principal advanced for the creation of the document.
 - ◆ OFA may provide reimbursement on eligible expenses in connection with planning meetings conducted with OFA and the borrower throughout the creation of the documents. Planning meetings will be requested with borrowers and their selected engineering professional to discuss the status of the document.

Whichever is shorter		
% Complete	Months Expired	Eligible expenses may be reimbursed up to % of loan
30%	6 months	30%
60%	9 months	60%
90%	12 months	90%
100%	15 months	100%

◆ Construction Projects

- ◆ Applicants seeking funding from the DWSRF for construction projects must demonstrate the systems willingness to sustain itself. OFA considers this to be a necessary element of a system's overall requirements to demonstrate technical, managerial, and financial capabilities to qualify 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 (3) years.
 - ◆ Maintain a fiscal sustainability plan that:
 - Includes an inventory of critical assets that are part of the system;
 - Evaluates the condition and performance of inventoried assets or asset groupings;
 - Documents the useful life of the assets;

- Contains a plan for maintaining, repairing, and as necessary, replacing the assets;
- Contains a plan for funding maintenance, repair, and replacement; and
- Evaluates and implements water and energy conservation efforts.

Loan applicants must certify as part of the loan contract that the recipient has, or will develop, a FSP prior to the final draw on the loan. OFA will consider the system responsive to its system needs if FSPs are evaluated by the governing board no later than five (5) years prior to the date of the loan application. Assistance in developing a FSP can be provided to applicants free of charge.

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

Attachment C: DWSRF 2019 Fundable List

2019 Fundable List

Grant Applied to:	*PL Class	PL Rank	Community Name/Project Sponsor	Population	Project Description	Total Assistance	Estimated Binding Commitment	Interest Rate	Principal Forgiveness	D**	Population less than 10,000
2019	2020-II	4	Beatty Water and Sanitation District	1,010	Arsenic and Fluoride compliance	630,000	6/30/2019	PF	630,000	D	630,000
2019	2020-II	7	Alamo Sewer and Water District	900	Arsenic treatment	642,720	6/30/2019	PF	642,720	D	642,720
2019	2020-II	28	Hawthorne Utilities	3,020	Storage	1,000,000	6/30/2019	PF	1,000,000	D	1,000,000
2019	2020-III	59	Nye County / Gabbs	411	Distribution	560,000	6/30/2019	PF	560,000	D	560,000
2019	2020-III	20	Walker Lake GID	400	Distribution and source	500,000	6/30/2019	PF	500,000	D	500,000
2019	2020-III	83	West Wendover, City of	4,406	Refinancing USDA debt	2,200,000	6/30/2019	?			2,200,000
2019	2020-III	38	Las Vegas Valley Water District / Big Bend	9,300	Transmission and Distribution	5,000,000	6/30/2019	?			5,000,000
2019	2020-III	62,69,7	West Wendover, City of	4,406	Transmission and Distribution	4,484,142	6/30/2019	?			4,484,142
		8									

15,016,862
3,332,720.00 100.0%
#####

Disadvantaged Principal Forgiveness Total

Projects to be applied to earlier Grants

Grant Applied to:	*Class	Rank	Project Name	Population	Project Description	Total Assistance	Binding Commitment	Interest Rate	Principal Forgiveness	D**	Population less than 10,000
2017	2020-II	5	Humboldt County (McDermitt)	200	Arsenic Compliance	568,800	6/30/2019	PF	568,800	D	568,800
2017	2020-II	11	Mount Rose Bowl POWC	40	LOC Compliance	500,000	6/30/2019	PF	500,000		500,000
2017 / 2018	2020-III	46	Humboldt County (Star City)	360	Consolidation and System Improvements	575,000	6/30/2019	PF	575,000		575,000
2018	2020-III	55	Roark Estates HOA	62	Additional storage	200,000	6/30/2019	PF	200,000	D	200,000
2018	2020-III	45	Verdi Elementary School	250	Removal of arsenic treatment at a public school	1,000,000	6/30/2019	PF	1,000,000		1,000,000
2018	2020-II	4	Beatty Water and Sanitation District	1,010	PER for arsenic & Fluoride	100,000	6/30/2019	PF	100,000	D	100,000
2018	2020-III	19	Golconda	114	Infrastructure Improvements	550,000	6/30/2019	PF	550,000	D	550,000
2018	2020-III	54	Silver Springs Mutual Water Company	3,070	Rehabilitation of storage tank	300,000	6/30/2019	PF	300,000	D	300,000
2018	2020-III	50	Round Hill GID	1,821	PER for redundant treatment chamber	100,000	6/30/2019	PF	100,000		100,000
2018	2020-III	17	Topaz Ranch Estates GID	1,501	PER for new source	60,000	6/30/2019	PF	60,000	D	60,000

3,953,800
3,953,800
3,953,800

Totals	Disadvantaged Principal Forgiveness Total					18,970,662	7,286,520	5,111,520	70.2%
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*Class
I Acute Health Risk
II Chronic Health Risk
III Rehabilitation
IV Refinancing

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

Attachment D: DWSRF 2019 Project Priority List

Year 2019 Priority List - Drinking Water State Revolving Fund

Priority	Water System	ID#	Pop. Served	Number of Svc. Conn.	Total Points	State Mill PWS Mill	D ¹	Revised Points	Ownership	Project Description	Estimate	Funded
Class I - Acute Health Risks												
Community Public Water Systems												
1	Riverdale MHP	NV0000244	150	71	5	0.74		3.72	Private	PERER, new source - possible consolidation	\$833,500	Y
2	Humboldt Co - Grass Valley	NV0001086	4,000	1,600	2	1.09		2.18	Public	PERER, Creation of new water system	\$100,000	
3	Las Vegas Valley Water District	NV0000080	1,306,410	354,123	2	1.04		2.09	Public	Consolidation of Sunrise Mountain Trailer Park	\$302,137	
Total Class I												\$1,235,637
Class II - Chronic Health Risks												
Community Water Systems												
4	Humboldt Co (McDermitt)	NV0000162	200	100	10	1.48	D	14.75	Public	Arsenic compliance	\$700,000	Y ²
5	Alamo Sewer & Water GID	NV0000005	900	318	10	1.12		11.18	Public	Arsenic treatment	\$1,892,600	
6	Beatty Water & Sanitation District	NV0000009	1,010	446	10	1.06		10.58	Public	Wells 2, & 3 arsenic & fluoride treatment	\$1,970,000	
7	Truckee Meadows Water Authority	NV0000190	325,000	91,000	10	1.03		10.31	Public	Groundwater treatment (arsenic, iron, manganese removal) for reliable source during drought	\$27,065,038	
8	Truckee Meadows Water Authority	NV0000190	325,000	91,000	10	1.03		10.31	Public	Consolidation of Old Fort West Water System with TMWA	\$250,000	
9	Silver Knolls Mutual Water Co	NV0004021	120	63	10	0.97		9.66	Private	Arsenic compliance	\$516,000	Y
10	Mt. Rose Bowl Property Owners' Water Co	NV0000732	40	15	10	0.84		8.43	Private	PERER, LCR compliance, new storage tank	\$800,000	Y ²
11	Carson City	NV0000015	56,000	16,447	10	0.83		8.32	Public	Completion of Regional Water Project - extension from Washington & Phillips to Oull Treatment Plant	\$7,544,452	
12	Douglas County (Fairgrounds/Sunrise Estates)	NV0002540	150	46	10	0.81		6.06	Public	Arsenic compliance	\$2,619,000	
Total Class II												\$43,157,090
Class III - Rehabilitation												
Community Public Water Systems												
13	Hawthorne Utilities	NV0000073	3,020	1,894	56	1.51	D	84.52	Public	Rehabilitation/replacement, distribution mains, source, & storage; consolidate with SOC	\$7,458,000	Y
14	Esmeralda Co (Goldfield)	NV0000072	375	276	33	2.12	D	70.08	Public	Transmission line replacement	\$3,475,674	Y ²
15	Lander Co Sewer & Water Dist 2 (Austin)	NV0000006	350	230	59	1.14		67.14	Public	Source, treatment, storage, transmission & distribution	\$1,007,000	
16	Lockwood Meadows Water District	NV0000161	5,278	1,409	39	1.58	D	61.56	Public	Rehabilitation/replacement	\$5,000,000	
17	Elo Co (Montello)	NV0000169	180	75	15	3.44	D	51.66	Public	New well, transmission line, storage, & other system improvements	\$500,000	
18	Topaz Ranch Estates GID	NV0000239	1,501	730	39	1.25		48.72	Public	PERER, New source	\$13,775,956	Y ³
19	Alamo Sewer & Water GID	NV0000005	900	318	36	1.12		40.24	Public	Rehabilitation/replacement, well, storage tank, transmission & distribution lines	\$3,670,000	
20	Churchill Co (Pine Grove Rehab)	NV0000406	750	320	33	1.17		38.62	Public	Storage, new source	\$471,975	
21	Hawthorne Utilities	NV0000073	3,300	1,800	25	1.51	D	37.73	Public	Sand Creek back-up well & storage (Rehab Pine Grove system)	\$175,000	Y ²
22	Lyons County Utilities (Dayton)	NV0000338	13,000	6,400	39	0.86		37.44	Public	PERER - Regional consolidation	\$9,000,000	
23	Las Vegas Valley Water District	NV0000090	1,306,410	354,123	35	1.04		36.52	Public	New well, storage, & upgrade transmission & distribution lines	\$13,208,090	Y
24	Walker Lake GID	NV0000268	400	160	26	1.39	D	36.01	Public	System rehab, source, storage, distribution & backflow	\$3,000,000	
25	City of North Las Vegas	NV0000175	334,800	87,000	35	0.99		34.69	Public	Distribution rehabilitation, surface water treatment	\$11,860,000	Y
26	Beatty Water & Sanitation District	NV0000009	1,010	446	31	1.06		32.81	Public	Replacement of 4 wells including disinfection & buildings	\$2,582,830	
27	Big Bend Water District	NV0004892	9,300	2,200	20	1.62	D	32.42	Public	Pipeline replacement, controls, & other system projects	\$1,308,317	Y
28	Storey County	NV0000240	1,400	500	39	0.81		31.61	Public	Riverbank filtration pretreatment	\$125,000	
29	Elio Co (Mountain City)	NV0000170	134	40	23	1.33	D	30.56	Public	PERER (VC Highlands - New source, storage, transmission & distribution system)	\$893,384	
30	Round Hill GID	NV0000260	1,300	480	28	1.09		30.44	Public	Spring, rehabilitation & transmission line replacement	\$668,000	Y
31	City of Fernley	NV0000062	19,500	7,000	28	1.02		28.69	Public	Consolidation of Castle Rock HOA with RHGD	\$8,000,000	
32	Orovada GID	NV0003022	200	50	19	1.48	D	28.03	Public	Surface water conveyance & treatment	\$1,800,000	
33	City of Carlin	NV0000014	2,500	900	39	0.71		27.54	Public	Storage, distribution, meters	\$10,000,000	
34	Truckee Meadows Water Authority	NV0000190	325,000	91,000	25	1.03		25.77	Public	Source, storage, transmission & distribution rehabilitation/replacement	\$3,531,000	Y
35	Truckee Meadows Water Authority	NV0000190	325,000	91,000	25	1.03		25.77	Public	Consolidation of West Reno Water Co (Boon town) with TMWA	\$710,000	
36	Truckee Meadows Water Authority	NV0000190	325,000	91,000	25	1.03		25.77	Public	Consolidation of Verdi Mutual Water System with TMWA	\$38,800,000	
37	Douglas Co (Lake Tahoe Systems)	NV0000258	2,800	1,085	34	0.75		25.49	Public	Consolidation of River Belle MHP with TMWA	\$320,946	Y
38	City of North Las Vegas	NV0000175	335,365	86,665	25	0.99		24.78	Public	Replacement/upgrade, Storage tank, booster stations, water lines, SCADA, & redundant treatment capacity	\$2,200,000	
39	Douglas Co (Upwavy)	NV0000817	85	35	31	0.75	D	23.24	Public	Consolidation of Vans Oasis MHP with VMLV	\$5,000,000	
40	Big Bend Water District	NV0004892	9,300	2,200	14	1.62	D	22.69	Public	PERER, Distribution system upgrades; Consolidation of Upwavy with Glenbrook; & Other system needs for consolidation		

Class III- Rehabilitation Community Public Water Systems											
41	Silver Springs Mutual Water Co	NV00002222	3,070	1,164	15	1.47	D	22.01	Private	Rehabilitate/repair Idaho Well	\$800,000
42	Round Hill GD	NV00002260	1,821	480	20	1.09		21.74	Public	Redundant treatment system contact chamber	\$400,000
43	Kingsbury GD - Ponderosa HOA	NV00000004	3,839	2,450	25	0.84		20.96	Public	Consolidation of Ponderosa HOA with KGID	\$570,355
44	Kingsbury GD	NV00000004	3,839	2,450	24	0.84		20.13	Public	PER/ER rehab/replace pipelines, pumps, & tanks	\$90,000
45	Gold County Water Co	NV00003079	360	122	25	0.78		19.53	Private	Acquisition/consolidation of Star City HOA water system	\$675,000
46	Moapa Valley Water District	NV00001660	8,500	3,200	25	0.77		19.29	Public	Arrow Canyon Well #3 & Warm Springs 500k Tank	\$4,292,030
47	Verdi Elementary School	NV00003000	250	1	25	0.74		18.59	Public	Consolidation with TMWA	\$873,000
48	Storey County (Virginia City)	NV00002040	2,517	694	24	0.77		18.53	Public	Tank transmission	\$7,000,000
49	Virgin Valley Water District	NV00001667	18,000	8,071	15	1.22		18.27	Public	New source(s)	\$4,050,000
50	McGill - Ruth GD	NV00001664	700	320	18	0.99		17.78	Public	New water source for Ruth	\$1,624,000
51	Kingston	NV00002655	200	155	15	1.14		17.07	Public	PER/ER New source	\$2,014,000
52	Nye County (Gabbos)	NV00000063	411	160	6	2.71	D	16.25	Public	Distribution line & appurtenances replacement	\$700,000
53	Lyon County Utilities (Silver City)	NV00002040	244	116	14	1.12		15.64	Public	Transmission & distribution line replacement	\$2,000,000
54	Silver Springs Mutual Water Co	NV00002223	3,070	1,164	10	1.47	D	14.67	Private	Rehabilitate/recoat North Water Storage Reservoir	\$228,404
55	Tonopah Public Utilities	NV00002237	2,600	1,500	10	1.38	D	13.75	Public	Airport storage tank replacement & booster pump re-conditioning	\$395,500
56	Esmeralda Co (Silver Peak)	NV00003363	111	75	10	1.23		12.31	Public	Storage Tank Rehabilitation	\$257,300
57	Kyle Canyon	NV00001042	1,040	353	15	0.66		9.88	Public	New source	\$930,000
58	McGill - Ruth GD	NV00001664	700	320	10	0.99		9.88	Public	Rehabilitate storage tank	\$199,057
59	Virgin Valley Water District	NV00001667	18,000	8,071	8	1.22		9.74	Public	Transmission main - Mesquite Heights to Pulte	\$1,080,000
60	Lyon County Utilities	Various	17,000	8,000	8	1.08		8.67	Public	PER/ER for Lyon Co Utilities Expansion to Silver Springs	\$150,000
61	Lyon County Utilities-Stagecoach GD	NV00002024	1,411	580	8	1.04		8.31	Public	Inferlie Stagecoach GD with Lyon County Utilities	\$1,280,000
62	Elko Co (Tuscarora)	NV00001689	40	21	6	1.33	D	7.97	Public	Distribution system looping	\$229,704
63	Rock Estates HOA	NV00003319	62	27	10	0.76		7.63	Private	New storage tank	\$100,000
64	Esmeralda Co (Silver Peak)	NV00003363	111	75	6	1.23		7.39	Public	System rehabilitation due to corrosion & leaking assets	\$399,508
65	Churchill County	NV00004066	750	320	6	1.17		7.02	Public	8-inch distribution line extension from Bottom Rd to Alcorn Rd	\$333,325
66	City of West Wendover	NV00002046	4,990	1,103	6	1.16		6.97	Public	Sycamore Way waterline improvement project	\$702,416
67	Esmeralda Co (Goldfield)	NV00000072	375	282	3	2.12	D	6.37	Public	Metering system upgrade to radio read	\$198,802
68	Douglas Co (West Valley Water System)	NV00002564 & NV0002054	1,090	421	15	0.40		5.97	Public	New water supply source	\$3,000,000
69	City of Ely	NV00000038	5,500	2,200	6	0.79		4.76	Public	Distribution main replacements & storage upgrades	\$23,568,000
70	City of Ely	NV00000038	5,500	2,200	6	0.79		4.76	Public	Water main replacements on Aulman St & Great Basin Blvd	\$3,666,000
71	Humboldt Co (McDermitt)	NV00001622	200	100	3	1.48	D	4.43	Public	Meters	\$90,000
72	Tonopah Public Utilities	NV00002237	2,600	1,500	3	1.38	D	4.13	Public	Metering system upgrade to radio read	\$646,323
73	City of West Wendover	NV00002046	4,990	1,103	3	1.16		3.48	Public	Water meter & meter yoke replacement	\$1,832,480
74	City of North Las Vegas	NV00001755	334,800	87,000	3	0.99		2.97	Public	Advanced Metering Infrastructure project	\$27,550,000
75	Lyon County Utilities (Dartton)	NV00000032	13,000	6,400	3	0.86		2.88	Public	Systemwide meter replacement project	\$1,150,000
76	Glenbrook Water Cooperative	NV00003556	1,000	288	6	0.40		2.37	Private	PER, distribution line replacement/looping	\$38,000
77	Douglas County Public Works	Multiple	9,450	3,610	3	0.77		2.32	Public	Telemetry & SCADA improvements	\$1,265,000
Class III- Rehabilitation Non-Community Public Water Systems											
78	Trout Canyon Land & Water Users Assoc	NV00004060	140	70	59	1.24		73.19	Private	PER/ER Repair/rehab spring or replace with well, replace transmission & distribution lines, chlorination, additional storage	\$2,996,000
Y ²											
Total Class III											
\$247,357,376											
Class IV- Refinance											
79	Carson City	NV00000015	56,000	16,447	0	0.83		0	Public	Loan Refinancing	\$10,200,000
Total Class IV											
\$10,200,000											
TOTAL FOR ALL PROJECTS											
\$301,950,103											

Attachment E: DWSRF 2020 Project Priority List

2020 Priority List - Drinking Water State Revolving Fund											
Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total Points	State MHI/ PWS MHI	D ¹ Points	Revised Points	Ownership	Project Description	Funded
Class I-Acute Health Risks											
1	Riverbelle MHP	N/0000244	150	71	5	0.82		4.09	Private	PER/ER: new source, possible consolidation	Estimate
2	Humboldt Co (Grass Valley)	N/0000198	400	1600	2	1.14		2.28	Public	PER/ER: Creation of new water system	\$833,500
3	Gold Country	N/0000379	950	415	2	0.81		1.63	Private	Nitrate compliance	\$100,000
											\$1,200,000
Total Class I											\$2,133,500
Class II-Chronic Health Risks											
Community Water Systems											
4	Beatty Water & Sanitation District	N/0000009	1,010	446	10	1.63	D	16.26	Public	Wells 2, & 3 arsenic & fluoride treatment	\$1,970,000
5	Humboldt Co (McDermitt)	N/0000162	200	100	10	1.53	D	15.26	Public	Arsenic treatment	\$700,000
6	Carson City	N/0000015	56,000	16,447	10	1.12		11.23	Public	Completion of Regional Water Project - extension from Washington & Phillips to Quill Treatment Plant	\$7,544,452
7	Alamo Sewer & Water GD	N/0000005	900	318	10	1.03		10.31	Public	Arsenic treatment	\$1,692,600
8	Truckee Meadows Water Authority	N/0000190	325,000	91,000	10	1.01		10.06	Public	Groundwater treatment (arsenic, iron, manganese removal) for reliable source during drought	\$27,065,038
9	Truckee Meadows Water Authority	N/0000190	325,000	91,000	10	1.01		10.06	Public	Consolidation of Old 40 West water system w/ TMWA (arsenic comp)	\$250,000
10	Silver Knolls Mutual Water Co	N/0000421	120	63	10	0.91		9.07	Private	Arsenic compliance	\$516,000
11	M Rose Bowl Property Owners' Water Co	N/0000732	40	15	10	0.88		8.80	Private	PER/ER: LCR compliance, new storage tank	\$800,000
12	Douglas County (Fairgrounds/Sunrise Estates)	N/0000250	150	46	10	0.63		6.34	Public	Arsenic compliance	\$2,619,000
13	R&M/MHP	N/0000054	130	42	2	1.18		2.36	Private	Replace iron & manganese filtration system	\$42,521
Total Class II											\$43,199,611
Class III-Rehabilitation											
Community Public Water Systems											
14	Landis Co Sewer & Water Dist 2 (Austin)	N/0000006	350	230	59	1.22		71.77	Public	Source, treatment, storage, transmission & distribution rehabilitation/replacement	\$1,007,000
15	Beatty Water & Sanitation District	N/0000009	1,010	446	42	1.63	D	68.31	Public	Pipeline replacement, controls & other system projects	\$2,582,830
16	Lovelock Meadows Water District	N/0000161	5,278	1,409	39	1.37	D	53.44	Public	New well, transmission line, storage, & other system improvements	\$5,000,000
17	Topaz Ranch Estates GD	N/0000228	1,501	730	39	1.33	D	51.86	Public	Rehabilitation/replacement well, storage tank, transmission & distribution lines	\$13,773,956
18	Storey Co (Vigilant City Highlands)	N/0000240	1,400	500	39	0.87		51.42	Public	PER/ER: VC Highlands - new source, storage, transmission & distribution system	\$125,000
19	Humboldt Co (Golconda)	N/0000529	114	102	43	1.16		50.09	Public	Spring rehabilitation, transmission line replacement, new chlorination system, & other system improvements	\$810,000
20	Walker Lake GD	N/0000286	400	160	26	1.62	D	42.10	Public	Distribution rehabilitation, source water treatment	\$6,400,000
21	Douglas Co (Lake Tahoe Systems)	N/0000258 & N/0000259	2,800	1,085	62	0.68		42.04	Public	Replacement/upgrade, storage tank, booster stations, water lines, SCADA, redundant treatment capacity, & meters	\$38,800,000
22	Oroville GD	N/0000322	200	50	26	1.53	D	39.67	Public	Storage, distribution, & meters	\$1,800,000
23	Lyon County Utilities (Dayton)	N/0000038	13,000	6,400	39	0.98		38.21	Public	New well, storage, & upgrade transmission & distribution lines	\$9,000,000
24	Churchill Co	N/0000406	750	320	31	1.18		36.63	Public	Churchill Co back-up well, storage, distribution looping, & other system improvements	\$1,300,000
25	Las Vegas Valley Water District	N/0000090	1,306,410	384,123	35	1.04		36.50	Public	System rehab: source, storage, distribution & backflow	\$13,209,090
26	North Las Vegas, City of	N/0000075	334,800	87,000	35	0.99		34.75	Public	Replacement of 4 wells including disinfection & buildings	\$11,880,000
27	Lyon County Utilities (Silver City)	N/0000240	244	116	24	1.32	D	31.70	Public	Storage tank, transmission & distribution line replacements	\$2,000,000
28	Hawthorne Utilities	N/0000073	3,020	1,894	24	1.31	D	31.49	Public	Rehabilitation/replacement, distribution mains, source, & storage	\$13,000,000
29	Carlin, City of	N/0000014	2,500	900	42	0.75		31.40	Public	Source, storage, transmission & distribution rehabilitation/replacement, & meters	\$10,000,000
30	Elko Co (Mountain City)	N/0000170	134	40	23	1.23		28.33	Public	Spring rehabilitation & transmission line replacement	\$993,384
31	Truckee Meadows Water Authority	N/0000190	325,000	91,000	28	1.01		28.16	Public	Consolidation of West Reno Water Co (Boontown) with TMWA	\$3,531,000
32	Fernley, City of	N/0000062	19,500	7,000	28	0.97		27.09	Public	Surface water conveyance & treatment	\$8,000,000
33	Alamo Sewer & Water GD	N/0000005	900	318	25	1.03		25.78	Public	New storage tank & source	\$3,670,000
34	Las Vegas Valley Water Dist (Big Bend Water Dist)	N/0000492	9,300	2,200	15	1.70	D	25.50	Public	Rehabilitate filtration pretreatment	\$1,308,317
35	Truckee Meadows Water Authority	N/0000190	325,000	91,000	25	1.01		25.15	Public	Consolidation of River Belle MHP with TMWA	\$1,453,000
36	Truckee Meadows Water Authority	N/0000190	325,000	91,000	25	1.01		25.15	Public	Consolidation of Verdi Mutual Water System with TMWA	\$710,000
37	McGill - Ruth GD	N/0000164	700	320	25	0.97		24.32	Public	New water source for Ruth	\$5,000,000
38	Las Vegas Valley Water Dist (Big Bend Water Dist)	N/0000492	9,300	2,200	14	1.70	D	23.80	Public	Transmission & distribution line replacement	\$5,000,000
39	Kingsbury GD (Ponderosa HOA)	N/0000004	3,839	2,450	25	0.94		23.52	Public	Consolidation of Ponderosa HOA with KGD	\$570,355
40	Kingsbury GD	N/0000004	3,839	2,450	24	0.94		22.58	Public	PER/ER: rehabilitate/replace pipelines, pumps, & tanks	\$90,000
41	Silver Springs Mutual Water Co	N/0000222	3,070	1,164	15	1.48	D	22.23	Private	Rehabilitate/replace Idaho Well	\$800,000
42	Mopaa Valley Water District	N/0000160	8,500	3,200	25	0.84		21.03	Public	New Arrow Canyon Well #3 & Warm Springs 500K Tank	\$4,282,030
43	Douglas Co (Upstream)	N/0000817	85	35	31	0.68		21.02	Public	PER/ER: Distribution system upgrades, Consolidation of Upstream with Glenbrook, & Other system needs for consolidation	\$2,200,000
44	Yendimen, City of	N/0000255	1,750	1,088	14	1.49	D	20.81	Public	Replacement of transmission & distribution mains & appurtenances	\$18,904,418

Community Public Water Systems										
45	Vardi Elementary School	N\0003000	250	1	25	0.82	20.46	Public	Consolidation with TWA	\$873,000
46	Humboldt Co (Star City)	N\0003076	360	122	25	0.81	20.31	Private	Acquisition/consolidation of Star City HOA water system	\$675,000
47	Kingston Town Water Utility	N\0000285	200	155	15	1.20	19.02	Public	PER/ER New source	\$2,014,000
48	Esmeralda Co (Goldfield)	N\0000072	375	276	8	2.22	17.74	Public	Transmission line replacement	\$3,475,674
49	Elko Co (Montello)	N\0000169	180	75	15	1.15	17.18	Public	PER/ER New source	\$500,000
50	Round Hill GID	N\0000260	1,821	480	20	0.80	16.01	Public	PER/ER; Redundant treatment system contact chamber & other system improvements	\$400,000
51	Ely, City of	N\0000038	5,500	2,200	16	0.98	15.61	Public	Distribution main replacements & storage upgrades	\$23,568,000
52	Indian Valley Water District	N\0000167	18,000	8,071	15	1.02	15.24	Public	New source(s)	\$4,050,000
53	Storey Co (Virginia City)	N\0000240	2,517	694	18	0.82	14.84	Public	Tank & transmission main rehabilitation/replacement	\$7,000,000
54	Silver Springs Mutual Water Co	N\0000223	3,070	1,164	10	1.48	14.82	Private	Rehabilitate/recoat north water storage reservoir	\$228,404
55	Roark Estates HOA	N\0000319	62	27	10	1.47	14.77	Private	Replace backup storage tank	\$100,000
56	Toropah Public Utilities	N\0000237	2,600	1,500	10	1.32	14.68	Public	Airport storage tank replacement & booster pump re-conditioning	\$395,500
57	Esmeralda Co (Silver Peak)	N\0000363	111	75	10	1.32	13.21	Public	Storage tank rehabilitation	\$257,300
58	Elko Co (Tuscarora)	N\0000189	40	21	6	1.80	10.82	Public	Distribution system looping	\$229,704
59	Nye Co (Gabs)	N\0000063	411	160	6	1.63	9.76	Public	Distribution line & appurtenances replacement	\$1,668,065
60	McGill - Ruth GID	N\0000164	700	320	10	0.97	9.73	Public	New storage tank for Ruth	\$975,000
61	Las Vegas Valley Water District (Kyle Canyon)	N\0000142	1,040	353	15	0.63	9.52	Public	New source	\$930,000
62	West Wendover, City of ⁴	N\0000246	4,406	1,173	8	1.14	9.12	Public	Johnson Spring transmission system - PCOP replacement project	\$1,873,200
63	Lyon County Utilities	Various	17,000	8,000	8	1.09	8.71	Public	PER/ER for Lyon Co Utilities expansion to Silver Springs	\$150,000
64	Lyon County Utilities (Stagecoach GID)	N\0000224	1,411	580	8	1.04	8.36	Public	Interite Stagecoach GID with Lyon County Utilities	\$1,280,000
65	Virgin Valley Water District	N\0000167	18,000	8,071	8	1.02	8.13	Public	Transmission main - Mesquite Heights to Pulte	\$1,080,000
66	Esmeralda Co (Silver Peak)	N\0000363	111	75	6	1.32	7.92	Public	System rehabilitation due to corrosion & leaking assets	\$399,508
67	Churchill Co	N\0000406	750	320	6	1.18	7.09	Public	8-inch distribution line extension from Bottom Rd to Alcorn Rd	\$333,325
68	R&M MHP ¹	N\0000054	130	42	6	1.18	7.09	Private	Distribution system & appurtenances replacement	\$89,426
69	West Wendover, City of	N\0000246	4,990	1,103	6	1.14	6.84	Public	Sycamore Way waterline improvement project	\$723,488
70	Rosemount Water Company ²	N\0000767	55	26	10	0.67	6.66	Private	Storage tank rehabilitation	\$150,000
71	Esmeralda Co (Goldfield)	N\0000072	375	282	3	2.22	6.65	Public	Metering system upgrade to radio read	\$198,802
72	Douglas Co (West Valley Water System)	N\0002564 & N\0002054	1,090	421	15	0.41	6.12	Public	New source	\$3,000,000
73	Ely, City of	N\0000038	5,500	2,200	6	0.98	5.85	Public	Water main replacements on Autman St & Great Basin Blvd	\$3,666,000
74	Humboldt Co (McDermitt)	N\0000162	200	100	3	1.53	4.58	Public	Meter replacement	\$80,000
75	Toropah Public Utilities	N\0000237	2,600	1,500	3	1.47	4.40	Public	Metering system upgrade to radio read	\$946,323
76	Glenbrook Water Cooperative	N\0000356	1,000	288	6	0.68	4.07	Private	PER; distribution line replacement/looping	\$38,000
77	Esmeralda Co (Silver Peak) ³	N\0000363	111	99	3	1.32	3.96	Public	Metering system upgrade to radio read	\$135,419
78	West Wendover, City of	N\0000246	4,990	1,103	3	1.14	3.42	Public	Water meter & meter yoke replacement	\$1,887,454
79	North Las Vegas, City of	N\0000175	334,800	87,000	3	0.99	2.98	Public	Advanced Metering Infrastructure project	\$27,550,000
80	Lyon County Utilities (Dayton)	N\0000032	13,000	6,400	3	0.98	2.94	Public	Systemwide meter replacement project	\$1,150,000
81	Douglas County Public Works	Multiple	9,450	3,610	3	0.91	2.72	Public	Telemetry & SCADA improvements	\$1,285,000
Class III--Rehabilitation										
Non-Community Public Water Systems										
82	Trout Canyon Land & Water Users Assoc	N\0004060	140	70	59	1.30	76.42	Private	PER/ER; Repair/rehab spring or replace with well; replace transmission & distribution lines; chlorination; additional storage	\$2,986,000
Total Class III										\$279,835,992
Class IV--Refinance										
83	West Wendover, City of ⁴	N\0000246	4,406	1,173	0	1.14	0	Public	Loan Refinancing	\$1,873,200
Total Class IV										\$1,873,200
TOTAL FOR ALL PROJECTS										\$327,042,303

Legend:

¹ Eligible for Disadvantaged Community Designation

² PER & ER or Design funded only

³ Funded by Others

⁴ New Project on DWSRF Priority List

Attachment F: DWSRF Banked Authority

Grant Award Date	Grant Name	Amount	2% Small System Technical Assistance				
			Award	Amend Authority	Banked Authority	Banked Authority Used	Total Used for Set-aside
9/1/1999	FS-99996099	14,585,100	291,702				291,702
11/21/1999	FS-99996098	12,558,800	223,608				223,608
8/24/2001	FS-99996001	7,757,000	155,140				155,140
7/29/2002	FS-99996002	15,841,600	124,626	192,206			316,832
9/24/2003	FS-99996003	8,004,100	160,082				160,082
1/18/2005	FS99996005	8,303,100	166,062				166,062
7/5/2005	FS99996005-1	8,285,500	165,710				165,710
6/16/2006	FS99996006	8,229,300	164,586				164,586
7/3/2007	FS99996007	8,229,000	164,580		108,050	(108,050)	56,530
10/1/2008	FS99996008	8,146,000	162,920				162,920
9/2/2009	0F00T04909 0 ARRA	19,500,000	390,000		390,000	(28,870)	0
5/1/2010	FS99996010-0	21,719,000	434,380				434,380
9/20/2011	FS99996011	9,268,000	185,360				185,360
8/9/2012	FS99996012	9,125,000	182,500				182,500
9/20/2013	FS99996013	8,421,000	168,420		168,420		0
9/18/2014	FS99996014	12,614,000	252,280	127,930	24,350		227,930
9/29/2015	FS99996015	12,531,000	250,620		100,620		150,000
8/16/2016	FS99996016	11,854,000	237,080	164,000	27,080	136,920	374,000
9/8/2017	FS99996017	11,753,000	235,060	(62,450)	62,450		172,610
9/20/2018	FS99996018	12,876,000	257,520		6,857		250,663
7/11/1905	FS99996019	12,756,000	255,120		0		255,120
		242,356,500	4,114,716	421,686	880,970	0	3,589,952

Grant Award Date	Grant Name	Amount	4% Administration				
			Award	Amend Authority	Banked Authority	Banked Authority Used	Total Used for Set-aside
9/1/1999	FS-99996099	14,585,100	583,404				583,404
11/21/1999	FS-99996098	12,558,800	502,352				502,352
8/24/2001	FS-99996001	7,757,000	310,280				310,280
7/29/2002	FS-99996002	15,841,600	249,251	384,413			633,664
9/24/2003	FS-99996003	8,004,100	320,164				320,164
1/18/2005	FS99996005	8,303,100	332,124				332,124
7/5/2005	FS99996005-1	8,285,500	331,420				331,420
6/16/2006	FS99996006	8,229,300	329,172		128,168	(112,168)	201,004
7/3/2007	FS99996007	8,229,000	329,160		329,160	(55,172)	0
10/1/2008	FS99996008	8,146,000	325,840				325,840
9/2/2009	0F00T04909 0 ARRA	19,500,000	780,000		763,230		16,770
5/1/2010	FS99996010-0	21,719,000	868,760		231,804		636,956
9/20/2011	FS99996011	9,268,000	370,720				370,720
8/9/2012	FS99996012	9,125,000	365,000		65,000		300,000
9/20/2013	FS99996013	8,421,000	336,840				336,840
9/18/2014	FS99996014	12,614,000	504,560		404,560		100,000
9/29/2015	FS99996015	12,531,000	501,240		126,240		375,000
8/16/2016	FS99996016	11,854,000	474,160	361,500	194,160	167,340	641,500
9/8/2017	FS99996017	11,753,000	470,120	(154,000)	154,000		316,120
9/20/2018	FS99996018	12,876,000	515,040		265,764		249,276
7/11/1905	FS99996019	12,756,000	510,240		98,240		412,000
		242,356,500	8,284,567	591,913	2,396,322	0	6,634,158

			10% State Program Management				
Grant Award Date	Grant Name	Amount	Award	Amend Authority	Banked Authority	Banked Authority Used	Total Used for Set-aside
9/1/1999	FS-99996099	14,585,100	1,396,795				1,396,795
11/21/1999	FS-99996098	12,558,800	559,006				559,006
8/24/2001	FS-99996001	7,757,000	742,433				742,433
7/29/2002	FS-99996002	15,841,600	623,128	961,032			1,584,160
9/24/2003	FS-99996003	8,004,100	800,410				800,410
1/18/2005	FS99996005	8,303,100	516,926				516,926
7/5/2005	FS99996005-1	8,285,500	296,998				296,998
6/16/2006	FS99996006	8,229,300	642,027				642,027
7/3/2007	FS99996007	8,229,000	635,121				635,121
10/1/2008	FS99996008	8,146,000	703,000				703,000
9/2/2009	0F00T04909 0 ARRA	19,500,000	1,950,000		1,505,821	(955,400)	444,179
5/1/2010	FS99996010-0	21,719,000	2,171,900		510,222		1,661,678
9/20/2011	FS99996011	9,268,000	926,800		171,378		755,422
8/9/2012	FS99996012	9,125,000	912,500		794,334		118,166
9/20/2013	FS99996013	8,421,000	842,100		842,100		0
9/18/2014	FS99996014	12,614,000	1,261,400	562,625	698,775		562,625
9/29/2015	FS99996015	12,531,000	1,253,100		303,100		950,000
8/16/2016	FS99996016	11,854,000	1,185,400	955,400	45,400	955,400	2,095,400
9/8/2017	FS99996017	11,753,000	1,175,300		45,301		1,129,999
9/20/2018	FS99996018	12,876,000	1,287,600		259,432		1,028,168
7/11/1905	FS99996019	12,756,000	1,275,600		175,600		1,100,000
		242,356,500	18,594,344	2,479,057	4,916,431	0	15,594,345